SCR Meadows of Dan Food Market PC# 2014-2256

SITE CHARACTERIZATION REPORT

Meadows of Dan Food Market
2609 Jeb Stuart Highway
Meadows of Dan, Virginia 24120

PC# 2014-2256
Greene Project# FMMD1002

April 18, 2014

DEQ Case Manager:
Mr. Douglas B. Carl

SITE CHARACTERIZATION REPORT

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2609 Jeb Stuart Highway
Meadows of Dan, Virginia 24120
PC# 2014-2256

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EXECUTIVE SUMMARY

Site Characterization Report

As stated in the Virginia Department of Environmental Quality (VA DEQ) letter dated January 6, 2014, the Roanoke branch of the Blue Ridge Regional Office (BRRO-ROA) requested that both Initial Abatement Measures and Reporting (IAMR) activities and Site Characterization and Reporting (SCR) activities be conducted at the Meadows of Dan Food Market facility. A copy of the IAMR documenting these activities was submitted to the VA DEQ on January 24, 2014. Upon completion of IAMR activities Greene initiated performance of SCR activities.

During SCR activities, Greene installed six monitoring wells at the subject site, performed aquifer characterization, and performed sampling activities. To date, vapor phase, residual phase, dissolved phase, and free phase petroleum contamination have been encountered in the subsurface at the Meadows of Dan Food Market property. Measurable free product thicknesses have been observed within monitoring wells MW01, MW02, and MW03. In an effort to reduce the observed free phase petroleum, six vacuum truck recovery events were performed at the property during this phase of work and approximately 1,759 gallons of free product and highly concentrated dissolved phase petroleum contamination have been recovered.

Groundwater samples collected from the three onsite monitoring wells without free product (MW04, MW05, and MW06) confirmed the presence of dissolved phase petroleum contamination in the groundwater. In addition, drinking water samples collected from the offsite receptor locations DW02 (Poor Farmer's Market), DW03 (Jane's Country Café), DW12 (Spangler Residence), and DW15 (Nancy's Candy Company) also yielded measurable dissolved phase petroleum contamination. In an effort to mitigate concern associated with the confirmed impact to potable water, carbon filtration units have been installed as part of the VA DEQ alternate water supply (AWS) program at receptor locations DW02, DW03, DW12, and DW15.

Due to the presence of free phase petroleum, significant dissolved phase contamination onsite, and impact to offsite drinking water wells, Greene recommends additional work be performed at the Meadows of Dan Food Market facility as part of an SCR Addendum (SCRA). In an effort to reduce the thickness of the free product layer at the subject site, Greene recommends continued vacuum truck recovery events be performed. In addition, Greene recommends the installation of 3-4 additional onsite soil borings/groundwater monitoring wells, as well as the installation of 3-4 offsite soil borings/groundwater monitoring wells. Data obtained from soil samples collected during boring advancement will allow for the vertical delineation of residual phase contamination, while the water samples made possible by the installation of the monitoring wells will be utilized to further delineate the free phase and dissolved phase contaminant plumes. Subsequent to the

installation of the additional monitoring wells, Greene recommends the performance of additional pump-down rising head tests to include the newly installed offsite monitoring wells.

Finally, Greene recommends additional drinking water sampling be performed. Greene recommends obtaining a drinking water sample from the shared supply well providing potable water to receptor locations DW04, DW05, and DW06 once the power has been reconnected. In addition, Greene recommends the continued sampling of drinking water at the downgradient potential receptor locations DW07/DW08, DW13, DW14, D16, and DW19. As the VA DEQ AWS program will collect samples from receptor locations DW02, DW03, DW12, and DW15, Greene will no longer continue sampling from these locations.

This Executive Summary is an integral part of the Site Characterization Report. Greene recommends that the report be read in its entirety.

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Potential Receptors Location Map
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Aerial Map

B. Geologic Information

Soil Boring Logs/Monitoring Well Construction Diagrams

C. Laboratory Data

Laboratory Test Results
Chain of Custody Documentation

D. Aquifer Characterization

Super Slug™ Pump-Down Test

E. Soil Disposal Documentation

Non-Hazardous Materials Manifest – EVO Corporation
Certificate of Disposal – EVO Corporation

F. Liquid Disposal Documentation

Non-Hazardous Materials Manifest – EVO Corporation
Certificate of Disposal – EVO Corporation
Bill of Lading – Environmental Options, Inc.

G. Associated Documents

VA DEQ Letter Dated January 6, 2014
VDOT Land Use Permit

SITE CHARACTERIZATION REPORT
for
Meadows of Dan Food Market
Meadows of Dan, VA

1.0 Introduction

On December 30, 2013, Paul R. Shively, Inc. (PRS) of Floyd, Virginia contracted Greene Environmental Services, LLC (Greene) to collect the required samples and document the removal of two 10,000-gallon gasoline underground storage tanks (USTs) located at the Meadows of Dan Food Market in Meadows of Dan, Virginia. Soil samples collected during the excavation and removal of the USTs revealed elevated volatile organic compound (VOC) vapors typically associated with petroleum fuels. Greene also observed petroleum stained soils on the former shared UST basin sidewalls and floor. Subsequent to these findings, Greene reported the release to the Blue Ridge Regional Office (BRRO) of the Virginia Department of Environmental Quality (VA DEQ) on December 30, 2013. In a letter dated January 6, 2014, the Roanoke branch of the Blue Ridge Regional Office (BRRO-ROA) issued the site Pollution Complaint (PC) #2014-2256 and requested that Initial Abatement Measures and Reporting (IAMR) activities and Site Characterization and Reporting (SCR) activities be conducted at the site.

During the IAMR, a total of 409.92 tons of petroleum impacted soils were removed from the site and disposed of at a treatment facility. Analytical results of soil samples collected subsequent to overexcavation activities indicated that elevated petroleum contamination remains on the basin east sidewall, south sidewall, and floor primarily proximal to the east end of the premium gasoline UST. In addition a soil sample collected from the former gasoline dispenser #1 location yielded evidence of petroleum contamination. A copy of the IAMR documenting these activities was submitted to the VA DEQ on January 24, 2014. As stated in the VA DEQ letter dated January 6, 2014, a SCR was requested subsequent to completion of the IAMR. A copy of the VA DEQ request letter dated January 6, 2014 is included in Appendix G of this report.

2.0 Site Location and Description

The subject property is an approximately 1.07-acre parcel located at 2609 Jeb Stuart Highway in a primarily commercial and residential area within the limits of Patrick County, Virginia. The subject site is improved with a two-story building that serves as the Meadows of Dan Food Market, as well as a coin-operated laundromat and rental apartment. It is believed that the subject site has operated as a retail gasoline station and convenience store from approximately 1976 to present. As part of UST system upgrade activities, one 10,000-gallon regular gasoline UST (UST #1) and one 10,000-gallon premium gasoline UST (UST #2) located within a common basin were removed from the ground on December 30, 2013. The subject site currently maintains

one 10,000-gallon gasoline UST and one 8,000-gallon compartmental UST containing gasoline and kerosene. In addition, the property maintains one estimated 500-gallon kerosene aboveground storage tank (AST), two gasoline dispensers, and two kerosene dispensers. The subject site is further improved with asphalt access and parking areas. The Meadows of Dan Food Market obtains potable water from a drilled supply well located within the store building approximately 75 feet northwest of the former tank basin. The subject site is bordered by Jeb Stuart Highway to the south, Baptist Church Lane to the north, and commercial properties to the east and west. A Site Map (03/12/2014) documenting pertinent features of the property is included in Appendix A.

3.0 Topography

The subject site is located at 2609 Jeb Stuart Highway within the limits of Patrick County, Virginia. According to the U.S. Geological Survey 7 ½ Minute Series Topographic Map of the Meadows of Dan Quadrangle, Virginia, the site elevation is approximately 2,968 feet above mean sea level. At its closest point, the nearest identified surface water body, an unnamed intermittent tributary to Tuggle Creek, is located approximately 950 feet to the east. An aerial map and topographic map of the subject site are included in Appendix A.

4.0 Site Characterization Activities

A summary of the SCR activities performed at the subject site is provided in the following sections.

4.1 Soil Boring Installation

On February 24, 2014, Greene initiated a subsurface investigation at the Meadows of Dan Food Market property. Greene contracted Davidson Drilling, Inc. (DDI) to install six soil borings/monitoring wells at the subject site from February 24, 2014 to February 26, 2014. DDI utilized a track-mounted, direct push drill rig equipped with continuous-flight steel rods to install the soil borings until rod refusal was observed. Subsequent to observing rod refusal, DDI converted the direct push drill rig to hollow-stem auger and over-bored the six soil borings (B01-B06) to approximately 10 feet below the first indication of the shallow groundwater table to facilitate the construction of groundwater monitoring wells.

During installation of the six soil borings, Greene collected soil samples at four foot intervals during direct push boring installation and at five foot intervals during hollow-stem auger boring installation. The soil samples were collected for visual inspection, lithologic characterization, and headspace screening for the presence of VOC vapors typically associated with petroleum fuels. Portions of each soil sample recovered were retained in plastic Zip-Loc™ bags for headspace analysis. Sample temperature was allowed to equilibrate

for approximately fifteen minutes at a minimum temperature of 68 ^{o}F prior to screening. Headspace screening was performed using a Mini-RAE 3000 photoionization detector (PID) calibrated to a 100 parts per million (ppm) isobutylene standard. This instrument detects VOC vapors within a range of 0.1 ppm to 15,000 ppm. Headspace analysis involved the insertion of the sample probe portion of the PID into the equilibrated sample bag. The maximum reading obtained upon insertion of the probe was recorded for each sample. Headspace analyses revealed elevated (>50.0 ppm) VOC vapor concentrations at soil borings B01, B02, and B03. Headspace readings are included on the Soil Boring Logs provided as Appendix B. The soil boring locations are included on the Soil Boring Location Map provided in Appendix A.

Based on the analytical results obtained during IAMR activities, Greene installed soil boring B01 proximal to the east end of the former premium gasoline UST and soil boring B02 proximal to the south sidewall towards the east end of the former premium gasoline UST. Soil boring B03 was installed proximal to the dispenser #1 location. Soil boring B04 was installed topographically downgradient of the UST basin and within the Virginia Department of Transportation (VDOT) right-of-way. Soil boring B05 also was installed topographically downgradient of the UST basin and soil boring B06 was installed adjacent to the north side of the UST basin in the topographically upgradient direction. The borings predominantly consisted of well graded, weathered, micaceous silty fine sand from approximately grade to 45-55 feet below the ground surface (bgs). Soil cuttings were drummed and stored onsite prior to disposal by EVO Corporation (EVO) of Winston-Salem, NC on February 27, 2014. While onsite on February 25, 2014, Greene received provisional approval to install soil boring B04 prior to obtaining the required VDOT permit. A copy of the VDOT permit is included in Appendix G, and copies of the Non-Hazardous Waste Manifest and Certificate of Disposal for the 17 drums are included in Appendix E.

4.2 Groundwater Monitoring Well Installation

Greene completed soil borings B01, B02, B03, B04, B05, and B06 as groundwater monitoring wells MW01, MW02, MW03, MW04, MW05, and MW06, respectively. Groundwater monitoring wells were installed to collect groundwater samples and to monitor for the presence of free product. Groundwater monitoring wells were constructed using two-inch inner diameter (I.D.) schedule 40 polyvinyl chloride (PVC) casing and 0.010-inch factory-slotted well screen. Each well is equipped with an expansion-type locking well cap. Well construction was completed subsequent to removal of the augers. The well annulus was filled with washed, #3 quartz filter sand to a minimum depth of approximately two feet above the top of the screened interval. A pelletized bentonite seal was placed above the sand filter pack. The remainder of the annulus was completed with neat portland grout. A flush-mount protective well cover was installed over each of the six monitoring

wells. The monitoring well locations are included on the Monitoring Well Location Map provided in Appendix A. Monitoring well construction diagrams are included on the Soil Boring Logs provided as Appendix B.

Subsequent to the installation of each monitoring well, Greene utilized a Heron Instruments, Inc. electronic interface probe to confirm the presence of groundwater. Following completion of monitoring well MW01, Greene determined that the screened interval was installed below the equilibrated groundwater table. As a result, additional screen was utilized when installing monitoring wells MW02-MW06. In addition, measurable free product was observed within monitoring well MW01 subsequent to installation. Greene also observed measurable free product thicknesses in monitoring wells MW02 and MW03 following installation of these wells. Due to the presence of measureable free product, Greene returned to the subject site on February 27, 2014 with a vacuum truck on contract from EVO to perform well development and free product removal activities. Following the recording of the pre-test static water level, reinforced tubing and PVC pipe installed below the groundwater were utilized to perform well development/free product recovery activities. The vacuum truck and associated piping were utilized to develop each of the three wells without free product (MW04, MW05, and MW06) for approximately 15 minutes. The vacuum truck and associated piping were utilized to develop each of the three wells with free product (MW01, MW02, and MW03) for approximately 1-2 hours. Additional information regarding the free product recovery event is provided in Section 4.4.4.

4.3 Hydrogeology

In accordance with VA DEQ directives, Greene completed six exploratory soil borings as groundwater monitoring wells (MW01-MW06) from February 24, 2014 to February 26, 2014. Groundwater monitoring wells were installed to monitor for the presence of free phase petroleum and to delineate the dissolved phase petroleum compounds identified onsite. A mark placed on the top of each well casing was used as a reference point for surveying and recording groundwater elevations. Greene used a Heron Instruments, Inc. electronic interface probe to measure the depth to groundwater in the six onsite monitoring wells during eight gauging events performed as part of SCR activities. Groundwater elevation data is presented in Table 1.

Table 1.

Groundwater Elevation Data

Location	Date	Relative Top of Casing Elevation[1] (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)
MW01	02/27/14	2,962.67	31.56[2]	2,931.11
	03/06/14		31.49[2]	2,931.18
	03/10/14		31.51[2]	2,931.16
	03/12/14		31.22[2]	2,931.45
	03/14/14		31.45[2]	2,931.22
	03/19/14		32.98[2]	2,929.69
	03/28/14		31.34[2]	2,931.33
	04/07/14		31.12[2]	2,931.55
MW02	02/27/14	2,962.80	31.89[2]	2,930.91
	03/06/14		31.88[2]	2,930.92
	03/10/14		31.75[2]	2,931.05
	03/12/14		31.61[2]	2,931.19
	03/14/14		31.82[2]	2,930.98
	03/19/14		31.82[2]	2,930.98
	03/28/14		31.64[2]	2,931.16
	04/07/14		31.49[2]	2,931.31
MW03	02/27/14	2,962.57	32.67[2]	2,929.90
	03/06/14		32.64[2]	2,929.93
	03/10/14		32.52[2]	2,930.05
	03/12/14		32.39[2]	2,930.18
	03/14/14		32.57[2]	2,930.00
	03/19/14		32.41[2]	2,930.16
	03/28/14		32.39[2]	2,930.18
	04/07/14		32.26[2]	2,930.31

Table 1 (Cont'd).

Groundwater Elevation Data

Location	Date	Relative Top of Casing Elevation[1] (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)
MW04	02/27/14	2,961.43	31.85	2,929.58
	03/06/14		31.75	2,929.68
	03/10/14		31.43	2,930.00
	03/12/14		31.50	2,929.93
	03/14/14		31.64	2,929.79
	03/19/14		NA[3]	NA
	03/28/14		31.46	2,929.97
	04/07/14		31.33	2,930.10
MW05	02/27/14	2,961.32	31.69	2,929.63
	03/06/14		31.57	2,929.75
	03/10/14		31.63	2,929.69
	03/12/14		31.31	2,930.01
	03/14/14		31.47	2,929.85
	03/19/14		NA	NA
	03/28/14		31.28	2,930.04
	04/07/14		31.16	2,930.16
MW06	02/27/14	2,963.39	30.88	2,932.51
	03/06/14		30.75	2,932.64
	03/10/14		30.62	2,932.77
	03/12/14		30.47	2,932.92
	03/14/14		30.67	2,932.72
	03/19/14		NA	NA
	03/28/14		30.52	2,932.87
	04/07/14		30.41	2,932.98

[1]Elevations measured by Greene relative to an approximate site elevation of 2,968 feet.
[2]Due to the presence of free phase petroleum, depth to groundwater was calculated using a gasoline density of 0.729 g/ml.
[3]NA = Not Applicable.

The Surfer Version 8 program was employed to generate the potentiometric surface contour array over the base map created in Design CAD. A minimum of pseudo data points were used and these were applied only when the kriging algorithm clearly interpolated the contour lines into certain regions where a paucity of data resulted in an unnatural contour distribution. When pseudo points were used, they were based on nearest neighbors. A potentiometric surface map generated from the relative elevations of equilibrated groundwater as measured on March 12, 2014 is included in Appendix A. Relative groundwater elevations measured on March 12, 2014 depict a primarily south flow component.

Greene conducted a pump-down rising head test in monitoring well MW05 to obtain data necessary in the calculation of aquifer characteristics including hydraulic conductivity, transmissivity, and flow velocity. Following the recording of the pre-test static water level, approximately 5-10 gallons of groundwater was removed from monitoring well MW05. Subsequent to purging, Greene recorded the water level at predetermined intervals until at a minimum of 95% recovery was obtained at the well location. Pump-down test data and graphic representations obtained during the investigation are provided as Appendix D.

The pump-down test data was used to calculate hydraulic conductivity and transmissivity using Super Slug™ aquifer test software provided by Starpoint Software, Inc. Super Slug™ utilizes several methods for calculating hydraulic conductivity and transmissivity from pump-down test data. For this investigation, Greene selected the Bouwer and Rice method for determining hydraulic conductivity. The saturated thickness of the initial water bearing zone is presumed to be the average static height of the water column in the six onsite monitoring wells, 16.96 feet (March 12, 2014). An effective porosity of 30% is assumed for pump-down rising head test calculations. The estimated hydraulic gradient across the site on March 12, 2014, was 0.046 feet per foot (ft/ft), determined from the potentiometric map included in Appendix A.

The pump-down rising head test performed on monitoring well MW05 yielded a calculated hydraulic conductivity value of 0.4049 feet per day (ft/day). The test also yielded a calculated transmissivity value of 51.37 gallons per day per feet (gal/day/ft). The flow velocity is determined from the hydraulic conductivity (K), the groundwater gradient (dh/dl), and the soil porosity (n) by the following equation:

$$V = \frac{K\,(dh/dl)}{n}$$

The calculated hydraulic conductivity is 0.4049 ft/day. The groundwater gradient is 0.046 ft/ft. The porosity or percentage of soil void volume to total volume for silty fine sands such as those observed at the site is estimated to be approximately 30%. Groundwater velocity at the site is calculated to be 0.0621 feet per day (ft/day), or 22.67 feet per year (ft/yr).

4.4 Contamination Characterization

The following sections describe Greene's delineation of subsurface petroleum constituents detected during this investigation.

4.4.1 Vapor Phase

As part of soil boring installation activities, Greene collected soil samples from each of the boring locations at 4-5 foot intervals. Clean, disposable nitrile gloves were used during all phases of sample collection. The soil samples were collected for visual inspection, lithologic characterization, and headspace screening for the presence of VOC vapors typically associated with petroleum fuels. Portions of each recoverable soil sample were retained in plastic Zip-Loc™ bags for headspace analysis. Sample temperature was allowed to equilibrate for a minimum period of fifteen minutes at a minimum temperature of 68°F prior to screening. All soil samples were field screened using a Mini-RAE 3000 PID and visual and olfactory clues. Headspace analyses revealed elevated (>50.0 ppm) VOC vapor concentrations at soil borings B01, B02, and B03 during this phase of work. Headspace readings are included on the Soil Boring Logs provided as Appendix B. Table 2 is a summary of the field screening results.

Table 2.
Summary of the Field Screening Results

Sample Identification	Depth (feet bgs)	Olfactory Observation	PID Readings (ppm)	Retained for Analysis
B01-1	0-4	Slight petroleum odor observed	16.9	Yes
B01-2	4-8	Slight petroleum odor observed	29.4	Yes
B01-3	8-12	Petroleum odor observed	41.8	Yes
B01-4	12-16	Slight petroleum odor observed	105.9	Yes
B01-5	16-20	No sample recovery	NA[1]	NA
B01-6	20-24	Strong petroleum odor observed	660	Yes

Table 2 (Cont'd).

Summary of the Field Screening Results

Sample Identification	Depth (feet bgs)	Olfactory Observation	PID Readings (ppm)	Retained for Analysis
B01-7	24-28	Strong petroleum odor observed	3,862	Yes
B01-8	28-32	Strong petroleum odor observed	1,817	Yes
B01-9	32-35	Strong petroleum odor observed	1,174	Yes
B01-10	35-40	Strong petroleum odor observed	1,450	No
B01-11	40-45	Strong petroleum odor observed	1,432	No
B02-1	0-4	No petroleum odor observed	125.2	Yes
B02-2	4-8	Slight petroleum odor observed	141.3	Yes
B02-3	8-12	Petroleum odor observed	179.3	Yes
B02-4	12-16	Strong petroleum odor observed	212.4	Yes
B02-5	16-20	Strong petroleum odor observed	586.3	Yes
B02-6	20-24	Petroleum odor observed	710.4	Yes
B02-7	24-28	Petroleum odor observed	877.7	Yes
B02-8	28-32	Strong petroleum odor observed	1,707	Yes
B02-9	32-34	Strong petroleum odor observed	1,310	Yes
B02-10	34-35	Strong petroleum odor observed	1,174	No
B02-11	35-40	Strong petroleum odor observed	883.5	No
B02-12	40-45	Strong petroleum odor observed	1,434	No
B03-1	0-4	No petroleum odor observed	3.3	Yes
B03-2	4-8	No petroleum odor observed	6.4	Yes
B03-3	8-12	No petroleum odor observed	30.2	Yes
B03-4	12-16	Slight petroleum odor observed	3.7	Yes
B03-5	16-20	Slight petroleum odor observed	9.3	Yes
B03-6	20-24	Petroleum odor observed	8.6	Yes
B03-7	24-28	Strong petroleum odor observed	779.3	Yes
B03-8	28-32	Strong petroleum odor observed	5,769	Yes

Table 2 (Cont'd).

Summary of the Field Screening Results

Sample Identification	Depth (feet bgs)	Olfactory Observation	PID Readings (ppm)	Retained for Analysis
B03-9	32-33	Strong petroleum odor observed	87.4	Yes
B03-10	33-35	Strong petroleum odor observed	3,540	Yes
B03-11	35-40	Strong petroleum odor observed	1,451	No
B03-12	40-45	Strong petroleum odor observed	1,752	No
B04-1	0-4	No petroleum odor observed	10.0	No
B04-2	4-8	No petroleum odor observed	6.7	No
B04-3	8-12	No petroleum odor observed	11.5	No
B04-4	12-16	No petroleum odor observed	2.0	No
B04-5	16-20	Slight petroleum odor observed	5.0	No
B04-6	20-24	Slight petroleum odor observed	6.2	No
B04-7	24-28	No petroleum odor observed	4.0	Yes
B04-8	28-32	No petroleum odor observed	6.8	Yes
B04-9	32-36	No petroleum odor observed	4.9	Yes
B04-10	36-39	Slight petroleum odor observed	5.9	No
B05-1	0-4	No petroleum odor observed	2.7	No
B05-2	4-8	No petroleum odor observed	1.9	No
B05-3	8-12	No petroleum odor observed	3.7	No
B05-4	12-16	No petroleum odor observed	2.4	No
B05-5	16-20	No petroleum odor observed	4.0	No
B05-6	20-25	No petroleum odor observed	5.0	Yes
B05-7	25-30	No petroleum odor observed	4.8	Yes
B05-8	30-35	No petroleum odor observed	17.5	Yes
B05-9	35-40	No petroleum odor observed	29.0	No
B06-1	0-4	No petroleum odor observed	1.1	No
B06-2	4-8	Slight petroleum odor observed	2.0	No

Table 2 (Cont'd).

Summary of the Field Screening Results

Sample Identification	Depth (feet bgs)	Olfactory Observation	PID Readings (ppm)	Retained for Analysis
B06-3	8-12	Slight petroleum odor observed	4.3	No
B06-4	12-16	Slight petroleum odor observed	2.5	No
B06-5	16-20	Slight petroleum odor observed	2.6	No
B06-6	20-25	Slight petroleum odor observed	2.5	No
B06-7	24-26	Slight petroleum odor observed	1.3	Yes
B06-8	26-30	No petroleum odor observed	0.8	Yes
B06-9	30-35	No petroleum odor observed	0.7	Yes
B06-10	35-40	No petroleum odor observed	1.2	No

[1]NA = Not Applicable.

4.4.2 Residual Phase

During drilling activities, soil samples were collected from the six boring locations at four-foot intervals during direct push activities and five-foot intervals during hollow-stem auger activities. The soil samples were collected using, clean, disposable nitrile gloves, placed in 4 ounce glass soil jars, placed on ice, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped by overnight express to TestAmerica, Inc. of Nashville, TN. Each of the soil samples collected from above the smear zone and within the smear zone during installation of soil borings B01, B02, and B03 were submitted for analysis. The soil samples collected from the estimated smear zone during installation of soil borings B04, B05, and B06 were also submitted for laboratory analysis. The soil samples were analyzed for total petroleum hydrocarbons-gasoline range organics (TPH-GRO) via EPA method 8015B, benzene, toluene, ethlybenzene, xylenes (BTEX), methyl tert-butyl ether (MTBE), and naphthalene via EPA method 8021B. Copies of the laboratory results and chain of custody documentation are included in Appendix C. In the interest of reducing paper waste, the quality assurance/quality control (QA/QC) sections of the laboratory reports have not been included with this report. QA/QC documentation has been retained in-house and will be provided upon request.

Analytical results of the submitted soil samples yielded evidence of significant residual phase petroleum contamination at soil boring locations B01, B02, and B03. However, the majority of the significant residual phase contamination was observed within or proximal to the estimated smear zone and is likely not located

within the source of contamination. Limited residual phase contamination was observed within or proximal to the estimated smear zone at soil boring B04, however, soil samples collected from soil borings B05 and B06 did not yield evidence of residual phase petroleum contamination. A summary of the residual phase analytical results is included in Table 3.

Table 3.

Summary of Residual Phase Analytical Results

Sample Identification	Date	Sample Depth (feet)	TPH-GRO[1]	Benzene[2]	Toluene	Ethyl-benzene	Xylenes	MTBE	Naphthalene
B01-1	02/24/14	0-4	ND[3]	ND	**0.00660**	ND	**0.00478**	**0.280**	ND
B01-2	02/24/14	4-8	ND	ND	**0.00148**	ND	ND	**0.214**	ND
B01-3	02/24/14	8-12	ND	ND	**0.00471**	ND	**0.00675**	**1.03**	**0.00505**
B01-4	02/24/14	12-16	ND	**0.0132**	**0.0846**	**0.00915**	**0.0487**	ND	ND
B01-6	02/24/14	20-24	**17.8**	**0.00114**	**0.0722**	**0.113**	**2.36**	**1.18**	**0.541**
B01-7	02/24/14	24-28	**1,550**	**0.701**	**46.1**	**33.9**	**189**	**1.15**	**16.5**
B01-8	02/24/14	28-32	**4,890**	**14.7**	**246**	**112**	**637**	**11.2**	**35.8**
B01-9	02/24/14	32-35	**1,190**	**0.567**	**28.3**	**22.0**	**132**	ND	**15.8**
B02-1	02/24/14	0-4	ND	ND	**0.00226**	**0.00152**	**0.00931**	**0.0298**	ND
B02-2	02/24/14	4-8	ND	ND	**0.00171**	ND	**0.00327**	**0.101**	ND
B02-3	02/24/14	8-12	ND	ND	**0.00438**	**0.00223**	**0.0279**	**1.38**	**1.91**
B02-4	02/24/14	12-16	**22.9**	ND	**0.0130**	**0.383**	**1.07**	**0.842**	**3.8**
B02-5	02/24/14	16-20	**799**	**0.00333**	**5.5**	**13.7**	**74.7**	**0.586**	**35.2**
B02-6	02/24/14	20-24	ND	**0.00198**	**0.00618**	**0.000912**	**0.0136**	**0.617**	**0.584**
B02-7	02/24/14	24-28	**479**	**0.0600**	**10.7**	**13.1**	**53.9**	**1.10**	**11.5**
B02-8	02/24/14	28-32	**6,000**	**6.82**	**207**	**109**	**612**	**1.78**	**54.3**
B02-9	02/24/14	32-34	**1,830**	**0.366**	**52.6**	**40.6**	**242**	**0.501**	**21.7**

Table 3 (Cont'd).

Summary of Residual Phase Analytical Results

Sample Identification	Date	Sample Depth (feet)	TPH-GRO[1]	Benzene[2]	Toluene	Ethyl-benzene	Xylenes	MTBE	Naphthalene
B03-1	02/25/14	0-4	ND	ND	**0.00104**	ND	**0.00291**	ND	ND
B03-2	02/25/14	4-8	ND	**0.00102**	**0.0221**	**0.00448**	**0.0206**	ND	ND
B03-3	02/25/14	8-12	ND	ND	**0.00264**	**0.00109**	**0.00561**	**0.0164**	ND
B03-4	02/25/14	12-16	ND	ND	**0.00104**	ND	ND	**0.0239**	ND
B03-5	02/25/14	16-20	ND	ND	ND	ND	ND	ND	ND
B03-6	02/25/14	20-24	ND	ND	**0.00366**	ND	ND	**0.0321**	ND
B03-7	02/25/14	24-28	**7.97**	ND	**0.0375**	**0.0483**	**1.85**	**0.0912**	**0.798**
B03-8	02/25/14	28-32	**2,150**	**1.6**	**52.7**	**34.5**	**201**	ND	**16.9**
B03-9	02/25/14	32-33	**3,790**	**5.7**	**168**	**88.6**	**451**	**1.06**	**28.5**
B03-10	02/25/14	33-35	**705**	ND	**8.75**	**11.7**	**82.3**	ND	**14.8**
B04-7	02/25/14	24-28	ND	ND	**0.00447**	**0.000992**	**0.00569**	ND	ND
B04-8	02/25/14	28-32	ND	ND	**0.00130**	ND	ND	ND	ND
B04-9	02/25/14	32-36	ND	ND	ND	ND	ND	ND	ND
B05-6	02/26/14	20-25	ND	ND	ND	ND	ND	ND	ND
B05-7	02/26/14	25-30	ND	ND	ND	ND	ND	ND	ND
B05-8	02/26/14	30-35	ND	ND	ND	ND	ND	ND	ND
B06-7	02/26/14	24-26	ND	ND	ND	ND	ND	ND	ND
B06-8	02/26/14	26-30	ND	ND	ND	ND	ND	ND	ND
B06-9	02/26/14	30-35	ND	ND	ND	ND	ND	ND	ND

[1]TPH (gasoline range organics) analysis via U.S. EPA SW-846 method 8015B; reported in milligrams per kilogram (mg/kg).
[2]BTEX, MTBE, naphthalene analysis via U.S. EPA SW-846 method 8021B; reported in mg/kg.
[3]ND = Non Detected.

4.4.3 Dissolved Phase

As discussed in Section 4.2, a vacuum truck was utilized to develop the monitoring wells on February 27, 2014. Prior to developing the wells, Greene recorded static water level and investigated for the presence of free phase petroleum using a Heron Instruments, Inc. electronic interface probe. The depth to

product/groundwater measurement was recorded from a reference mark placed on the top of each well casing. Subsequent to gauging the wells, reinforced tubing and PVC pipe installed below the groundwater were utilized to apply the vacuum within each of the monitoring wells to perform well development activities. A summary of the well development gauging event is included in Table 4.

Greene returned to the subject site on March 12, 2014 to collect groundwater samples from the onsite monitoring wells. Prior to purging and sampling, Greene recorded the static water level and investigated for the presence of free phase petroleum using a Heron Instruments, Inc. electronic interface probe. The depth to product/groundwater measurements were recorded from a reference mark placed on the top of each well casing. Measurable free product thicknesses of 0.62 feet, 5.54 feet, and 3.94 feet were observed within monitoring wells MW01, MW02, and MW03, respectively. As a result, monitoring well groundwater samples were only collected from monitoring wells MW04, MW05, and MW06 on March 12, 2014.

Prior to sampling, Greene purged the three monitoring wells to remove suspended solid material from the water column and to collect samples representative of aquifer conditions. The three monitoring well groundwater samples were collected using a 12-volt S.S. Monsoon Proactive Environmental Products submersible pump with a low-flow controller. Dedicated, disposable, LDPE tubing was used to purge the wells and transfer the groundwater samples directly into the appropriate sample containers. The monitoring wells were purged until dry or a minimum of three well volumes had been displaced. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to TestAmerica, Inc. of Nashville, TN.

Groundwater samples collected from monitoring wells MW04, MW05, and MW06 were submitted for TPH-GRO and TPH-diesel range organics (DRO) analysis via EPA method 8015B, BTEX, MTBE, and naphthalene analysis via EPA method 8021B. Copies of the laboratory results and chain of custody documentation are included in Appendix C. In the interest of reducing paper waste, the QA/QC sections of the laboratory reports have not been included with this report. QA/QC documentation has been retained in-house and will be provided upon request. Groundwater samples were also collected from multiple supply wells during this phase of investigation; however, the supply well dissolved phase contamination analytical results are discussed in Section 5.2.2.

Analytical results of the groundwater samples collected from monitoring wells MW04, MW05, and MW06 yielded evidence of dissolved phase petroleum contamination. The groundwater samples collected from MW04 and MW05 installed hydraulically downgradient of the UST basin yielded the highest TPH-GRO, TPH-DRO, BTEX, MTBE, and naphthalene dissolved phase contamination concentrations observed during this phase of investigation. In addition, limited TPH-GRO, TPH-DRO, toluene, ethylbenzene, xylenes, and MTBE contamination also was observed in the hydraulically upgradient monitoring well MW06. Table 5 is a summary of the monitoring well dissolved phase analytical results.

Table 4.

Summary of Calculated Purge Volumes

Well Identification	Date	Depth to Product (feet)	Depth to Water (feet)	Amount of Product (feet)	Total Well Depth (feet)	Water Column (feet)	Well Diameter (inches)	Conversion Factor (gallons/feet)	Volume Purged (gallons)
MW01	02/27/14	31.21	32.50	1.29	54.28	22.72[1]	2.0	0.163	~87[2]
	03/12/14	31.05	31.67	0.62		23.06[1]			NA[3]
MW02	02/27/14	30.27	36.24	5.97	50.22	18.33[1]	2.0	0.163	~87[2]
	03/12/14	30.11	35.65	5.54		18.61[1]			NA
MW03	02/27/14	31.50	35.82	4.32	50.14	17.47[1]	2.0	0.163	~87[2]
	03/12/14	31.32	35.26	3.94		17.75[1]			NA
MW04	02/27/14	NA	31.85	NA	45.34	13.49	2.0	0.163	~8.0[2]
	03/12/14	NA	31.50	NA		13.84			6.77
MW05	02/27/14	NA	31.69	NA	45.25	13.56	2.0	0.163	~8.0[2]
	03/12/14	NA	31.31	NA		13.94			6.82
MW06	02/27/14	NA	30.88	NA	45.05	14.17	2.0	0.163	~8.0[2]
	03/12/14	NA	30.47	NA		14.58			7.13

[1]Due to the presence of free phase petroleum, the actual water column was calculated using a gasoline density of 0.729 g/ml.
[2]The volume purged from each monitoring well on 02/27/14 is estimated from the total volume of water recovered during the vacuum truck event.
[3]NA = Not applicable.

Table 5.

Summary of Monitoring Well Dissolved Phase Analytical Results

Well Identification	Date	TPH-GRO[1]	TPH-DRO[2]	Benzene[3]	Toluene	Ethyl-benzene	Xylenes	MTBE	Naphthalene
MW04	03/12/14	**3,870**	**1,220**	**483**	**81.4**	**30.4**	**347**	**1,500**	**11.7**
MW05	03/12/14	**4,080**	**607**	**501**	**47.2**	**81.9**	**590**	**1,350**	**9.77**
MW06	03/12/14	**136**	**230**	ND	**3.18**	**2.98**	**18.7**	**4.46**	ND

[1]TPH (gasoline range organics) analysis via U.S. EPA SW-846 method 8015B; reported in micrograms per liter (µg/L).
[2]TPH (diesel range organics) analysis via U.S. EPA SW-846 method 8015B; reported in µg/L.
[3]BTEX, MTBE, naphthalene analysis via U.S. EPA SW-846 method 8021B; reported in µg/L.
[4]ND = Non Detected.

4.4.4 Free Product

Measurable free phase petroleum was observed during soil boring/monitoring well installation activities performed during this phase of investigation. As a result, the VA DEQ requested free product recovery events utilizing a vacuum truck be performed. On February 27, 2014, a vacuum truck on contract with EVO was utilized to perform the initial recovery event. Prior to the initiating the recovery event, Greene recorded the static water level and free product thicknesses using a Heron Instruments, Inc. electronic interface probe. The depth to product/groundwater measurements were recorded from a reference mark placed on the top of each well casing. Measurable free product thicknesses of 1.29 feet, 5.97 feet, and 4.32 feet were observed within monitoring wells MW01, MW02, and MW03, respectively. However, due to the screened interval being installed below groundwater, the free product thickness in monitoring well MW01 is likely higher than the measured 1.29 feet. Greene will attempt to manipulate monitoring well MW01 during the drilling activities recommended during the next phase of investigation in an effort to have a screened interval above the free product/equilibrated groundwater table.

Following the recording of the free product thicknesses, reinforced tubing and PVC pipe installed below the groundwater were utilized to apply the vacuum within monitoring wells MW01, MW02, and MW03 for approximately 1-2 hours to perform free product recovery activities. A total of 280 gallons of free product and highly concentrated dissolved phase petroleum contamination were recovered during the February 27, 2014 vacuum truck event. However, this total also includes groundwater recovered when performing well development activities at monitoring wells MW04, MW05, and MW06. As a result, the specific volume of liquid recovered from each individual well is unknown.

Subsequent to the initial recovery event, Greene performed seven additional gauging events and five additional vacuum truck recovery events at the Meadows of Dan Food Market facility during this phase of investigation. Gauging events were performed on March 6, 2014 and March 12, 2014 and recovery events were performed on March 10, 2014, March 14, 2014, March 19, 2014, March 28, 2014, and April 7, 2014. Vacuum trucks for these recovery events were provided under contract by either EVO or Environmental Options, Inc. (EO) of Rocky Mount, VA. A summary of the free product thicknesses observed during this phase of investigation is provided in Table 6. Table 7 is a summary of the product recovery events performed during this phase of work. Copies of the vacuum truck Bill of Lading, Non Hazardous Waste Manifests, and Certificates of Disposal generated during the free product recovery events are included in Appendix F.

On March 19, 2014, Greene collected a sample of the free product within monitoring well MW02. The free product sample was collected using a dedicated, disposable, HDPE bailer and was transferred directly into the appropriate sample containers. Clean, disposable nitrile gloves were used during all phases of sample collection. The product sample was collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to Southern Petroleum Laboratories, Inc. (SPL) of Houston, TX. The product sample was submitted for paraffins, isoparaffins, aromatics, napthenes, and olefins (PIANO) analysis including benzene, toluene, ethylbenzene, xylenes, (BTEX), methyl tert-butyl ether (MTBE), ethyl tert-butyl ether (ETBE), tert-Amyl methyl ether (TAME), diisopropyl ether (DIPE), and tert-Amyl alcohol (TAA), as well as a product identification narrative (PIN). Laboratory results had not yet been received as of the reporting date, and as such, Greene will include these results in the report for the next phase of investigation.

Table 6.

Summary of Historic & Current Free Product Thicknesses

Well Identification	Date	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)
MW01	02/27/14	31.21	32.50	1.29[1]
	03/06/14	31.33	31.91	0.58[1]
	03/10/14	31.34	31.96	0.62[1]
	03/12/14	31.05	31.67	0.62[1]
	03/14/14	31.29	31.89	0.60[1]

Table 6 (Cont'd).

Summary of Historic & Current Free Product Thicknesses

Well Identification	Date	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)
MW01 (Cont'd)	03/19/14	32.90	33.20	0.30[1]
	03/28/14	31.21	31.68	0.47[1]
	04/07/14	31.08	31.24	0.16[1]
MW02	02/27/14	30.27	36.24	5.97
	03/06/14	30.38	35.91	5.53
	03/10/14	30.22	35.87	5.65
	03/12/14	30.11	35.65	5.54
	03/14/14	30.41	35.61	5.20
	03/19/14	30.30	35.92	5.62
	03/28/14	30.28	35.30	5.02
	04/07/14	30.18	35.03	4.85
MW03	02/27/14	31.50	35.82	4.32
	03/06/14	31.37	36.05	4.68
	03/10/14	31.18	36.13	4.95
	03/12/14	31.32	35.26	3.94
	03/14/14	31.40	35.70	4.30
	03/19/14	31.11	35.90	4.79
	03/28/14	31.03	36.05	5.02
	04/07/14	30.85	36.06	5.21

[1]Well screen installed below groundwater; product thickness is likely higher than the measured value.

Table 7.

Summary of Free Product Recovery Events

Event Date	Well Identification	Pre-Event Product Thickness (feet)	Post-Event Product Thickness (feet)	Approximate Time Vacuum Applied (minutes)	Total Recovery (gallons)	Cumulative Recovery (gallons)
02/27/14	MW01	1.29[1]	0.00	100	261	261
	MW02	5.97	1.11	100		
	MW03	4.32	0.00	50		
03/10/14	MW01	0.62[1]	0.00	60	300	561
	MW02	5.65	0.73	60		
	MW03	4.95	0.00	65		
03/14/14	MW01	0.60[1]	0.00	60	175	736
	MW02	5.20	0.09	60		
	MW03	4.30	0.00	95		
03/19/14	MW01	0.30[1]	0.00	30	248	984
	MW02	5.62	0.75	50		
	MW03	4.79	0.00	45		
03/28/14	MW01	0.47[1]	0.00	60	400	1,384
	MW02	5.02	0.07	85		
	MW03	5.02	0.00	60		
04/07/14	MW01	0.16[1]	0.00	60	375	1,759
	MW02	4.85	0.02	60		
	MW03	5.21	0.00	60		

[1]Well screen installed below groundwater; product thickness is likely higher than the measured value.

5.0 Risk Assessment

Greene performed a risk assessment to evaluate the potential risk to human health and the environment associated with the petroleum compounds detected at the site. The findings of the risk assessment are presented in the following sections.

5.1 Identification of Receptors

On January 31, 2014, Greene performed a ¼-mile radius receptor survey to identify potential receptors to the confirmed petroleum contamination located at the Meadows of Dan Food Market facility. Greene identified and visited five residential properties, 13 commercial properties, and one church property during this phase of investigation. At each of the 19 properties Greene attempted to confirm the presence of a drinking water well, spring, or additional potential receptor to petroleum contamination. Further, a drinking water sample was collected from the property if permission was granted. Drinking water sampling and analytical results are discussed in Section 5.2. If Greene was unable to contact anyone at the property a limited visual inspection was performed and a contact letter was left. Results of the ¼-mile radius receptor survey performed on January 31, 2014 and additional follow-up activities have identified 14 drilled supply wells and two springs. In addition, topographic information indicates the nearest potential surface water receptor, an unnamed intermittent tributary to Tuggle Creek, is located approximately 950 feet to the east. A summary of the results obtained during the ¼-mile radius receptor survey and follow-up activities is included in Table 8. A Potential Receptors Location Map is included in Appendix A.

Table 8.
¼-Mile Radius Receptor Survey Results

Receptor ID	Name/Address[1]	Well/Spring Location From UST System	Potential Receptor Information, Current Use, Installation Date, & Construction Details
DW01	Meadows of Dan Food Market 2609 Jeb Stuart Highway	~75 feet Northwest	Property maintains a drilled supply well with steel casing located within the store building. The date of installation and additional construction details are unknown.
DW02	Poor Farmer's Market 2616 Jeb Stuart Highway	~135 feet South	Property maintains a drilled supply well with steel casing located within the store building. The well was reportedly installed in 1962. Additional construction details are unknown. A residence is also located on the property, which obtains potable water from the same onsite supply well.
DW03	Jane's County Café 2588 Jeb Stuart Highway	~255 feet Southwest	Property maintains a drilled supply well with steel casing located within a well house behind the café. The date of installation and additional construction details are unknown.
DW04	Commercial Property 2554 Jeb Stuart Highway	~375 feet Southwest	A drilled supply well is located beneath the wooden porch at the DW04 property. The drilled supply well reportedly provides potable water to the properties identified as DW04, DW05, and DW06. The date of installation and additional construction details are unknown.
DW05	Commercial Property (For Sale) Formerly Dan River Books 36 Concord Road		
DW06	Commercial Property (Seasonal) 10 Concord Road		

Table 8 (Cont'd).

¼-Mile Radius Receptor Survey Results

Receptor ID	Name/Address[1]	Well/Spring Location From UST System	Potential Receptor Information, Current Use, Installation Date, & Construction Details
DW07	Mountain Meadow Farm & Craft (seasonal) 12134 Squirrel Spur Road	~1,210 feet Southwest	A spring/spring house is located on the DW08 property. The spring reportedly provides potable water to both the DW07 and DW08 properties.
DW08	Greenberry House Yarn 12206 Squirrel Spur Road	~730 feet Southwest	
DW09	Burnette Residence 282 Concord Road	~1,300 feet Southeast	Property maintains a spring/spring house that reportedly provides potable water to the property.
DW10	Meadows of Dan Community Center 2858 Jeb Stuart Highway	~1,350 feet East-Southeast	Property maintains a drilled supply well located within the Meadows of Dan Community Center building. The date of installation and construction details are unknown.
DW11	Agee Residence 2882 Jeb Stuart Highway	~1,415 feet East-Northeast	Property maintains a drilled supply well with PVC casing located on the east side of the residence. The date of installation and additional construction details are unknown.
DW12	Spangler Residence 2734 Jeb Stuart Highway	~630 feet East-Southeast	Property reportedly maintains a drilled supply well located on the south side of the residence. The supply well casing is reportedly buried and its exact location is unknown. The date of installation and additional construction details are unknown.
DW13	Stanley Residence 2727 Jeb Stuart Highway	~550 feet East-Northeast	Property maintains a drilled supply well with steel casing located on the south side of the residence. The supply well is reportedly 340 feet deep; however, the date of installation and additional construction details are unknown.
DW14	Private Residence 2685 Jeb Stuart Highway	~325 feet East	Property maintains a drilled supply well with PVC casing located on the south side of the residence. The supply well was reportedly installed in ~2008-2009. Additional construction details are unknown.
DW15	Nancy's Candy Company 2684 Jeb Stuart Highway	~370 feet Southeast	Property maintains a drilled supply well with steel casing located on the south side of the building. The supply well was installed in 1998 to approximately 405 feet below the ground surface. In addition, 105 feet of steel casing was installed and the well was grouted from 0-50 feet.
DW16	Commercial Property Former Mountain House Restaurant 2639 Jeb Stuart Highway	~175 feet East	Property maintains a drilled supply well with steel casing located within a well house on the east side of the property. The supply well was reportedly installed in 1982 to approximately 280 feet below the ground surface. Additional construction details are unknown.

Table 8 (Cont'd).

¼-Mile Radius Receptor Survey Results

Receptor ID	Name/Address[1]	Well/Spring Location From UST System	Potential Receptor Information, Current Use, Installation Date, & Construction Details
DW17	Commercial Building (Multiple Businesses) 2577 Jeb Stuart Highway Meadows Merchant Building LLC	~200 feet Northwest	Property maintains a drilled supply well with steel casing located on the north side of the property. The top of casing is located below the ground within larger concrete casing. The date of installation and additional construction details are unknown.
DW18	Meadows of Dan Baptist Church 2511 Jeb Stuart Highway	~400 feet Northwest	Property maintains a drilled supply well with steel casing located within the parsonage. The date of installation and additional construction details are unknown.
DW19	Century Link Property 2646 Jeb Stuart Highway	~190 feet Southeast	Property maintains a drilled supply well located on the north side of the property. The top of casing is located below the ground within a manway. The date of installation and additional construction details are unknown.

[1]Addresses are located in Meadows of Dan, VA 24120

5.2 Identification of Exposure Pathways

The identification of potential exposure pathways is necessary to evaluate the risk posed by the extent of the release. An exposure pathway requires that there be some mechanism for any person or population to come into contact with one or more of the media which contain the contaminant of concern. No risk is assumed in the absence of contamination or in the absence of an exposure pathway.

5.2.1 Inhalation

The presence of asphalt, concrete, and gravel surface coverings in the immediate vicinity of the UST system mitigates concern associated with potential exposure to VOC vapors emanating from the subsurface.

5.2.2 Ingestion

The most likely pathway for the ingestion of petroleum contamination would be through consumption of contaminated groundwater within the area. As part of the receptor survey performed on January 31, 2014, Greene collected drinking water samples from receptor locations DW01, DW02, DW03, DW12, DW13, DW14, DW16, and DW17. The drinking water samples were collected from inside faucets, outside hydrants, or outside spigots subsequent to allowing the water to flow for approximately 10 minutes. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped

overnight to TestAmerica, Inc. of Nashville, TN. The supply well samples were submitted for VOCs analysis via EPA method 8260B.

Analytical results of the drinking water samples collected from receptor locations DW01, DW13, DW14, DW16, and DW17 yielded Non Detected for all analytes. However, analytical results of the drinking water samples collected from receptor locations DW02, DW03, and DW12 yielded evidence of dissolved phase petroleum contamination. The drinking water sample collected from DW02 (Poor Farmer's Market) yielded an MTBE concentration of 76.9 micrograms per liter (µg/L). In addition, the drinking water sample collected from DW03 (Jane's Country Café) yielded benzene, 1,2-Dichloroethane, and MTBE concentrations of 14.4 µg/L, 1.24 µg/L, and 38.7 µg/L, respectively. Further, the drinking water sample collected from DW12 (Spangler Residence) yielded an MTBE concentration of 3.62 µg/L. Upon receiving these results on February 7, 2014, Greene contacted the property owners and the VA DEQ to report the impact of petroleum in the drinking water wells. In addition, VA DEQ personnel requested that the impacted supply wells be resampled to confirm the presence of dissolved phase petroleum contamination.

Benzene is a volatile organic chemical found in crude oil and gasoline. 1,2-Dichloroethane is a chlorinated hydrocarbon primarily utilized in the production of plastics. It was also used as an anti-knock agent in leaded fuels. The Environmental Protection Agency (EPA) has established a drinking water standard of 5.0 µg/L for both benzene and 1,2-Dichlorobenzene. MTBE is a readily water soluble fuel oxygenate first added to gasoline formulations in 1979. The EPA maintains an advisory level of 20 µg/L to 40 µg/L as published in the "EPA Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MtBE)." However, there is currently no drinking water standard for MTBE, and the advisory level is primarily based on eliminating adverse taste and/or odor.

On February 7, 2014, Greene resampled the drinking water wells located at receptor locations DW02, DW03, and DW12. Due to reports of an in-line filter installed at the DW02 property Greene collected two samples from this location. Drinking water sample DW02-1 was collected from an outside hydrant and DW02-2 was collected from an inside kitchen faucet subsequent to allowing the water to flow for approximately 10 minutes. The drinking water samples collected from receptor locations DW03 and DW12 also were collected from kitchen faucets subsequent to allowing the water to flow for approximately 10 minutes. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to TestAmerica, Inc. of Nashville, TN for VOCs analysis via EPA method 8260B.

Analytical results of the drinking water samples collected on February 7, 2014, confirmed the presence of dissolved phase contamination at receptor locations DW02, DW03, and DW12. The drinking water samples collected from DW02 (Poor Farmer's Market) yielded MTBE concentrations of 74.6 µg/L (DW02-1) and 76.5 µg/L (DW02-2). The drinking water sample collected from DW03 (Jane's Country Café) yielded an MTBE concentration of 2.71 µg/L, and the drinking water sample collected from DW12 (Spangler Residence) yielded an MTBE concentration of 3.40 µg/L. The results obtained at DW02 and DW12 did not exhibit any significant change in dissolved phase contamination between the samples collected on January 31, 2014 and the samples collected on February 7, 2014. However, analytical results of the drinking water sample collected from DW03 on February 7, 2014 yielded a significantly lower MTBE concentration and yielded Non Detected for all additional analytes.

As requested by VA DEQ personnel, Greene returned to the subject site on February 10, 2014 to collect a sample from the onsite supply well (DW01) to confirm the lack of dissolved phase petroleum contamination. In addition, Greene also collected drinking water samples from receptor locations DW02 (DW02-1 and DW02-2), DW03, DW10, DW11, DW12, DW13, DW14, DW15, DW16, and DW17. The drinking water samples were collected from inside faucets, outside hydrants, or outside spigots subsequent to allowing the water to flow for approximately 10 minutes. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to TestAmerica, Inc. of Nashville, TN. The supply well samples collected from DW02, DW03, and DW12 were submitted for semi-volatile organic compound (SVOCs) analysis via EPA method 8270C. Supply well samples collected from DW01, DW10, DW11, DW13, DW14, DW15, DW16, and DW17 were submitted for VOCs and SVOCs analysis via EPA methods 8260B and 8270C, respectively.

Analytical results of the drinking water samples collected from receptor locations DW02, DW03, DW12, and DW15 on February 10, 2014 yielded Non Detected for SVOCs. In addition, drinking water samples collected from DW01, DW10, DW11, DW13, DW14, DW16, and DW17 yielded Non Detected for VOCs and SVOCs. However, analytical results of the drinking water sample collected from receptor location DW15 (Nancy's Candy Company) yielded an MTBE concentration of 10.9 µg/L. Upon receiving this result on February 14, 2014, Greene contacted the Nancy's Candy Company facility to report the impact of petroleum in the drinking water well. Due to inclement weather, Greene was unable to directly contact the VA DEQ; however, Greene notified the VA DEQ electronically on February 16, 2014.

On February 17, 2014, Greene resampled the drinking water wells located at receptor locations DW03 and DW15. The drinking water samples were collected from kitchen faucets subsequent to allowing the water to flow for approximately 10 minutes. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to TestAmerica, Inc. of Nashville, TN for VOCs and SVOCs analysis via EPA methods 8260B and 8270C, respectively. Analytical results of the drinking water samples collected on February 17, 2014, confirmed the presence of dissolved phase contamination at receptor locations DW03 and DW15. The drinking water sample collected from DW03 (Jane's Country Café) yielded an MTBE concentration of 1.83 µg/L and the drinking water sample collected from DW15 (Nancy's Candy Company) yielded an MTBE concentration of 15.5 µg/L.

During drilling activities being performed at the Meadows of Dan Food Market facility on February 25, 2014 and February 26, 2014, Greene collected drinking water samples from receptor locations DW09, DW18, and DW19. Receptor location DW09 obtains potable water from a spring; however, the pump from the spring to the residence was out of service for the winter season. As a result Greene collected the drinking water sample directly from the flowing spring within the spring house. The drinking water samples collected from receptor locations DW18 and DW19 were collected from bathroom faucets subsequent to allowing the water to flow for approximately 10 minutes. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to TestAmerica, Inc. of Nashville, TN for VOCs and SVOCs analysis via EPA methods 8260B and 8270C, respectively. Analytical results of the drinking water samples collected on February 25, 2014 and February 26, 2014 yielded Non Detected for VOCs and SVOCs at DW09, DW18, and DW19.

To confirm the lack of dissolved phase petroleum contamination at DW09, DW18, and DW19, Greene resampled the drinking water at these receptor locations on March 12, 2014. In addition, Greene also collected a drinking water sample from receptor location DW07. Receptor locations DW07 and DW08 reportedly share a spring and therefore a sample was not collected from DW08. Receptor location DW09 obtains potable water from a spring; however, the pump from the spring to the residence was out of service for the winter season. As a result Greene collected the drinking water sample directly from the flowing spring within the spring house. Receptor location DW07 also obtains potable water from a spring; however, Greene was able to collect the DW07 drinking water sample from a spigot located on the pressure vessel within the spring house subsequent to allowing the water to flow for approximately 10 minutes. The drinking water samples collected from

receptor locations DW18 and DW19 were collected from bathroom faucets subsequent to allowing the water to flow for approximately 10 minutes. Clean, disposable nitrile gloves were used during all phases of sample collection. All water samples were collected in glass sampling bottles, entered onto a chain of custody document, sealed inside a shipping cooler on ice, and shipped overnight to TestAmerica, Inc. of Nashville, TN for VOCs and SVOCs analysis via EPA methods 8260B and 8270C, respectively. Analytical results of the drinking water samples collected on March 12, 2014 yielded Non Detected for VOCs and SVOCs at DW07 and DW19. Further, the drinking water analytical results collected on March 12, 2014 yielded Non Detected for VOCs at DW09 and DW18. However, Bis(2-ethylhexl) phthalate concentrations of 21.0 μg/L and 26.1 μg/L were observed at receptor locations DW09 and DW18, respectively. Bis(2-ethylhexl) phthalate is primarily utilized in the production of PVC and vinyl chloride and is generally not associated with petroleum releases. As a result, Greene contacted TestAmerica, Inc. personnel to discuss the detection of Bis(2-ethylhexl) phthalate. TestAmerica, Inc. personnel stated that the source of the low level Bis(2-ethylhexl) phthalate concentrations has been traced to tubing utilized by the laboratory during the extraction process of the analysis. TestAmerica, Inc. stated that the low levels of Bis(2-ethylhexl) phthalate detected at DW09 and DW18 are likely from the tubing and not real detects. Copies of the laboratory results and chain of custody documentation are included in Appendix C. In the interest of reducing paper waste, the QA/QC sections of the laboratory reports have not been included with this report. QA/QC documentation has been retained in-house and will be provided upon request.

To mitigate concern associated with ingestion of petroleum impacted drinking water, the property owners of the impacted receptors (DW02, DW03, DW12, and DW15) were notified upon receipt of the initial laboratory analytical results and additional sampling was performed to confirm petroleum impact to the drinking water. Subsequent to obtaining confirmation of petroleum impact to drinking water, the properties were provided potable water. Greene informed the property owners that initially they would be provided with bottled water and would be reimbursed for potable water they purchased to be utilized at their property. Greene also informed the property owners that an alternate water supply (AWS) referral form would be completed and VA DEQ AWS program personnel should be contacting them to schedule the installation of carbon filtration units (CFU).

On February 11, 2014, approximately 125 gallons of potable water were delivered to Jane's County Café (DW03). In addition, on February 17, 2014, approximately 80 gallons of potable water were delivered to the Poor Farmer's Market (DW02), approximately 80 gallons of potable water were delivered to Jane's County Café (DW03), and approximately 10 gallons of potable water were delivered to the Spangler Residence

(DW12). An additional eight gallons of water were delivered to the Spangler Residence on both February 27, 2014 and March, 14, 2014. On February 19, 2014, a VA DEQ AWS program approved contractor installed the CFU system at Nancy's Candy Company (DW15). Additional CFU systems were installed at the Poor Farmer's Market (DW02), Jane's County Café (DW02), and the Spangler Residence (DW12) on February 21, 2014, February 21, 2014, and March 14, 2014, respectively.

As part of the CFU system installation and maintenance activities pre-treatment drinking water samples are routinely collected. The VA DEQ AWS program approved contractor collected pre-filtration drinking water samples from DW02, DW03, and DW15 on February 19, 2014, and from DW12 on March 6, 2014. Analytical results of the drinking water samples collected on behalf of the VA DEQ AWS program also yielded measurable levels of dissolved phase contamination. The drinking water samples collected from DW02 (Poor Farmer's Market) and DW03 (Jane's County Café) yielded MTBE concentrations of 35.1 µg/L and 5.0 µg/L, respectively. The drinking water samples collected from DW12 (Spangler Residence) and DW15 (Nancy's Candy Company) yielded MTBE concentrations of 3.5 µg/L and 15.7 µg/L, respectively. Greene obtained the analytical results collected on behalf of the VA DEQ AWS program included in this report from Mr. Harmon Fisher with the VA DEQ AWS program. Copies of the laboratory results and chain of custody documentation for the samples collected on behalf of the VA DEQ AWS program are not included in this report and any request for this documentation should be made to the VA DEQ AWS program. Table 9 is a summary of the drinking water dissolved phase analytical results.

Table 9.
Summary of Drinking Water Dissolved Phase Analytical Results

Receptor ID	Sample Date	VOCs[1]	SVOCs[2]
DW01	01/31/14	ND[3] for all VOCs via 8260	NA[4]
	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW02 (outside hydrant)	01/31/14	MTBE = 76.9; ND for all other VOCs via 8260	NA
	02/07/14	MTBE = 74.6; ND for all other VOCs via 8260	NA
	02/10/14	NA	ND for all SVOCs via 8270
	02/19/14[5]	MTBE = 35.1; ND for all other VOCs via 8260	ND for all SVOCs via 8270
DW02 (kitchen faucet)	02/07/14	MTBE = 76.5; ND for all other VOCs via 8260	NA
	02/10/14	NA	ND for all SVOCs via 8270

Table 9 (Cont'd).

Summary of Drinking Water Dissolved Phase Analytical Results

Receptor ID	Sample Date	VOCs[1]	SVOCs[2]
DW03	01/31/14	Benzene = 14.4 1,2-Dichloroethane = 1.24 MTBE = 38.7 ND for all other VOCs via 8260	NA
	02/07/14	MTBE = 2.71; ND for all other VOCs via 8260	NA
	02/10/14	NA	ND for all SVOCs via 8270
	02/17/14	MTBE = 1.83; ND for all other VOCs via 8260	ND for all SVOCs via 8270
	02/19/14[5]	MTBE = 5.0; ND for all other VOCs via 8260	ND for all SVOCs via 8270
DW04 DW05 DW06	Unable to collect sample from shared well due to power being disconnected.		
DW07 DW08	03/12/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW09	02/25/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
	03/12/14	ND for all VOCs via 8260	Bis(2-ethylhexl) phthalate = 21.0; ND for all other SVOCs via 8270
DW10	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW11	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW12	01/31/14	MTBE = 3.62; ND for all other VOCs via 8260	NA
	02/07/14	MTBE = 3.40; ND for all other VOCs via 8260	NA
	02/10/14	NA	ND for all SVOCs via 8270
	03/06/14[5]	MTBE = 3.5; ND for all other VOCs via 8260	ND for all SVOCs via 8270
DW13	01/31/14	ND for all VOCs via 8260	NA
	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW14	01/31/14	ND for all VOCs via 8260	NA
	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270

Table 9 (Cont'd).

Summary of Drinking Water Dissolved Phase Analytical Results

Receptor ID	Sample Date	VOCs[1]	SVOCs[2]
DW15	02/10/14	MTBE = 10.9; ND for all other VOCs via 8260	ND for all SVOCs via 8270
	02/17/14	MTBE = 15.5; ND for all other VOCs via 8260	ND for all SVOCs via 8270
	02/19/14[5]	MTBE = 15.7; ND for all other VOCs via 8260	ND for all SVOCs via 8270
DW16	01/31/14	ND for all VOCs via 8260	NA
	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW17	01/31/14	ND for all VOCs via 8260	NA
	02/10/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
DW18	02/26/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
	03/12/14	ND for all VOCs via 8260	Bis(2-ethylhexl) phthalate = 26.1; ND for all other SVOCs via 8270
DW19	02/25/14	ND for all VOCs via 8260	ND for all SVOCs via 8270
	03/12/14	ND for all VOCs via 8260	ND for all SVOCs via 8270

[1]VOCs (Volatile Organic Compounds) analysis via U.S. EPA SW-846 method 8260B; reported in micrograms per liter (µg/L).
[2]SVOCs (Semi-Volatile Organic Compounds) analysis via U.S. EPA SW-846 method 8270C; reported in µg/L.
[3]ND = Non Detected.
[4]NA = Not Analyzed.
[5]Drinking water samples collected on behalf of the VA DEQ AWS program.

5.2.3 Dermal Contact

The UST system is covered with asphalt, concrete, and gravel mitigating concern associated with potential contact with adsorbed phase contaminants. Carbon filtration units have been installed at receptor locations DW02, DW03, DW12, and DW15 mitigating concern associated with potential contact with dissolved phase contaminants.

6.0 Plume Migration Direction and Rate

Due to the presence of free phase petroleum, Greene was unable to collect groundwater samples proximal to the source of contamination. Based on the lack of source data, isoconcentration maps utilizing the dissolved phase data available would indicate the highest dissolved phase contamination to be located proximal to Jeb Stuart Highway and trending north, which is opposite of the measured groundwater flow direction. As a result, isoconcentration maps were not included with this report nor was simple fate and transport modeling

performed during this phase of investigation. Based on the potentiometric map (03/12/14), groundwater and the associated dissolved phase plume are likely flowing in a south direction from the UST basin located at the Meadows of Dan Food Market. Aquifer characterization performed during this phase of investigation indicates the shallow groundwater is flowing approximately 0.0621 feet per day. The contaminant plume would be expected to migrate at this rate with pockets of greater rates where conduits permit flow in channels rather than migration through the soil structure.

7.0 Remediation Assessment

The following sections outline applicable remediation technologies that are commonly implemented at petroleum impacted sites that warrant corrective action measures.

7.1 Description of Remediation Alternatives

7.1.1 Soil Vapor Extraction with In Situ Air Sparging

Vapor extraction refers to the technique of removing contaminant vapors from the unsaturated zone by means of active or passive venting. A network of extraction points is installed either vertically or horizontally within the contaminated zone and manifolded to a surface discharge point. Extracted vapors either are vented directly to the atmosphere or to an off-gas treatment unit. The need for off-gas treatment likely is a function of site-specific conditions and local regulatory emission standards. Active vapor extraction has proven to expedite remediation of free- and dissolved-phase contamination as well. The decreased pore pressure within the unsaturated zone created by the induced vacuum increases the volatilization of contaminants within the respective plumes below.

Sparging has been used successfully to expedite remediation through vapor extraction. Sparging involves the injection of air into the subsurface through a series of injection points. The introduction of clean air increases the rate of pore volume exchange between clean air and the subgrade contaminant vapor. A greater percentage of contaminant vapor can then be extracted using a vapor extraction system. Groundwater sparging, the introduction of clean air into the phreatic zone, has been used with great success in expediting the remediation of dissolved-phase contaminant plumes. Greatest efficiency has been documented through the use of groundwater sparging in association with vapor extraction systems. Remedial system design will require modifications to address the presence of voids/fractures. A comprehensive, tabular summary of this remedial approach is presented in Table 10.

Table 10. In Situ Air Sparging with Soil Vapor Extraction[1]	
Advantages	• reduction in VOC vapors below water bearing horizon • enhance vapor extraction and downgradient pumping effectiveness
Limitations	• effectiveness is limited in low permeability or heterogeneous media • removal of primarily volatile constituents • ability to facilitate vapor- and adsorbed-phase migration • maintenance of air distribution in groundwater; availability of performance data is limited
Cleanup Levels & Timing[2]	• generally, achieves maximum contaminant levels for VOCs • notable reduction in contaminant mass in ~6 months to 1 year [assuming no delays in corrective action and a relatively homogenous, permeable subsurface] • notable reduction in contaminant mass in ~6 months to 2 years [assuming minimal delays in corrective actions and a moderately heterogeneous, permeable subsurface]
Costs[3]	• ~$60,000 to $180,000 [assuming no delays in corrective action and a relatively homogenous, permeable subsurface] • ~$120,000 to $200,000 [assuming minimal delays in corrective action and a moderately heterogeneous, permeable subsurface]

[1]Source: U.S. Environmental Protection Agency, An Overview of Underground Storage Tank Options, Solid Waste and Emergency Response 5403W; EPA 510 F-93-029, October 1993.
[2]Site specific cleanup standards are determined by the state regulatory agency.
[3]Costs include necessary equipment and system operation and maintenance for the time frame specified.

7.1.2 Groundwater Pump & Treat

Groundwater pump and treat technology involves extracting contaminated groundwater for treatment at the surface. A network of groundwater recovery wells is installed, depending upon site specific conditions and hydrogeologic considerations. Groundwater is recovered from the extraction points through systematic pumping. Once at the surface, the extracted liquids can be treated on-site using various remedial components or transported off-site for treatment and disposal. On-site treatment methods may include activated carbon filtration, residence in a bioreactor, air stripping, etc. As in the case of vapor extraction, the use of an air stripper may require off-gas permitting. Further permitting may be required by the local regulatory agency for the discharge of the treated waste stream. A comprehensive, tabular summary of this remedial approach is presented in Table 11.

Table 11. Groundwater Pump & Treat Systems[1]	
Advantages	• reduction in contaminant concentrations and maintenance of areal extent of plume(s)
Limitations	• effectiveness is limited in aquifers with low permeability potential • may require extensive duration periods to achieve maximum efficiency • groundwater with a high iron content may affect treatment quality • monitoring of water table fluctuations throughout system operation
Cleanup Levels & Timing[2]	• ~1 to 3 years [assuming no delays in corrective action and a relatively homogenous, permeable subsurface, and minimal source contaminants] • ~2 to 5 years [assuming minimal delays in corrective actions and a moderately heterogeneous, permeable subsurface, and generous source contaminants]
Costs[3]	• ~$150,000 to $200,000 [assuming no delays in corrective action and a relatively homogenous, permeable subsurface, and minimal source contaminants] • ~$250,000 to $300,000 [assuming minimal delays in corrective action and a moderately heterogeneous, permeable subsurface, and generous source contaminants]

[1]Source: U.S. Environmental Protection Agency, An Overview of Underground Storage Tank Options, Solid Waste and Emergency Response 5403W; EPA 510-F-93-029, October 1993.
[2]Site specific cleanup standards are determined by the state regulatory agency.
[3]Costs include necessary equipment and system operation and maintenance for the time frame specified.

7.1.3 In Situ Bioremediation

In situ bioremediation involves a process where oxygen and nutrients are introduced to the unsaturated zone through well points or an infiltration gallery to promote contaminant degradation by naturally-occurring organisms. Commercially available bacteria also may be employed where the indigenous population is insufficient. The effectiveness of bioremediation is a function of various physical properties of the subsurface environment and the contaminants, though it is proven effective in most settings impacted by petroleum hydrocarbons. This process allows for treatment of contaminated groundwater in-place, eliminating the requirement for pumping and the subsequent treatment of extracted groundwater. Costs associated with the implementation and management of a bioremediation system may vary, but have been estimated between $60 and $123 per cubic yard ($40 to $90 per ton). Treatment time may vary significantly, generally ranging from six months to four years. A comprehensive, tabular summary of this remedial approach is presented in Table 12.

Table 12. In Situ Bioremediation[1]	
Advantages	• in-place degradation of contaminants • achieves lower concentrations than pump & treat
Limitations	• effectiveness is limited in low permeability or heterogeneous media • ability to transport nutrients and oxygen may be limited by soil and groundwater mineral content or pH • targets biodegradable constituents only
Cleanup Levels & Timing[2]	• generally, achieves maximum contaminant levels • achieves > or = 90% reduction of biodegradable constituents • ~90% reduction in 6 months to 1 year [assuming no delays in corrective action and a relatively homogenous, permeable subsurface] • ~90% reduction in 6 months to 4 years [assuming minimal delays in corrective actions and a moderately heterogeneous, permeable subsurface] • additional system operation time required for hydrocarbons maintaining a composition with a greater density
Costs[3]	• ~$150,000 to $250,000 [assuming no delays in corrective action and a relatively homogenous, permeable subsurface] • ~$200,000 to $500,000 [assuming minimal delays in corrective action and a moderately heterogeneous, permeable subsurface]

[1]Source: U.S. Environmental Protection Agency, An Overview of Underground Storage Tank Options, Solid Waste and Emergency Response 5403W; EPA 510-F-93-029, October 1993.
[2]Site specific Acleanup standards@ are determined by the state regulatory agency.
[3]Costs include necessary equipment and system operation and maintenance for the time frame specified.

7.1.4 Dual-Phase Extraction

Residual- and dissolved-phase petroleum compounds have been demonstrated by industry to effectively be removed using dual-phase extraction technology. A rotary-claw vacuum pump removes liquid- and vapor-phase contaminants from recovery wells or trenches. Aboveground treatment is dependent on the nature of the effluent waste stream, but typically it involves the mechanical separation of vapors, free-phase petroleum, and groundwater, removal of dissolved-phase compounds from groundwater via stripping and carbon filtration, and discharge of treated groundwater under applicable permit authority. Vapors may be emitted to the atmosphere without treatment if calculated emission rates are below permit threshold limits.

Dual-phase systems have proven to be effective in attaining remediation endpoints within one to four years. Capital costs associated with a fixed recovery and treatment system typically ranges from $80,000 to $200,000. Annual operation and maintenance costs typically range from $25,000 to $75,000. A comprehensive, tabular summary of this remedial approach is presented in Table 13.

Table 13. Dual-Phase Extraction[1]	
Advantages	• reduction in contaminant concentrations and maintenance of areal extent of plume(s) • ability to remove VOCs from soils • ability to dewater an area facilitating additional recovery of VOCs from soils • effective in low permeability or heterogeneous media
Limitations	• potential for treatment of vapor recovery stream • groundwater with a high iron content may affect treatment quality • monitoring of water table fluctuations throughout system operation
Cleanup Levels & Timing[2]	• notable reduction in contaminant mass in ~6 months to 1 year [assuming no delays in corrective action and a relatively homogenous, permeable subsurface] • notable reduction in contaminant mass in ~6 months to 2 years [assuming minimal delays in corrective actions and a moderately heterogeneous, permeable subsurface]
Costs[3]	• ~$80,000 to $180,000 [assuming no delays in corrective action and a relatively homogenous, permeable subsurface] • ~$120,000 to $200,000 [assuming minimal delays in corrective action and a moderately heterogeneous, permeable subsurface]

[1]Source: U.S. Environmental Protection Agency, An Overview of Underground Storage Tank Options, Solid Waste and Emergency Response 5403W; EPA 510 F-93-029, October 1993.
[2]Site specific cleanup standards are determined by the state regulatory agency.
[3]Costs include necessary equipment and system operation and maintenance for the time frame specified.

In some cases, short-term removal using a mobile dual-phase extraction and treatment system can be effective in recovering significant contaminant mass and reducing the long-term impact of petroleum releases. When performed as a feasibility study prior to issuance of a Corrective Action Plan, a 72-hour removal event typically costs approximately $15,000.

7.2 Remedial Technology Recommendation

The limited data obtained at the Meadows of Dan Food Market facility precludes the remedial recommendation for the subject site. Based on the site conditions as observed during SCR activities, corrective action measures will likely be warranted at the subject site. However, additional data is required to provide a more quantitative and qualitative evaluation of the free phase and dissolved phase plumes. Additional monitoring data and analytical results will be used to calculate contaminant transport estimates as well as remedial endpoints. Following the completion of all site characterization activities, Greene will recommend the remedial strategy to be utilized.

8.0 Conclusions and Recommendations

To date, vapor phase, residual phase, dissolved phase, and free phase petroleum contamination has been encountered in the subsurface at the Meadows of Dan Food Market property. Measurable free product thicknesses have been observed within three (MW01, MW02, and MW03) of the six monitoring wells installed onsite during this phase of investigation. In an effort to reduce the observed free phase petroleum, six vacuum

truck recovery events were performed at the property during this phase of work and approximately 1,759 gallons of free product and highly concentrated dissolved phase petroleum contamination have been recovered.

Groundwater samples collected from the three onsite monitoring wells without free product (MW04, MW05, and MW06) confirmed the presence of dissolved phase petroleum contamination in the groundwater. In addition, drinking water samples collected from the offsite receptor locations DW02 (Poor Farmer's Market), DW03 (Jane's Country Café), DW12 (Spangler Residence), and DW15 (Nancy's Candy Company) also yielded measurable dissolved phase petroleum contamination. In an effort to mitigate concern associated with the confirmed impact to potable water, carbon filtration units have been installed as part of the VA DEQ alternate water supply program at receptor locations DW02, DW03, DW12, and DW15.

Due to the presence of free phase petroleum, significant dissolved phase contamination onsite, and impact to offsite drinking water wells, Greene recommends additional work be performed at the Meadows of Dan Food Market facility as part of an SCR Addendum (SCRA). In an effort to reduce the thickness of the free product layer at the subject site, Greene recommends continued vacuum truck recovery events be performed. In addition, Greene recommends the installation of 3-4 additional onsite soil borings/groundwater monitoring wells, as well as the installation of 3-4 offsite soil borings/groundwater monitoring wells. Data obtained from soil samples collected during boring advancement will allow for the vertical delineation of residual phase contamination, while the water samples made possible by the installation of the monitoring wells will be utilized to further delineate the free phase and dissolved phase contaminant plumes. Subsequent to the installation of the additional monitoring wells, Greene recommends the performance of additional pump-down rising head testing to include the newly installed offsite monitoring wells. In addition, Greene recommends collecting a groundwater sample from beneath the free product layer in monitoring wells MW01, MW02, and MW03 to obtain dissolved phase source data. Data obtained from the source data sampling and pump-down tests as well as additional aquifer characterization will be utilized to further estimate the approximate limits of the dissolved phase contaminant plume, create isoconcentration maps, perform fate and transport modeling, and eventually aid in the determination of remedial endpoints.

Finally, Greene recommends additional drinking water sampling be performed. Greene recommends obtaining a drinking water sample from the shared supply well providing potable water to receptor locations DW04, DW05, and DW06 once the power has been reconnected. In addition, Greene recommends the continued sampling of drinking water at the likely downgradient receptor locations DW07/DW08, DW13, DW14, D16,

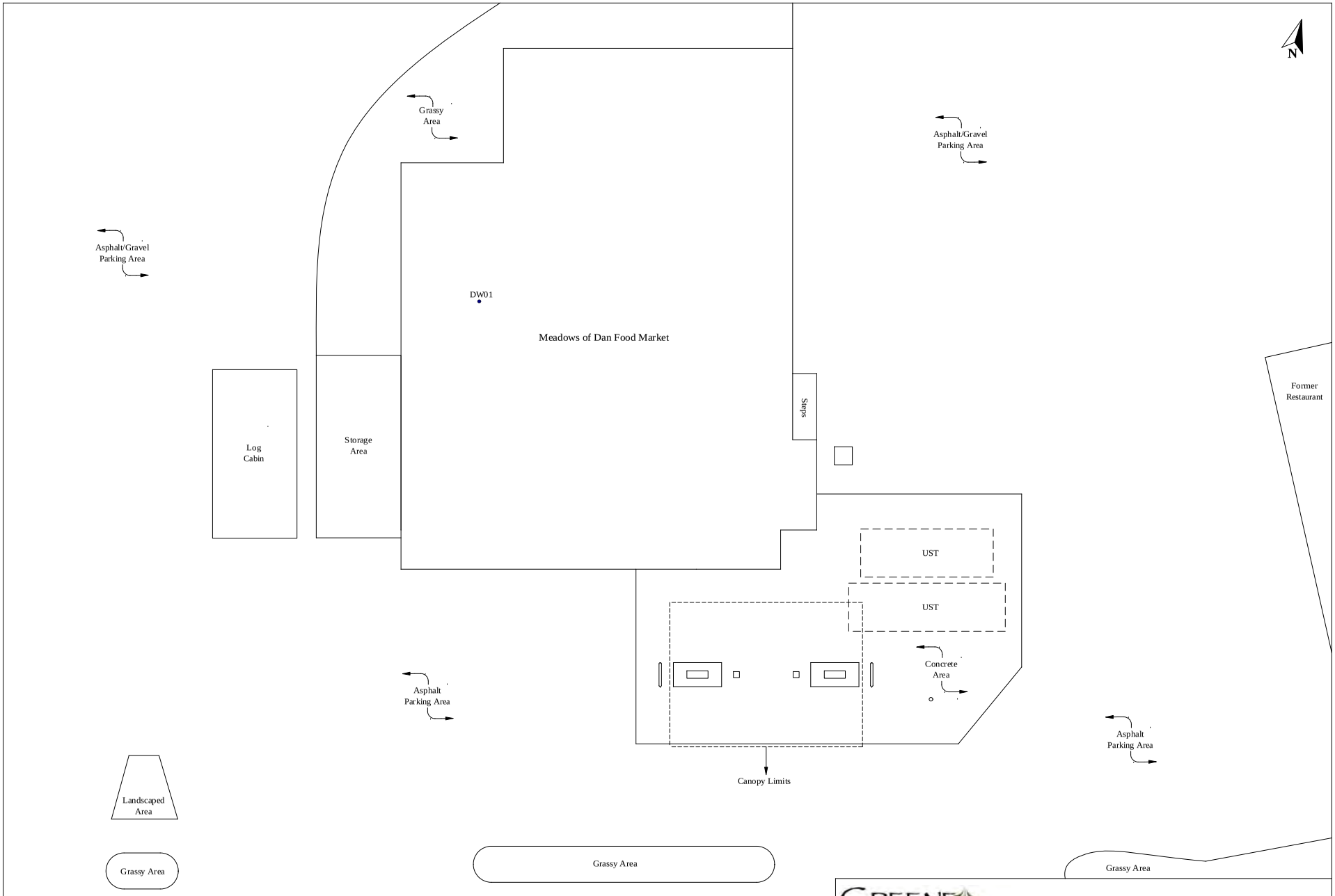
and DW19. As the VA DEQ AWS program will collect samples from receptor locations DW02, DW03, DW12, and DW15, Greene will no longer continue sampling from these locations.

End of the Site Characterization Report

APPENDIX A

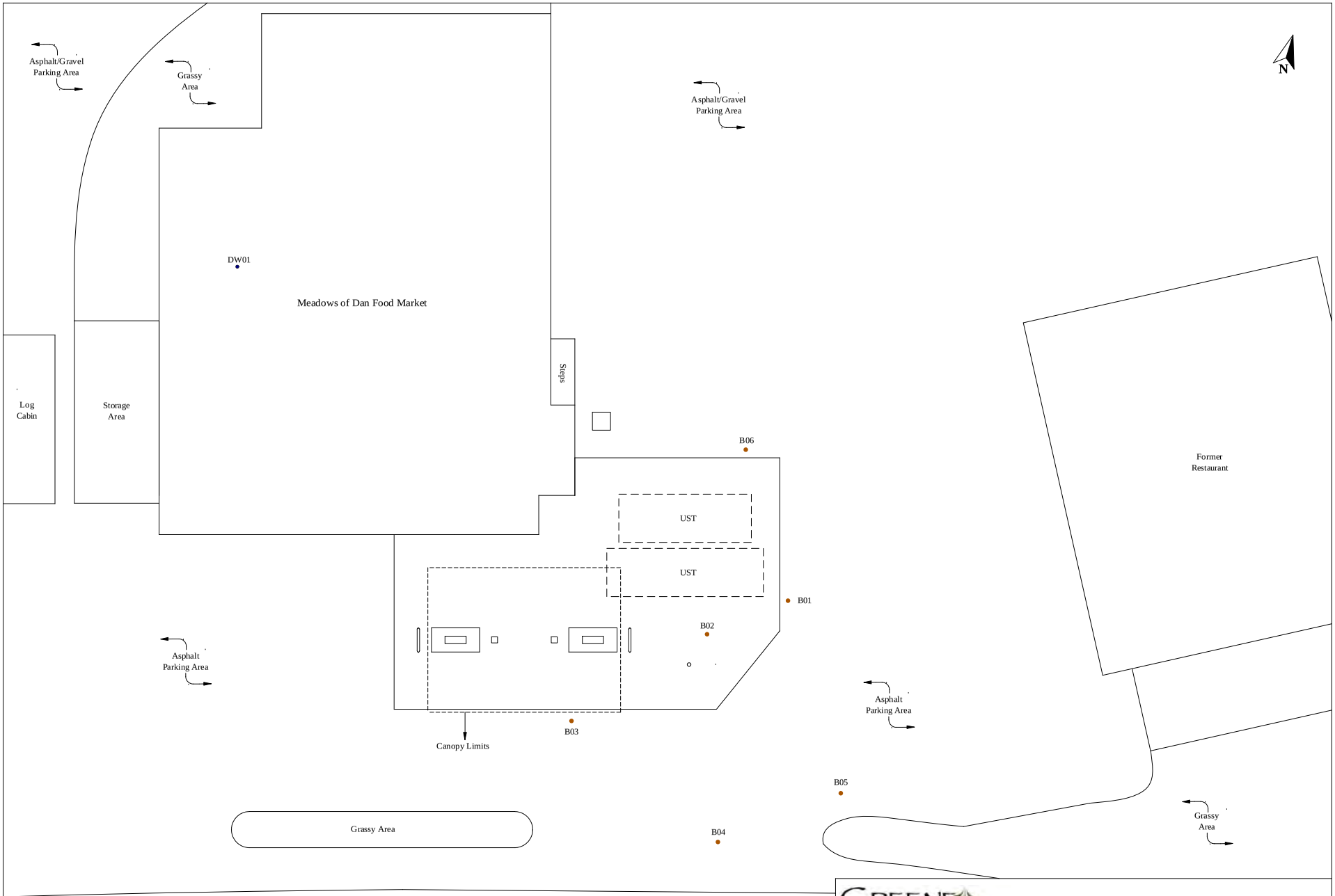
Map(s)

Site Map (03/12/2014)
Soil Boring Location Map
Monitoring Well Location Map
Potentiometric Surface Map
Potential Receptors Location Map
Topographic Map
Aerial Map



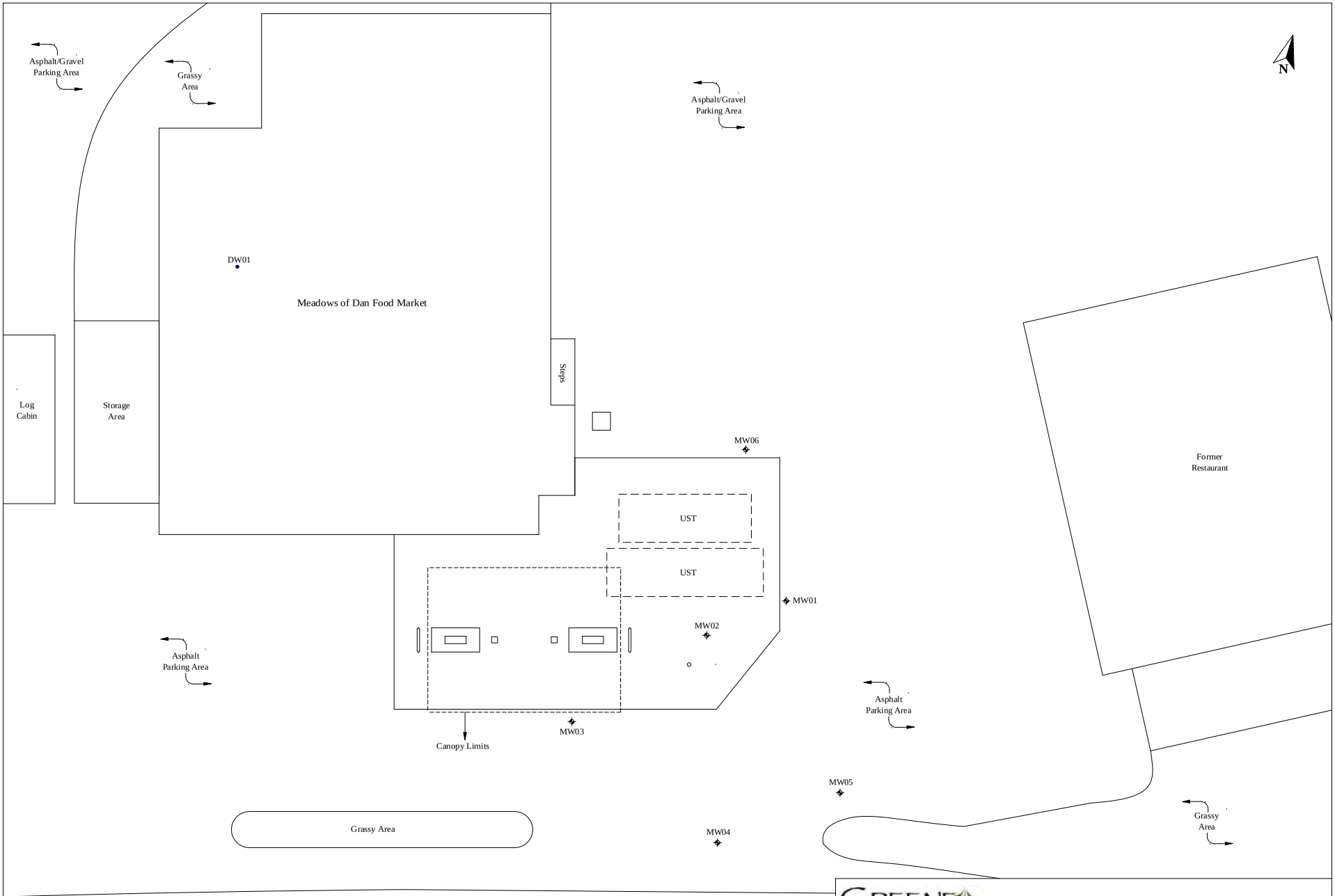
GREENE ENVIRONMENTAL SERVICES LLC.

TITLE:	SITE MAP (03/12/2014)		
SITE:	MEADOWS OF DAN FOOD MARKET	DRAWING #:	FMMD1002A
CLIENT:	T&M, M of D, LLC	DATE:	04/14/2014
COMMENTS:		DRAWN BY:	MAF



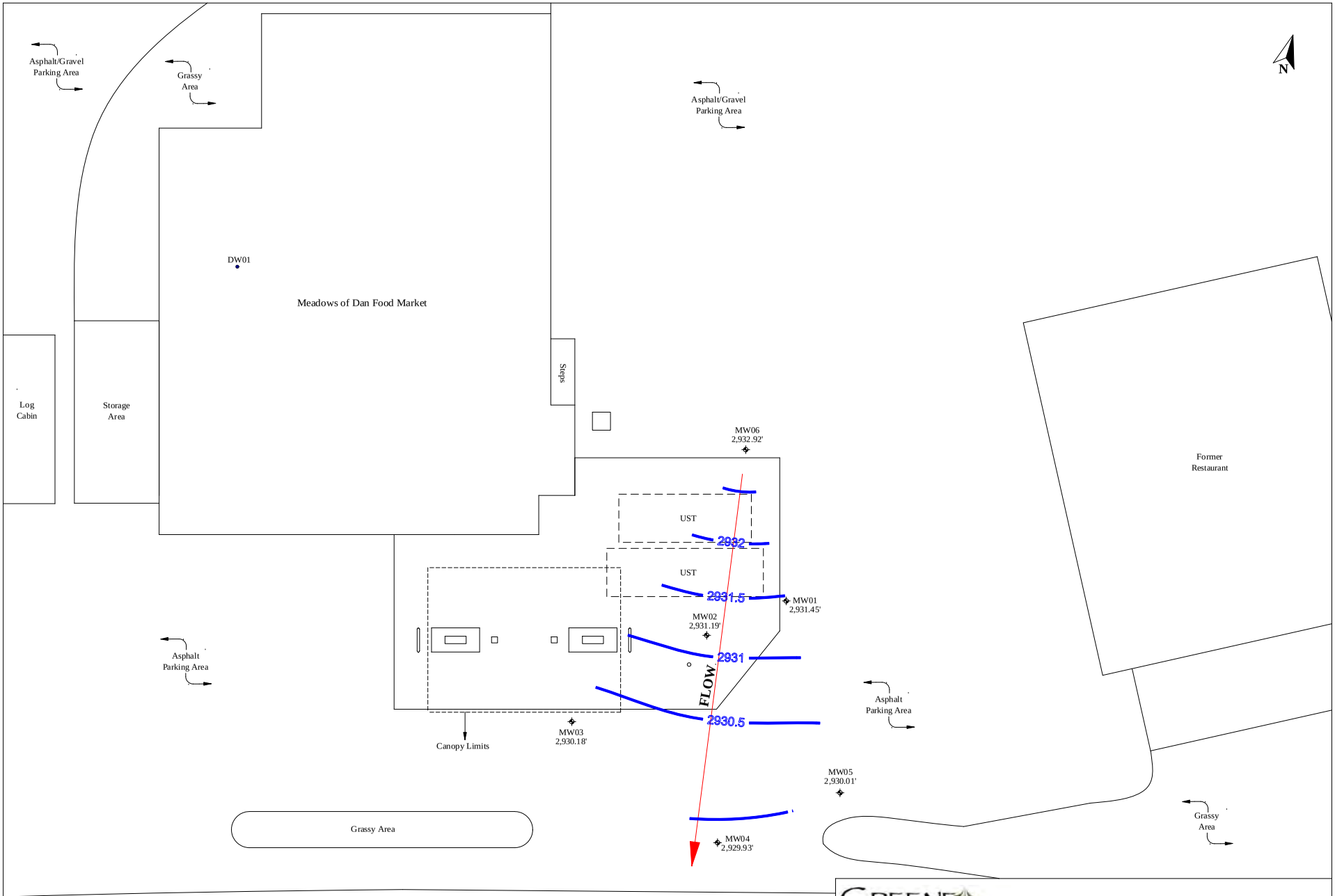
GREENE ENVIRONMENTAL SERVICES LLC.

TITLE:	SOIL BORING LOCATION MAP		
SITE:	MEADOWS OF DAN FOOD MARKET	DRAWING #:	FMMD1002B
CLIENT:	T&M, M of D, LLC	DATE:	04/14/2014
COMMENTS:		DRAWN BY:	MAF



GREENE ENVIRONMENTAL SERVICES LLC.

TITLE:	MONITORING WELL LOCATION MAP		
SITE:	MEADOWS OF DAN FOOD MARKET	DRAWING #:	FMMD1002C
CLIENT:	T&M, M of D, LLC	DATE:	04/14/2014
COMMENTS:		DRAWN BY:	MAF



GREENE ENVIRONMENTAL SERVICES LLC.

TITLE:	POTENTIOMETRIC SURFACE MAP (03/12/2014)		
SITE:	MEADOWS OF DAN FOOD MARKET	DRAWING #:	FMMD1002D
CLIENT:	T&M, M of D, LLC	DATE:	04/14/2014
COMMENTS:		DRAWN BY:	MAF

Potential Receptors Location Map

Meadows of Dan Food Market
2609 Jeb Stuart Highway
Meadows of Dan, Virginia 24120

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane, Rocky Mount, Virginia 24151

Office: 540-483-3311 or 800-215-2596
Fax: 540-483-3381

www.greene-environmental.com

PATRICK COUNTY, VIRGINIA

Source: Google Earth

Scale: Not to Scale

Project: SCR

Client: T&M, M of D, L.L.C.

Greene Job #: FMMD1002

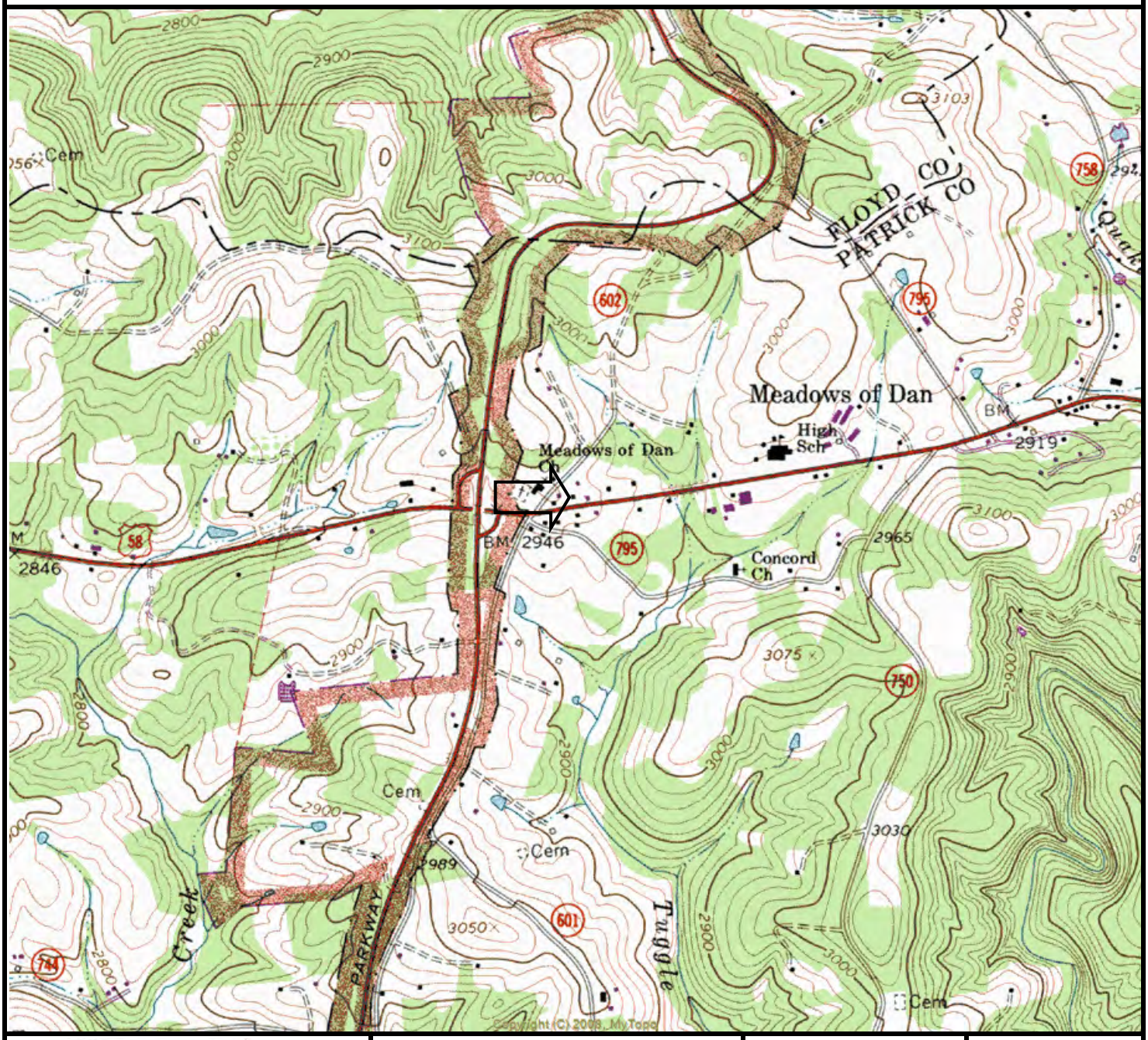
Date: April 14, 2014

N
W E
S

Latitude:
036.7353972° N
Longitude:
080.4077838° W

Topographic Map

Meadows of Dan Food Market
2609 Jeb Stuart Highway
Meadows of Dan, Virginia 24120



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Fax: 540-483-3381

www.greene-environmental.com

MEADOW of DAN, VIRGINIA

Source: U.S.G.S. Topographic Map of the Meadows of Dan Quadrangle, Virginia, 7.5 Minute Series (1968, revised 1985)
Scale: Not to Scale Contour Interval: 20 Feet
Vertical Datum: National Geodetic Vertical Datum 1929
Horizontal Datum: North American Datum1927

Project: SCR

Client: T&M, M of D, L.L.C.

Greene Job #: FMMD1002

Date: April 14, 2014

N
W E
S

Latitude:
036.7353972° N
Longitude:
080.4077838° W

Aerial Map

Meadows of Dan Food Market
2609 Jeb Stuart Highway
Meadows of Dan, Virginia 24120

GREENE
ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane, Rocky Mount, Virginia 24151

Office: 540-483-3311 or 800-215-2596
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PATRICK COUNTY, VIRGINIA

Source: Google Earth

Scale: Not to Scale

Project: SCR

Client: T&M, M of D, L.L.C.

Greene Job #: FMMD1002

Date: April 14, 2014

N
W E
S

Latitude:
036.7353972° N
Longitude:
080.4077838° W

APPENDIX B

Geologic Information

Soil Boring Logs/Monitoring Well Construction Diagrams

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

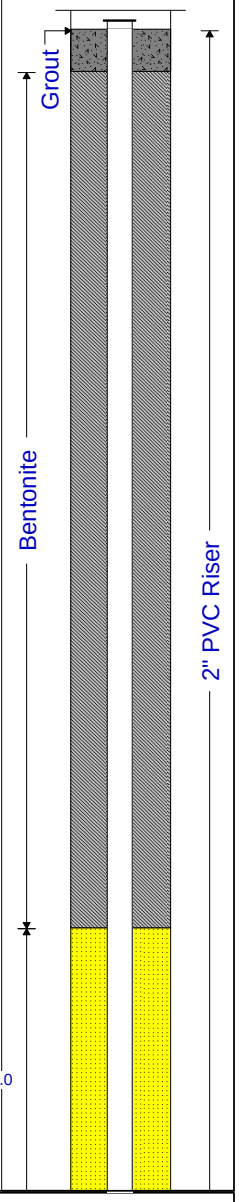
Log of Borehole: B01

Diagram of Monitoring Well: MW01

Geologist: ADAM FLORA

Generation Date: 03/13/14

SUBSURFACE PROFILE				SAMPLE			PID READINGS	MONITORING WELL DIAGRAM
Depth	Symbol	Description	Depth	Number	Type	Lab Results (TPH-GRO)	VOC Concentration ppm (1000, 2000, 3000)	Well Completion Details
		Ground Surface	0.0					
0		**GRAVEL**	0.5					
1–4		***B01-1 (0'-4')*** Medium- to fine-grained micaceous silt with weathered material and a minor clay component; reddish-brown with black & light brown seams; slight petroleum odor	4.0	B01-1		ND	16.9	
4–8		***B01-2 (4'-8')*** Fine- to medium-grained micaceous silt; ~6' bgs change to coarser-grained mica in a silty matrix; evidence of quartz ~8' bgs; reddish-brown to light brown color; slight petroleum odor	8.0	B01-2		ND	29.4	
8–12		***B01-3 (8'-12')*** Fine-grained micaceous silt with fine silt grains ~ 8'-10' bgs; ~11'-12'bgs is not as micaceous with increased weathering; reddish brown to light brown color; petroleum odor	12.0	B01-3		ND	41.8	
12–16		***B01-4 (12'-16')*** Medium-grained micaceous silty/fine sand with mica grains ~ 12'-14' bgs; ~14'-16' bgs not as micaceous with increased weathering; light brown color; slight petroleum odor	16.0	B01-4		ND	105.9	
16–20		***B01-5 (16'-20')*** NO RECOVERY	20.0	B01-5		NA	NA	
20–24		***B01-6 (20'-24')*** Fine-grained slight micaceous silty/ fine sand mix with fine-grained mica throughout; increased weathering; light brown color; strong petroleum odor	24.0	B01-6		17.8	660.0	
24–28		***B01-7 (24'-28')*** Fine-grained micaceous silty/fine sand mix with large mica grains ~ 27'-28' bgs; reddish brown to light brown color; very strong petroleum odor; moisture evident	28.0	B01-7		1,550	3852.0 / 2834.5	



Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER

Drilled by: DAVIDSON DRILLING

Drill Date: 02/24/2014

Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B01

Diagram of Monitoring Well: MW01

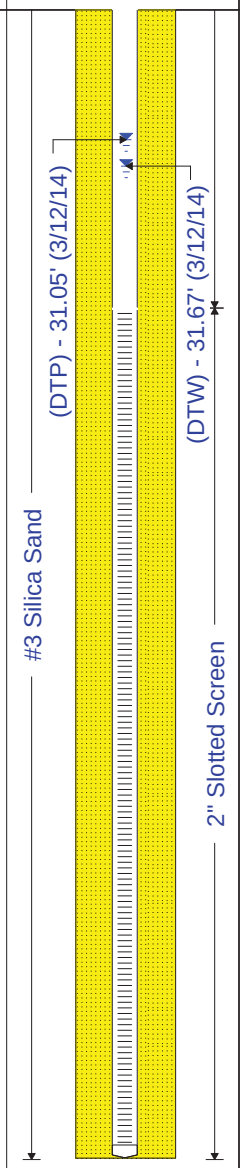
Geologist: ADAM FLORA

Generation Date: 03/13/14

SUBSURFACE PROFILE / SAMPLE / PID READINGS / MONITORING WELL DIAGRAM

Depth	Description	Depth	Number	Type	Lab Results (TPH-GRO)	VOC Concentration (ppm)
29–32	***B01-8 (28'-32')*** Fine-grained micaceous silty/fine sand with large mica throughout; black/grayish color; very strong odor; mositure evident; Obtained rod refusal at ~ 32' bgs-switched to hollow-stem augers/continued drilling	32.0	B01-8		4,890	1817.0
32–35	***B01-9 (32'-35')*** Fine-grained micaceous silty/fine sand with large mica throughout; black/grayish color; strong petroleum odor; mositure evident;	35.0	B01-9		1,190	1174.0
35–40	***B01-10 (35'-40')*** Fine-grained micaceous silty/fine sand with larger mica grains throughout; dark brown color; very strong odor; more mositure evident; groundwater likely	40.0	B01-10		NA	1450.0
40–45	***B01-11 (40'-45')*** Fine-grained micaceous silty/fine sand with larger mica grains throughout; dark brown color; very strong odor; groundwater likely	45.0	B01-11		NA	1432.0
45–55	NO RECOVERY due to evidence of groundwater at ~ 47'-48' bgs. Converted B01 to MW01 at approximately 55.0' bgs.	55.0				
55	End of Borehole					

VOC Concentration scale: 1000, 2000, 3000; 2834.5



COMMONWEALTH OF VIRGINIA
WARREN THEODORE DEAN
NO. 1406
CERTIFIED PROFESSIONAL GEOLOGIST

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER
Drilled by: DAVIDSON DRILLING
Drill Date: 02/24/2014
Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC.
200 Buckwheat Lane
Rocky Mount, VA 24151

Sheet: 2 of 2

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B02

Diagram of Monitoring Well: MW02

Geologist: ADAM FLORA

Generation Date: 03/17/14

SUBSURFACE PROFILE / SAMPLE / PID READINGS / MONITORING WELL DIAGRAM

Depth	Description	Depth	Number	Lab Results (TPH-GRO)	VOC Concentration (ppm)
	Ground Surface	0.0			
	CONCRETE	0.5			
	B02-1 (0.5'-4') Fine-grained micaceous silty/fine sand with minor clay component and medium-grained mica flakes throughout; reddish brown to brown color; no petroleum odor	4.0	B02-1	ND	125.2
	B02-2 (4'-8') Fine-grained silty/fine sand with minor clay component and medium-grained mica flakes throughout; reddish brown to brown; very slight petroleum odor	8.0	B02-2	ND	141.3
	B02-3 (8'-12') Fine-grained micaceous silty/fine sand with weathered material and medium-grained mica flakes at ~ 11'-12'; reddish brown to light brown petroleum odor	12.0	B02-3	ND	179.3
	B02-4 (12'-16') Fine-grarined micaceous silty/fine sand with large gravel-sized quartz grains at approximatley 19'-20'; brown to light brown; strong petroleum odor	16.0	B02-4	22.9	212.4
	B02-5 (16'-20') Fine-grained micaceous silty/fine sand to medium/large-grained quartz at approximately 19'-20'; slightly weathered; brown to light brown; strong petroleum odor	20.0	B02-5	799	586.3
	B02-6 (20'-24') Fine-grained micaceous silty/fine sand to medium/large-grained quartz/mica flakes; slightly weathered; brown to light brown; strong petroleum odor	24.0	B02-6	ND	710.4
	B02-7 (24'-28') Fine-grained micaceous silty/fine sand to large coarse-grained mica; organic material at approximately 27'-28'; brown to light brown/tan/blackish brown; strong petroleum odor	28.0	B02-7	479	877.7, 1292.3

Well Completion Details: Grout, Bentonite, 2" PVC Riser

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER

Drilled by: DAVIDSON DRILLING

Drill Date: 02/24/2014

Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B02

Diagram of Monitoring Well: MW02

Geologist: ADAM FLORA

Generation Date: 03/17/14

SUBSURFACE PROFILE

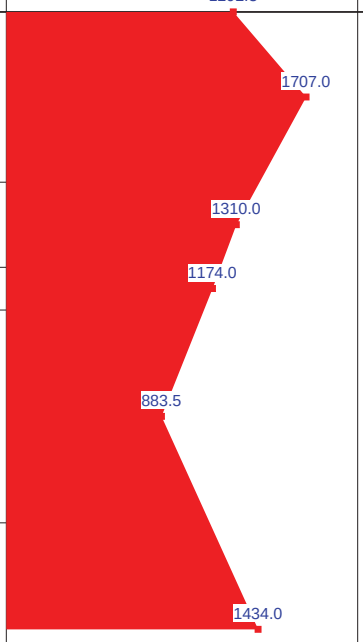
Depth	Description	Depth
29–31	***B02-8 (28'-32')*** Fine-grained micaceous silty/fine sand to large coarse-grained mica; weathered material; brown to light brown; strong petroleum odor	32.0
32–34	***B02-9 (32'-34')*** Fine-grained micaceous silty/fine sand to large coarse-grained mica with larger rock fragments at approximatley 34' bgs; brown to light brown; strong petroleum odor	34.0
35	Rod refusal at 34' bgs swtiched to hollow-stem augers & continued drilling;	35.0
36–37	***B02-10 (34'-35')*** Fine-grained micaceous silty/fine sand to large coarse-grained mica with larger rock fragments at approximately 35' bgs; moisture evident	
38–39	***B02-11 (35'-40')*** Fine-grained micaceous silty/fine sand to medium-grained mica flakes throughout; dark brown to brown; very strong petroleum odor; moisture evident	40.0
40–45	***B02-12 (40'-45')*** Fine-grained micaceous silty/fine sand to medium-grained mica flakes throughout; dark brown to brown; very strong petroleum odor; moisture evident	45.0
45–50	NO RECOVERY due to groundwater being present Converted B02 to MW02 at approximately 50' bgs.	50.0
50–56	End of Borehole	

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B02-8		6,000
B02-9		1,830
B02-10		NA
B02-11		NA
B02-12		NA

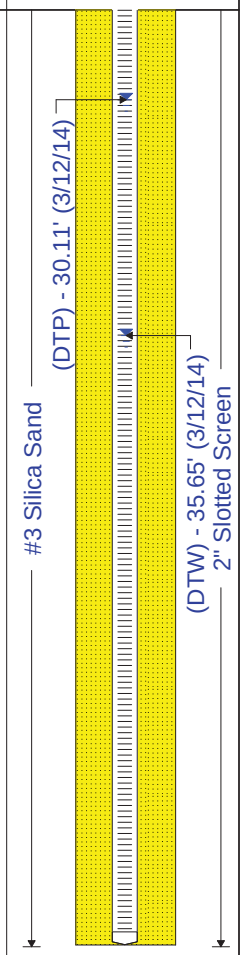
PID READINGS

VOC Concentration ppm



MONITORING WELL DIAGRAM

Well Completion Details



COMMONWEALTH OF VIRGINIA
WARREN THEODORE DEAN
NO. 1406
CERTIFIED PROFESSIONAL GEOLOGIST

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER
Drilled by: DAVIDSON DRILLING
Drill Date: 02/24/2014
Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC.
200 Buckwheat Lane
Rocky Mount, VA 24151

Sheet: 2 of 2

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B03

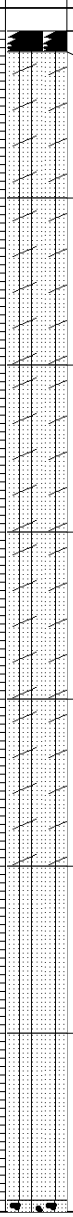
Diagram of Monitoring Well: MW03

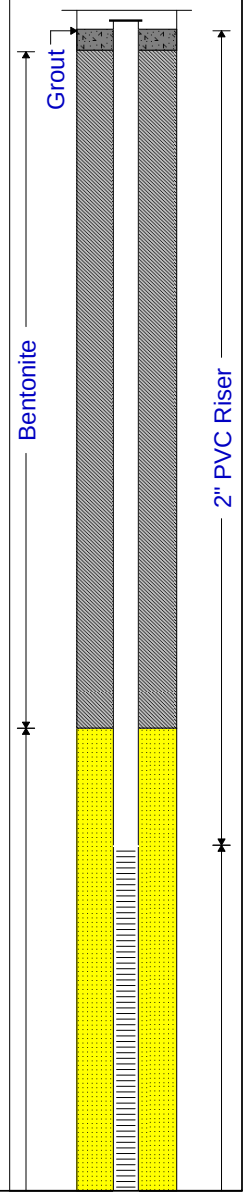
Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE / SAMPLE / PID READINGS / MONITORING WELL DIAGRAM

Depth	Description	Depth	Number	Lab Results (TPH-GRO)	VOC Concentration (ppm)
	Ground Surface	0.0			
0	***ASPHALT***	0.5			
1–4	***B03-1 (0.5'-4')*** Fine-grained silty/fine sand with minor clay component; brown to reddish brown; no petroleum odor	4.0	B03-1	ND	3.3
4–8	***B03-2 (4'-8')*** Fine-grained silty/fine sand with minor clay component; light brown to dark brown; no petroleum odor	8.0	B03-2	ND	6.4
8–12	***B03-3 (8'-12')*** Fine-grained silty/fine sand with minor clay component; light brown to reddish brown; no petroleum odor	12.0	B03-3	ND	30.2
12–16	***B03-4 (12'-16')*** Fine-grained silty/fine sand with minor clay component; light brown with reddish, gray seams; very slight petroleum odor	16.0	B03-4	ND	3.7
16–20	***B03-5 (16'-20')*** Fine-grained silty/fine sand with minor clay component; reddish brown to light brown; weathered; very slight petroleum odor	20.0	B03-5	ND	9.3
20–24	***B03-6 (20'-24')*** Fine-grained silty/fine sand with little to no clay component; reddish brown to light brown to grayish brown; petroleum odor	24.0	B03-6	ND	8.6
24–28	***B03-7 (24'-28')*** Fine-grained silty/fine sand with little to no clay component; reddish brown to light brown to grayish brown; weathered; strong petroleum odor	28.0	B03-7	7.97	779.3 – 3274.1





Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER

Drilled by: DAVIDSON DRILLING

Drill Date: 02/25/2014

Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B03

Diagram of Monitoring Well: MW03

Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE

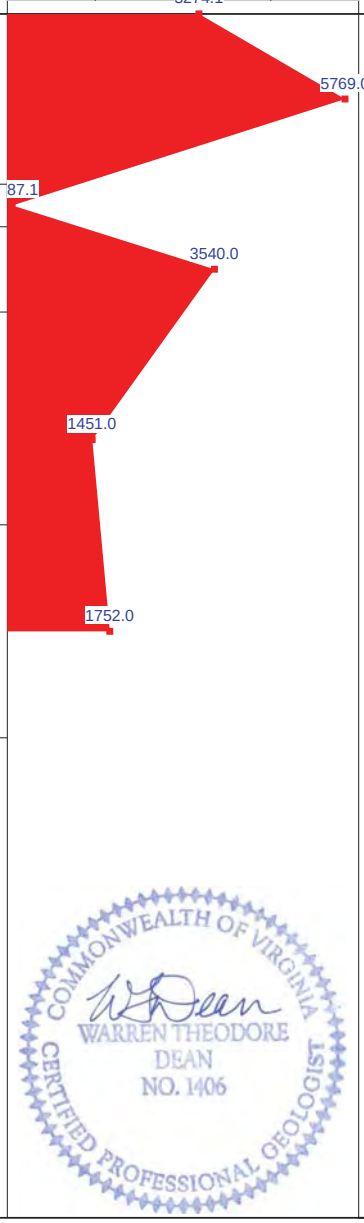
Depth	Description	Depth
29–31	***B03-8 (28'-32')*** Fine-to medium-grained silty/fine sand with mica crystals; weathered; grayish brown; strong petroleum odor	32.0
32–33	***B03-9 (32'-33')*** Fine-to medium-grained silty/fine sand with mica crystals; weathered; grayish brown; strong petroleum odor Rod refusal at ~ 33' bgs; switched to hollow-stem augers.	33.0
34–35	***B03-10 (33'-35')*** Fine-to medium-grained silty/fine sand with mica crystals; weathered; grayish brown; strong petroleum odor; moisture present	35.0
36–39	***B03-11 (35'-40')*** Fine-to medium-grained silty/fine sand with mica crystals; weathered; grayish brown; strong petroleum odor; moisture present	40.0
40–44	***B03-12 (40'-45')*** Fine-to medium-grained silty/fine sand with mica crystals; weathered; grayish brown; strong petroleum odor	45.0
45–50	No additional samples collected due to groundwater. Converted B03 to MW03 at approximately 50' bgs.	50.0
50–56	End of Borehole	

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B03-8		2,150
B03-9		3,790
B03-10		705
B03-11		NA
B03-12		NA

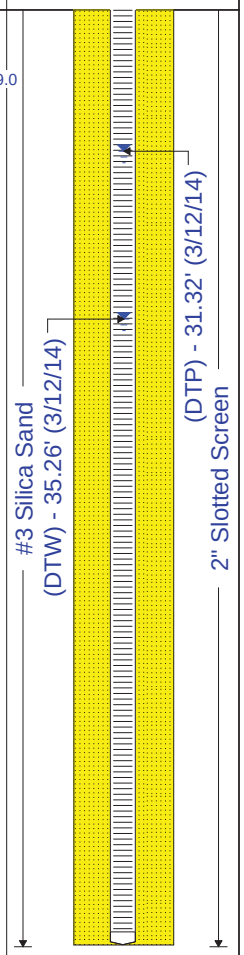
PID READINGS

VOC Concentration ppm



MONITORING WELL DIAGRAM

Well Completion Details



COMMONWEALTH OF VIRGINIA
WARREN THEODORE DEAN
NO. 1406
CERTIFIED PROFESSIONAL GEOLOGIST

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER
Drilled by: DAVIDSON DRILLING
Drill Date: 02/25/2014
Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC.
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B04

Diagram of Monitoring Well: MW04

Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE

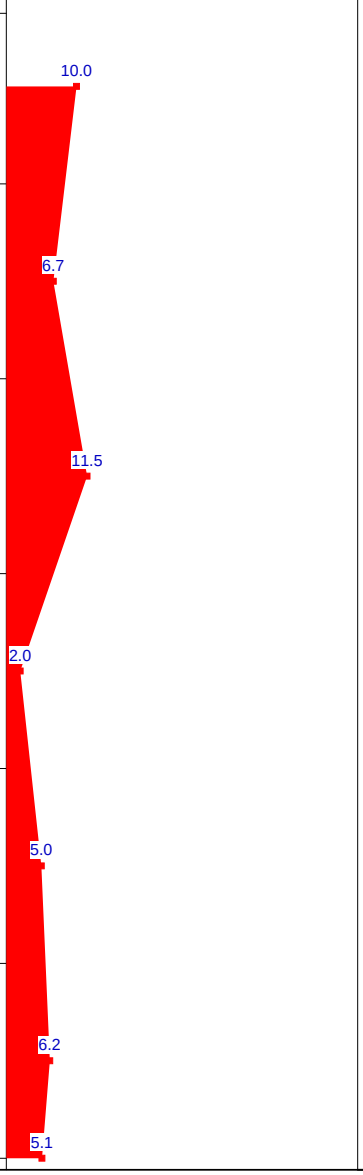
Depth	Symbol	Description	Depth
		Ground Surface	0.0
		ASPHALT	0.5
		B04-1 (0.5'-4') Fine-grained micaceous silty/fine sand with minor clay component; reddish brown; no petroleum odor	4.0
		B04-2 (4'-8') Fine-grained micaceous silty/fine sand with large micaceous structure with little to no clay component; reddish brown with black seams; no petroleum odor	8.0
		B04-3 (8'-12') Fine-grained micaceous silty/fine sand with large quartz gravel-grains at approximately 9' bgs with large mica grains throughout; light brown to reddish brown; no petroleum odor	12.0
		B04-4 (12'-16') Fine-grained micaceous silty/fine sand to large-grained micaceous silty/fine sand; weathered; reddish brown to light brown; no petroleum odor	16.0
		B04-5 (16'-20') Fine-grained micaceous silty/fine sand with large mica flakes throughout; weathered; reddish brown to light brown; very slight petroleum odor	20.0
		B04-6 (20'-24') Fine-grained micaceous silty/fine sand with large mica flakes throughout; weathered; light brown with mottled seams; very slight petroleum odor	24.0

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B04-1		NA
B04-2		NA
B04-3		NA
B04-4		NA
B04-5		NA
B04-6		NA

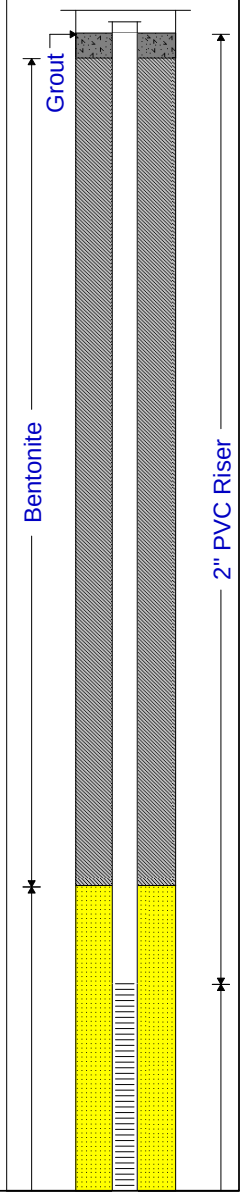
PID READINGS

VOC Concentration ppm (12.5, 25, 37.5)



MONITORING WELL DIAGRAM

Well Completion Details



Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER

Drilled by: DAVIDSON DRILLING

Drill Date: 02/25/2014

Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B04

Diagram of Monitoring Well: MW04

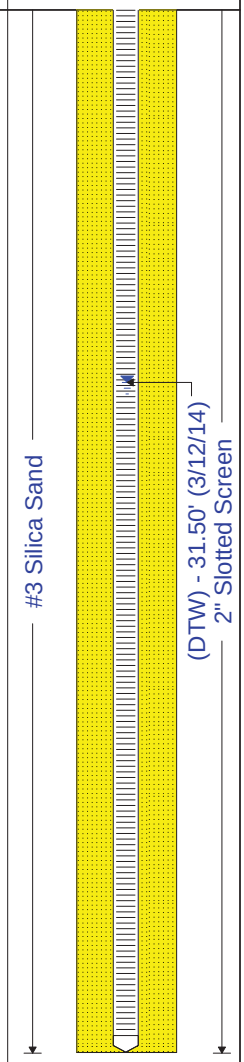
Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE / SAMPLE / PID READINGS / MONITORING WELL DIAGRAM

Depth	Description	Depth	Number	Lab Results (TPH-GRO)	VOC Concentration (ppm)
25–28	***B04-7 (24'-28')*** Fine-grained micaceous silty/fine sand with large mica grains throughout; weathered; light brown to grayish brown; no petroleum odor	28.0	B04-7	ND	4.0
28–32	***B04-8 (28'-32')*** Fine-grained micaceous silty/fine sand with large mica grains at approximately 32' bgs; weathered; large micaceous relic structure at ~ 32' bgs; light brown to grayish brown; no petroleum odor	32.0	B04-8	ND	6.8
32–36	***B04-9 (32'-36')*** Fine-grained saprolyte structure with large mica grains; less weathered; light brown to grayish brown; no petroleum odor; moisture evident	36.0	B04-9	ND	4.9
36–39	***B04-10 (36'-39')*** Fine-grained saprolyte structure with large mica grains; mottled grayish brown; slight petroleum odor; groundwater evident Rod refusal at approximately 39' bgs; switched to hollow-stem augers and continued drilling.	39.0	B04-10	NA	5.9
39–45	No additional samples taken due to the presence of groundwater. Converted B04 to MW04 at approximately 45' bgs.	45.0			
45	End of Borehole				

VOC Concentration scale: 5.1, 12.5, 25, 37.5 ppm



COMMONWEALTH OF VIRGINIA
WARREN THEODORE DEAN
NO. 1406
CERTIFIED PROFESSIONAL GEOLOGIST

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER
Drilled by: DAVIDSON DRILLING
Drill Date: 02/25/2014
Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B05

Diagram of Monitoring Well: MW05

Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE

Depth	Description	Depth
	Ground Surface	0.0
	ASPHALT	0.5
	B05-1 (0.5'-4') Fine-grained micaceous silty/fine sand with minor clay component and medium to large mica grains throughout; weathered; reddish brown; no petroleum odor	4.0
	B05-2 (4'-8') Fine-grained micaceous silty/fine sand with large quartz fragments at approximately 8' bgs; weathered; reddish brown to light brown; no petroleum odor	8.0
	B05-3 (8'-12') Fine-grained micaceous silty/fine sand with minor clay component and medium to large mica flakes except at approximately 12' bgs; weathered; brown to orangish brown; no petroleum odor	12.0
	B05-4 (12'-16') Fine-grained micaceous silty/fine sand with minor clay component and medium to large mica grains throughout; less weathered; brown to orangish brown; no petroleum odor	16.0
	B05-5 (16'-20') Fine-grained micaceous silty/fine sand with medium mica grains throughout; sandy mix at approximately 20' bgs; less weathered; orangish brown to grayish brown; no petroleum odor Rod refusal at approximately 20' bgs; switched to hollow-stem augers and continued drilling.	20.0
	B05-6 (20'-25') Fine-grained micaceous silty/fine sand with minor clay component and small mica flakes; dark brown; no petroleum odor; moisture evident	25.0

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B05-1		NA
B05-2		NA
B05-3		NA
B05-4		NA
B05-5		NA
B05-6		ND

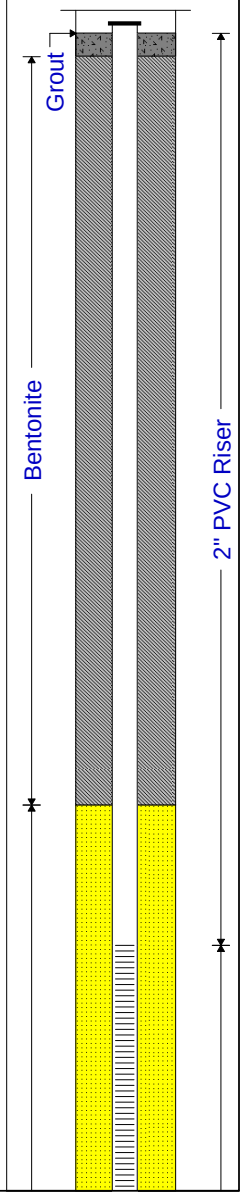
PID READINGS

VOC Concentration ppm (12.5, 25, 37.5)

Depth	VOC (ppm)
0.5	2.7
6.0	1.9
10.0	3.7
14.0	2.4
18.0	4.0
23.0	5.0
25.0	4.9

MONITORING WELL DIAGRAM

Well Completion Details



Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER

Drilled by: DAVIDSON DRILLING

Drill Date: 02/26/14

Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B05

Diagram of Monitoring Well: MW05

Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE

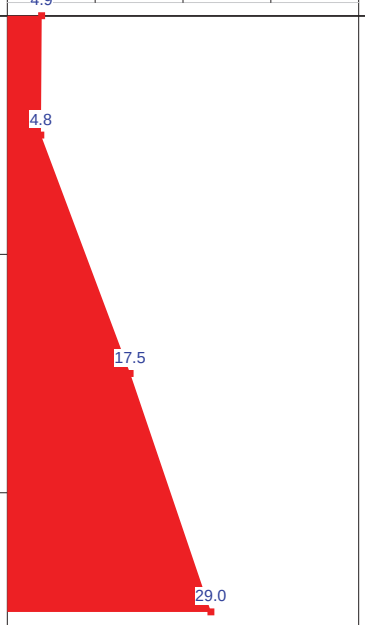
Depth	Symbol	Description	Depth
26–29		***B05-7 (25'-30')*** Fine-grained micaceous silty/fine sand with small mica flakes; dark brown; no petroleum odor; moisture evident	30.0
30–34		***B05-8 (30'-35')*** Fine-grained micaceous silty/fine sand with small mica flakes; dark brown; no petroleum odor; moisture evident	35.0
35–39		***B05-9 (35'-40')*** Fine-grained micaceous silty/fine sand with small mica flakes; dark brown; no petroleum odor; moisture evident	40.0
40–44		No additional samples taken due to the presence of groundwater. Converted B05 to MW05 at approximately 45' bgs.	45.0
45		End of Borehole	

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B05-7		ND
B05-8		ND
B05-9		NA

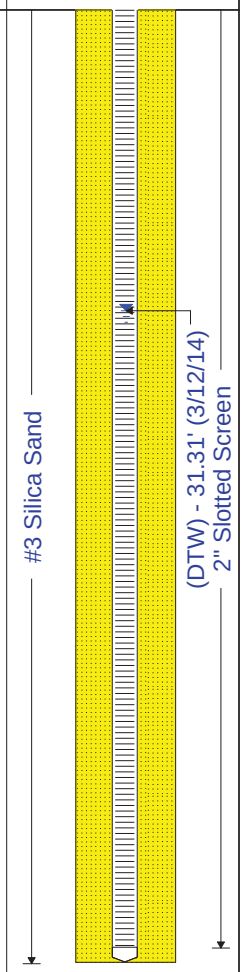
PID READINGS

VOC Concentration ppm



MONITORING WELL DIAGRAM

Well Completion Details



COMMONWEALTH OF VIRGINIA
WARREN THEODORE DEAN
NO. 1406
CERTIFIED PROFESSIONAL GEOLOGIST

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER
Drilled by: DAVIDSON DRILLING
Drill Date: 02/26/14
Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC.
200 Buckwheat Lane
Rocky Mount, VA 24151

Sheet: 2 of 2

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B06

Diagram of Monitoring Well: MW06

Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE

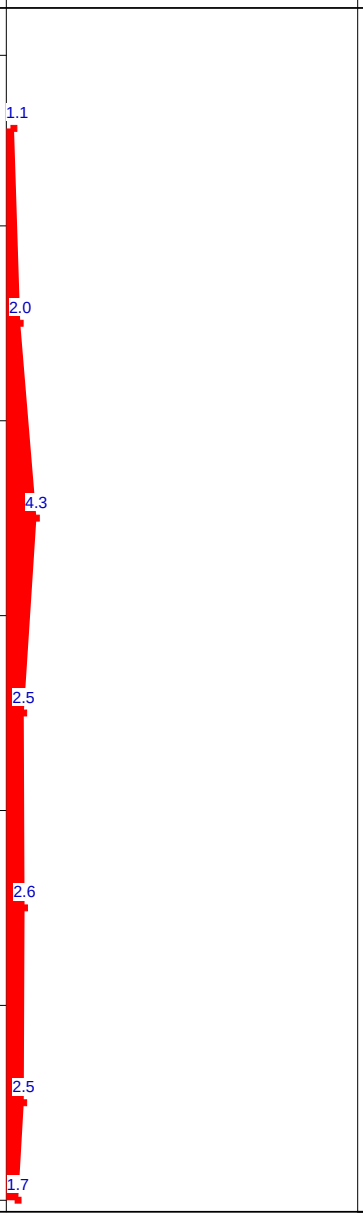
Depth	Symbol	Description	Depth
		Ground Surface	0.0
		ASPHALT	0.5
		B06-1 (0.5'-4') Fine-grained micaceous silty/fine sand with minor clay component; small to medium mica grains throughout; weathered; dark brown to orangish brown; no petroleum odor	4.0
		B06-2 (4'-8') Fine-grained micaceous silty/fine sand with minor clay component; small to medium mica grains throughout; weathered; orangish brown to brown; very slight petroleum odor	8.0
		B06-3 (8'-12') Fiine-grained micaceous silty/fine sand with minor clay component; small to medium mica grains throughout; weathered; brown to orangish brown; very slight petroleum odor	12.0
		B06-4 (12'-16') Fine-grained micaceous silty/fine sand with minor clay component and small to medium mica and quartz grains; weathered; brown to orangish brown; slight petroleum odor	16.0
		B06-5 (16'-20') Fine-grained saprolyte with medium to large mica grains; orangish brown to grayish brown; slight petroleum odor	20.0
		B06-6 (20'-24') Fine-grained saprolyte with large quartz gravel; orangish brown to brown; slight petroleum odor	24.0

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B06-1		NA
B06-2		NA
B06-3		NA
B06-4		NA
B06-5		NA
B06-6		NA

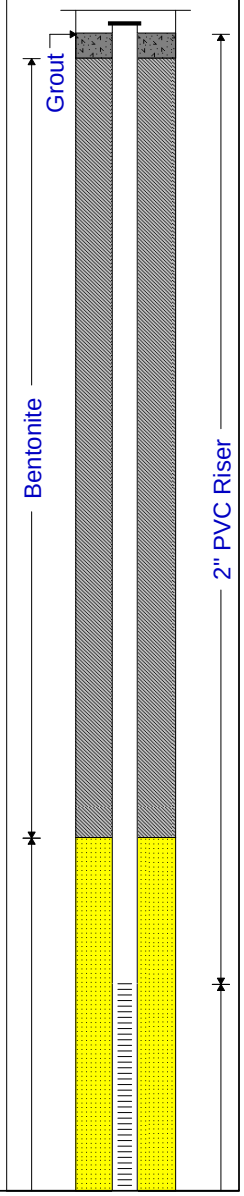
PID READINGS

VOC Concentration ppm (12.5, 25, 37.5)



MONITORING WELL DIAGRAM

Well Completion Details



Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER

Drilled by: DAVIDSON DRILLING

Drill Date: 02/26/2014

Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC
200 Buckwheat Lane
Rocky Mount, VA 24151

Project No: FMMD1002

Project: SITE CHARACTERIZATION REPORT

Client: T & M, M OF D, L.L.C.

Location: MEADOWS OF DAN FOOD MARKET

Log of Borehole: B06

Diagram of Monitoring Well: MW06

Geologist: ADAM FLORA

Generation Date: 03/17/2014

SUBSURFACE PROFILE

Depth	Description	Depth
25	***B06-7 (24'-26')*** Fine-grained saprolyte with large quartz gravel; orangish brown to brown; slight petroleum odor	
26	Rod refusal at approximately 26' bgs; switched to hollow-stem augers and continued drilling.	26.0
27	***B06-8 (26'-30')*** Fine-grained silty/fine sand with minor clay component; dark brown; no petroleum odor	
28		
29		
30		30.0
31	***B06-9 (30'-35')*** Fine-grained silty/fine sand with minor clay component; dark brown; no petroleum odor	
32		
33		
34		
35		35.0
36	***B06-10 (35'-40')*** Fine-grained silty/fine sand with minor clay component; dark brown; no petroleum odor	
37	Converted B06 to MW06 at approximately 45' bgs.	
38		
39		
40		40.0
41	No additional samples taken due to the presence of groundwater.	
42	Converted B06 to MW06 at approxiimately 45' bgs.	
43		
44		
45		45.0
46	End of Borehole	
47		
48		

SAMPLE

Number	Type	Lab Results (TPH-GRO)
B06-7		ND
B06-8		ND
B06-9		ND
B06-10		NA

PID READINGS

VOC Concentration ppm (12.5, 25, 37.5)

1.7, 1.3, 0.8, 0.7, 1.2

MONITORING WELL DIAGRAM

Well Completion Details

#3 Silica Sand

(DTW) - 30.47' (3/12/14)

2" Slotted Screen

COMMONWEALTH OF VIRGINIA
WARREN THEODORE DEAN
NO. 1406
CERTIFIED PROFESSIONAL GEOLOGIST

Drill Method: DIRECT PUSH/HOLLOW-STEM AUGER
Drilled by: DAVIDSON DRILLING
Drill Date: 02/26/2014
Hole Size: 6.875 INCHES

GREENE ENVIRONMENTAL SERVICES LLC.
200 Buckwheat Lane
Rocky Mount, VA 24151

Sheet: 2 of 2

APPENDIX C

Laboratory Data

Laboratory Test Results
Chain of Custody Documentation

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-45770-1
TestAmerica Sample Delivery Group: FMMD1002
Client Project/Site: Meadows of Dan Food Market

For:
Greene Environmental Services LLC
200 Buckwheat Lane
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Authorized for release by:
2/7/2014 10:34:47 AM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-45770-1	DW01	Water	01/31/14 15:31	02/04/14 09:00
490-45770-2	DW02	Water	01/31/14 13:10	02/04/14 09:00
490-45770-3	DW03	Water	01/31/14 13:15	02/04/14 09:00
490-45770-4	DW12	Water	01/31/14 16:22	02/04/14 09:00
490-45770-5	DW13	Water	01/31/14 14:40	02/04/14 09:00
490-45770-6	DW14	Water	01/31/14 15:06	02/04/14 09:00
490-45770-7	DW16	Water	01/31/14 15:40	02/04/14 09:00
490-45770-8	DW17	Water	01/31/14 15:50	02/04/14 09:00

Case Narrative

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Job ID: 490-45770-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-45770-1

Comments
No additional comments.

Receipt
The samples were received on 2/4/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.2º C.

GC/MS VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW01

Lab Sample ID: 490-45770-1

Date Collected: 01/31/14 15:31
Matrix: Water
Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 12:53	1
Benzene	ND		1.00	ug/L			02/05/14 12:53	1
Bromobenzene	ND		1.00	ug/L			02/05/14 12:53	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 12:53	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 12:53	1
Bromoform	ND		1.00	ug/L			02/05/14 12:53	1
Bromomethane	ND		1.00	ug/L			02/05/14 12:53	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 12:53	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 12:53	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 12:53	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 12:53	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 12:53	1
Chloroethane	ND		1.00	ug/L			02/05/14 12:53	1
Chloroform	ND		1.00	ug/L			02/05/14 12:53	1
Chloromethane	ND		1.00	ug/L			02/05/14 12:53	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 12:53	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 12:53	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 12:53	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 12:53	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 12:53	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 12:53	1
Dibromomethane	ND		1.00	ug/L			02/05/14 12:53	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 12:53	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 12:53	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 12:53	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 12:53	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 12:53	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 12:53	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 12:53	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 12:53	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 12:53	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 12:53	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 12:53	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 12:53	1
2-Hexanone	ND		5.00	ug/L			02/05/14 12:53	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 12:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 12:53	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/05/14 12:53	1
Naphthalene	ND		5.00	ug/L			02/05/14 12:53	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 12:53	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
Styrene	ND		1.00	ug/L			02/05/14 12:53	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 12:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 12:53	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW01

Lab Sample ID: 490-45770-1
Matrix: Water

Date Collected: 01/31/14 15:31
Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/05/14 12:53	1
Toluene	ND		1.00	ug/L			02/05/14 12:53	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 12:53	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 12:53	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 12:53	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 12:53	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 12:53	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 12:53	1
Trichloroethene	ND		1.00	ug/L			02/05/14 12:53	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 12:53	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 12:53	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 12:53	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 12:53	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*02/05/14 12:53*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*02/05/14 12:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/05/14 12:53*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/05/14 12:53*	*1*

Client Sample ID: DW02

Lab Sample ID: 490-45770-2
Matrix: Water

Date Collected: 01/31/14 13:10
Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 13:20	1
Benzene	ND		1.00	ug/L			02/05/14 13:20	1
Bromobenzene	ND		1.00	ug/L			02/05/14 13:20	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 13:20	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 13:20	1
Bromoform	ND		1.00	ug/L			02/05/14 13:20	1
Bromomethane	ND		1.00	ug/L			02/05/14 13:20	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 13:20	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 13:20	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 13:20	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 13:20	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 13:20	1
Chloroethane	ND		1.00	ug/L			02/05/14 13:20	1
Chloroform	ND		1.00	ug/L			02/05/14 13:20	1
Chloromethane	ND		1.00	ug/L			02/05/14 13:20	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 13:20	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 13:20	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 13:20	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 13:20	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 13:20	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 13:20	1
Dibromomethane	ND		1.00	ug/L			02/05/14 13:20	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW02

Date Collected: 01/31/14 13:10
Date Received: 02/04/14 09:00

Lab Sample ID: 490-45770-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 13:20	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 13:20	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 13:20	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 13:20	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 13:20	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 13:20	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 13:20	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 13:20	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 13:20	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 13:20	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 13:20	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 13:20	1
2-Hexanone	ND		5.00	ug/L			02/05/14 13:20	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 13:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 13:20	1
Methyl tert-butyl ether	**76.9**		1.00	ug/L			02/05/14 13:20	1
Naphthalene	ND		5.00	ug/L			02/05/14 13:20	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 13:20	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
Styrene	ND		1.00	ug/L			02/05/14 13:20	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 13:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 13:20	1
Tetrachloroethene	ND		1.00	ug/L			02/05/14 13:20	1
Toluene	ND		1.00	ug/L			02/05/14 13:20	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 13:20	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 13:20	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 13:20	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 13:20	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 13:20	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 13:20	1
Trichloroethene	ND		1.00	ug/L			02/05/14 13:20	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 13:20	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 13:20	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 13:20	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 13:20	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*02/05/14 13:20*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*02/05/14 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/05/14 13:20*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/05/14 13:20*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW03

Date Collected: 01/31/14 13:15
Date Received: 02/04/14 09:00

Lab Sample ID: 490-45770-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 13:47	1
Benzene	**14.4**		1.00	ug/L			02/05/14 13:47	1
Bromobenzene	ND		1.00	ug/L			02/05/14 13:47	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 13:47	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 13:47	1
Bromoform	ND		1.00	ug/L			02/05/14 13:47	1
Bromomethane	ND		1.00	ug/L			02/05/14 13:47	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 13:47	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 13:47	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 13:47	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 13:47	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 13:47	1
Chloroethane	ND		1.00	ug/L			02/05/14 13:47	1
Chloroform	ND		1.00	ug/L			02/05/14 13:47	1
Chloromethane	ND		1.00	ug/L			02/05/14 13:47	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 13:47	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 13:47	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 13:47	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 13:47	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 13:47	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 13:47	1
Dibromomethane	ND		1.00	ug/L			02/05/14 13:47	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 13:47	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 13:47	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 13:47	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 13:47	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 13:47	1
1,2-Dichloroethane	**1.24**		1.00	ug/L			02/05/14 13:47	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 13:47	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 13:47	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 13:47	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 13:47	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 13:47	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 13:47	1
2-Hexanone	ND		5.00	ug/L			02/05/14 13:47	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 13:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 13:47	1
Methyl tert-butyl ether	**38.7**		1.00	ug/L			02/05/14 13:47	1
Naphthalene	ND		5.00	ug/L			02/05/14 13:47	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 13:47	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
Styrene	ND		1.00	ug/L			02/05/14 13:47	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 13:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 13:47	1

Client Sample ID: DW03

Lab Sample ID: 490-45770-3

Date Collected: 01/31/14 13:15

Matrix: Water

Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/05/14 13:47	1
Toluene	ND		1.00	ug/L			02/05/14 13:47	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 13:47	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 13:47	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 13:47	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 13:47	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 13:47	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 13:47	1
Trichloroethene	ND		1.00	ug/L			02/05/14 13:47	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 13:47	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 13:47	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 13:47	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 13:47	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*02/05/14 13:47*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*02/05/14 13:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/05/14 13:47*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/05/14 13:47*	*1*

Client Sample ID: DW12

Lab Sample ID: 490-45770-4

Date Collected: 01/31/14 16:22

Matrix: Water

Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 14:14	1
Benzene	ND		1.00	ug/L			02/05/14 14:14	1
Bromobenzene	ND		1.00	ug/L			02/05/14 14:14	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 14:14	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 14:14	1
Bromoform	ND		1.00	ug/L			02/05/14 14:14	1
Bromomethane	ND		1.00	ug/L			02/05/14 14:14	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 14:14	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 14:14	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 14:14	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 14:14	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 14:14	1
Chloroethane	ND		1.00	ug/L			02/05/14 14:14	1
Chloroform	ND		1.00	ug/L			02/05/14 14:14	1
Chloromethane	ND		1.00	ug/L			02/05/14 14:14	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 14:14	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 14:14	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 14:14	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 14:14	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 14:14	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 14:14	1
Dibromomethane	ND		1.00	ug/L			02/05/14 14:14	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW12

Date Collected: 01/31/14 16:22
Date Received: 02/04/14 09:00

Lab Sample ID: 490-45770-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 14:14	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 14:14	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 14:14	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 14:14	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 14:14	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 14:14	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 14:14	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 14:14	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 14:14	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 14:14	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 14:14	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 14:14	1
2-Hexanone	ND		5.00	ug/L			02/05/14 14:14	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 14:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 14:14	1
Methyl tert-butyl ether	**3.62**		1.00	ug/L			02/05/14 14:14	1
Naphthalene	ND		5.00	ug/L			02/05/14 14:14	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 14:14	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
Styrene	ND		1.00	ug/L			02/05/14 14:14	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 14:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 14:14	1
Tetrachloroethene	ND		1.00	ug/L			02/05/14 14:14	1
Toluene	ND		1.00	ug/L			02/05/14 14:14	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 14:14	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 14:14	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 14:14	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 14:14	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 14:14	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 14:14	1
Trichloroethene	ND		1.00	ug/L			02/05/14 14:14	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 14:14	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 14:14	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 14:14	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 14:14	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/05/14 14:14*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/05/14 14:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/05/14 14:14*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/05/14 14:14*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW13

Date Collected: 01/31/14 14:40
Date Received: 02/04/14 09:00

Lab Sample ID: 490-45770-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 14:42	1
Benzene	ND		1.00	ug/L			02/05/14 14:42	1
Bromobenzene	ND		1.00	ug/L			02/05/14 14:42	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 14:42	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 14:42	1
Bromoform	ND		1.00	ug/L			02/05/14 14:42	1
Bromomethane	ND		1.00	ug/L			02/05/14 14:42	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 14:42	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 14:42	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 14:42	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 14:42	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 14:42	1
Chloroethane	ND		1.00	ug/L			02/05/14 14:42	1
Chloroform	ND		1.00	ug/L			02/05/14 14:42	1
Chloromethane	ND		1.00	ug/L			02/05/14 14:42	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 14:42	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 14:42	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 14:42	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 14:42	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 14:42	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 14:42	1
Dibromomethane	ND		1.00	ug/L			02/05/14 14:42	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 14:42	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 14:42	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 14:42	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 14:42	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 14:42	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 14:42	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 14:42	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 14:42	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 14:42	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 14:42	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 14:42	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 14:42	1
2-Hexanone	ND		5.00	ug/L			02/05/14 14:42	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 14:42	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/05/14 14:42	1
Naphthalene	ND		5.00	ug/L			02/05/14 14:42	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 14:42	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
Styrene	ND		1.00	ug/L			02/05/14 14:42	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 14:42	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 14:42	1

Client Sample ID: DW13

Lab Sample ID: 490-45770-5

Date Collected: 01/31/14 14:40

Matrix: Water

Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/05/14 14:42	1
Toluene	ND		1.00	ug/L			02/05/14 14:42	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 14:42	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 14:42	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 14:42	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 14:42	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 14:42	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 14:42	1
Trichloroethene	ND		1.00	ug/L			02/05/14 14:42	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 14:42	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 14:42	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 14:42	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 14:42	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*02/05/14 14:42*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*02/05/14 14:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/05/14 14:42*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/05/14 14:42*	*1*

Client Sample ID: DW14

Lab Sample ID: 490-45770-6

Date Collected: 01/31/14 15:06

Matrix: Water

Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 15:09	1
Benzene	ND		1.00	ug/L			02/05/14 15:09	1
Bromobenzene	ND		1.00	ug/L			02/05/14 15:09	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 15:09	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 15:09	1
Bromoform	ND		1.00	ug/L			02/05/14 15:09	1
Bromomethane	ND		1.00	ug/L			02/05/14 15:09	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 15:09	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 15:09	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 15:09	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 15:09	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 15:09	1
Chloroethane	ND		1.00	ug/L			02/05/14 15:09	1
Chloroform	ND		1.00	ug/L			02/05/14 15:09	1
Chloromethane	ND		1.00	ug/L			02/05/14 15:09	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 15:09	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 15:09	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 15:09	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 15:09	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 15:09	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 15:09	1
Dibromomethane	ND		1.00	ug/L			02/05/14 15:09	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW14

Lab Sample ID: 490-45770-6

Date Collected: 01/31/14 15:06
Matrix: Water
Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 15:09	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 15:09	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 15:09	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 15:09	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 15:09	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 15:09	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 15:09	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 15:09	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 15:09	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 15:09	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 15:09	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 15:09	1
2-Hexanone	ND		5.00	ug/L			02/05/14 15:09	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 15:09	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/05/14 15:09	1
Naphthalene	ND		5.00	ug/L			02/05/14 15:09	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 15:09	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
Styrene	ND		1.00	ug/L			02/05/14 15:09	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 15:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 15:09	1
Tetrachloroethene	ND		1.00	ug/L			02/05/14 15:09	1
Toluene	ND		1.00	ug/L			02/05/14 15:09	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 15:09	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 15:09	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 15:09	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 15:09	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 15:09	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 15:09	1
Trichloroethene	ND		1.00	ug/L			02/05/14 15:09	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 15:09	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 15:09	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 15:09	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 15:09	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*02/05/14 15:09*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/05/14 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/05/14 15:09*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/05/14 15:09*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW16

Date Collected: 01/31/14 15:40
Date Received: 02/04/14 09:00

Lab Sample ID: 490-45770-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 15:36	1
Benzene	ND		1.00	ug/L			02/05/14 15:36	1
Bromobenzene	ND		1.00	ug/L			02/05/14 15:36	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 15:36	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 15:36	1
Bromoform	ND		1.00	ug/L			02/05/14 15:36	1
Bromomethane	ND		1.00	ug/L			02/05/14 15:36	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 15:36	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 15:36	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 15:36	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 15:36	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 15:36	1
Chloroethane	ND		1.00	ug/L			02/05/14 15:36	1
Chloroform	ND		1.00	ug/L			02/05/14 15:36	1
Chloromethane	ND		1.00	ug/L			02/05/14 15:36	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 15:36	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 15:36	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 15:36	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 15:36	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 15:36	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 15:36	1
Dibromomethane	ND		1.00	ug/L			02/05/14 15:36	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 15:36	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 15:36	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 15:36	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 15:36	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 15:36	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 15:36	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 15:36	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 15:36	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 15:36	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 15:36	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 15:36	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 15:36	1
2-Hexanone	ND		5.00	ug/L			02/05/14 15:36	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 15:36	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/05/14 15:36	1
Naphthalene	ND		5.00	ug/L			02/05/14 15:36	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 15:36	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
Styrene	ND		1.00	ug/L			02/05/14 15:36	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 15:36	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 15:36	1

Client Sample ID: DW16

Lab Sample ID: 490-45770-7

Date Collected: 01/31/14 15:40

Matrix: Water

Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/05/14 15:36	1
Toluene	ND		1.00	ug/L			02/05/14 15:36	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 15:36	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 15:36	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 15:36	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 15:36	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 15:36	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 15:36	1
Trichloroethene	ND		1.00	ug/L			02/05/14 15:36	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 15:36	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 15:36	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 15:36	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 15:36	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*02/05/14 15:36*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/05/14 15:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*02/05/14 15:36*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/05/14 15:36*	*1*

Client Sample ID: DW17

Lab Sample ID: 490-45770-8

Date Collected: 01/31/14 15:50

Matrix: Water

Date Received: 02/04/14 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/05/14 16:04	1
Benzene	ND		1.00	ug/L			02/05/14 16:04	1
Bromobenzene	ND		1.00	ug/L			02/05/14 16:04	1
Bromochloromethane	ND		1.00	ug/L			02/05/14 16:04	1
Bromodichloromethane	ND		1.00	ug/L			02/05/14 16:04	1
Bromoform	ND		1.00	ug/L			02/05/14 16:04	1
Bromomethane	ND		1.00	ug/L			02/05/14 16:04	1
2-Butanone (MEK)	ND		50.0	ug/L			02/05/14 16:04	1
Carbon disulfide	ND		1.00	ug/L			02/05/14 16:04	1
Carbon tetrachloride	ND		1.00	ug/L			02/05/14 16:04	1
Chlorobenzene	ND		1.00	ug/L			02/05/14 16:04	1
Chlorodibromomethane	ND		1.00	ug/L			02/05/14 16:04	1
Chloroethane	ND		1.00	ug/L			02/05/14 16:04	1
Chloroform	ND		1.00	ug/L			02/05/14 16:04	1
Chloromethane	ND		1.00	ug/L			02/05/14 16:04	1
2-Chlorotoluene	ND		1.00	ug/L			02/05/14 16:04	1
4-Chlorotoluene	ND		1.00	ug/L			02/05/14 16:04	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 16:04	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 16:04	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/05/14 16:04	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/05/14 16:04	1
Dibromomethane	ND		1.00	ug/L			02/05/14 16:04	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-45770-1
SDG: FMMD1002

Client Sample ID: DW17

Date Collected: 01/31/14 15:50
Date Received: 02/04/14 09:00

Lab Sample ID: 490-45770-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	ug/L			02/05/14 16:04	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/05/14 16:04	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/05/14 16:04	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/05/14 16:04	1
1,1-Dichloroethane	ND		1.00	ug/L			02/05/14 16:04	1
1,2-Dichloroethane	ND		1.00	ug/L			02/05/14 16:04	1
1,1-Dichloroethene	ND		1.00	ug/L			02/05/14 16:04	1
1,2-Dichloropropane	ND		1.00	ug/L			02/05/14 16:04	1
1,3-Dichloropropane	ND		1.00	ug/L			02/05/14 16:04	1
2,2-Dichloropropane	ND		1.00	ug/L			02/05/14 16:04	1
1,1-Dichloropropene	ND		1.00	ug/L			02/05/14 16:04	1
Ethylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
Hexachlorobutadiene	ND		2.00	ug/L			02/05/14 16:04	1
2-Hexanone	ND		5.00	ug/L			02/05/14 16:04	1
Isopropylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
Methylene Chloride	ND		5.00	ug/L			02/05/14 16:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/05/14 16:04	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/05/14 16:04	1
Naphthalene	ND		5.00	ug/L			02/05/14 16:04	1
n-Butylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
N-Propylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
p-Isopropyltoluene	ND		1.00	ug/L			02/05/14 16:04	1
sec-Butylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
Styrene	ND		1.00	ug/L			02/05/14 16:04	1
tert-Butylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 16:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/05/14 16:04	1
Tetrachloroethene	ND		1.00	ug/L			02/05/14 16:04	1
Toluene	ND		1.00	ug/L			02/05/14 16:04	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/05/14 16:04	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/05/14 16:04	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/05/14 16:04	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/05/14 16:04	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/05/14 16:04	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/05/14 16:04	1
Trichloroethene	ND		1.00	ug/L			02/05/14 16:04	1
Trichlorofluoromethane	ND		1.00	ug/L			02/05/14 16:04	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/05/14 16:04	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/05/14 16:04	1
Vinyl chloride	ND		1.00	ug/L			02/05/14 16:04	1
Xylenes, Total	ND		3.00	ug/L			02/05/14 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*02/05/14 16:04*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*02/05/14 16:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*02/05/14 16:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/05/14 16:04*	*1*

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THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-45770 Chain of Custody

Cooler Received/Opened On 2/4/2014 @ 0900

1. Tracking # 9789 (last 4 digits, FedEx)

Courier: ____Fedex_____ IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 2.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) EZA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) EZA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) EZA

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) EZA

I certify that I attached a label with the unique LIMS number to each container (intial) EZA

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Joshua Bernard

Sampler Signature: Joshua L. Bernard

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

2/7/2014

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: VOCs via 8260B	Analyze For: Loc: 490 45770	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
DW01	01/31/14	1531	3	X			X		X						X						X			X		
DW02	01/31/14	1310	3	X			X		X						X						X			X		
DW03	01/31/14	1315	3	X			X		X						X						X			X		
DW12	01/31/14	1622	3	X			X		X						X						X			X		
DW13	01/31/14	1440	3	X			X		X						X						X			X		
DW14	01/31/14	1506	3	X			X		X						X						X			X		
DW16	01/31/14	1540	3	X			X		X						X						X			X		
DW17	01/31/14	1550	3	X			X		X						X						X			X		

Special Instructions:

Method of Shipment: FEDEX

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Joshua L. Bernard	2/3/2014	844	[illegible] TAN	2-4-14	9:00 22
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-45770-1
SDG Number: FMMD1002

Login Number: 45770
List Number: 1
Creator: Abernathy, Eric

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-46192-1
TestAmerica Sample Delivery Group: FMMD1002
Client Project/Site: Meadows of Dan Food Market

For:
Greene Environmental Services LLC
200 Buckwheat Lane
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Authorized for release by:
2/11/2014 11:04:28 AM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46192-1
SDG: FMMD1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-46192-1	DW02-1	Ground Water	02/07/14 17:45	02/10/14 08:45
490-46192-2	DW03	Ground Water	02/07/14 17:50	02/10/14 08:45
490-46192-3	DW12	Ground Water	02/07/14 17:55	02/10/14 08:45
490-46192-4	DW02-2	Ground Water	02/07/14 17:45	02/10/14 08:45

Case Narrative

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46192-1
SDG: FMMD1002

Job ID: 490-46192-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-46192-1

Comments
No additional comments.

Receipt
The samples were received on 2/10/2014 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 0.6º C.

GC/MS VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46192-1
SDG: FMMD1002

Client Sample ID: DW02-1

Date Collected: 02/07/14 17:45
Date Received: 02/10/14 08:45

Lab Sample ID: 490-46192-1

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/10/14 14:52	1
Benzene	ND		1.00	ug/L			02/10/14 14:52	1
Bromobenzene	ND		1.00	ug/L			02/10/14 14:52	1
Bromochloromethane	ND		1.00	ug/L			02/10/14 14:52	1
Bromodichloromethane	ND		1.00	ug/L			02/10/14 14:52	1
Bromoform	ND		1.00	ug/L			02/10/14 14:52	1
Bromomethane	ND		1.00	ug/L			02/10/14 14:52	1
2-Butanone (MEK)	ND		50.0	ug/L			02/10/14 14:52	1
Carbon disulfide	ND		1.00	ug/L			02/10/14 14:52	1
Carbon tetrachloride	ND		1.00	ug/L			02/10/14 14:52	1
Chlorobenzene	ND		1.00	ug/L			02/10/14 14:52	1
Chlorodibromomethane	ND		1.00	ug/L			02/10/14 14:52	1
Chloroethane	ND		1.00	ug/L			02/10/14 14:52	1
Chloroform	ND		1.00	ug/L			02/10/14 14:52	1
Chloromethane	ND		1.00	ug/L			02/10/14 14:52	1
2-Chlorotoluene	ND		1.00	ug/L			02/10/14 14:52	1
4-Chlorotoluene	ND		1.00	ug/L			02/10/14 14:52	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 14:52	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 14:52	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/10/14 14:52	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/10/14 14:52	1
Dibromomethane	ND		1.00	ug/L			02/10/14 14:52	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/10/14 14:52	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/10/14 14:52	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/10/14 14:52	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/10/14 14:52	1
1,1-Dichloroethane	ND		1.00	ug/L			02/10/14 14:52	1
1,2-Dichloroethane	ND		1.00	ug/L			02/10/14 14:52	1
1,1-Dichloroethene	ND		1.00	ug/L			02/10/14 14:52	1
1,2-Dichloropropane	ND		1.00	ug/L			02/10/14 14:52	1
1,3-Dichloropropane	ND		1.00	ug/L			02/10/14 14:52	1
2,2-Dichloropropane	ND		1.00	ug/L			02/10/14 14:52	1
1,1-Dichloropropene	ND		1.00	ug/L			02/10/14 14:52	1
Ethylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
Hexachlorobutadiene	ND		2.00	ug/L			02/10/14 14:52	1
2-Hexanone	ND		5.00	ug/L			02/10/14 14:52	1
Isopropylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
Methylene Chloride	ND		5.00	ug/L			02/10/14 14:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/10/14 14:52	1
Methyl tert-butyl ether	**74.6**		1.00	ug/L			02/10/14 14:52	1
Naphthalene	ND		5.00	ug/L			02/10/14 14:52	1
n-Butylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
N-Propylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
p-Isopropyltoluene	ND		1.00	ug/L			02/10/14 14:52	1
sec-Butylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
Styrene	ND		1.00	ug/L			02/10/14 14:52	1
tert-Butylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 14:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 14:52	1

Client Sample ID: DW02-1

Lab Sample ID: 490-46192-1

Date Collected: 02/07/14 17:45

Matrix: Ground Water

Date Received: 02/10/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/10/14 14:52	1
Toluene	ND		1.00	ug/L			02/10/14 14:52	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 14:52	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 14:52	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/10/14 14:52	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/10/14 14:52	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/10/14 14:52	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/10/14 14:52	1
Trichloroethene	ND		1.00	ug/L			02/10/14 14:52	1
Trichlorofluoromethane	ND		1.00	ug/L			02/10/14 14:52	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/10/14 14:52	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/10/14 14:52	1
Vinyl chloride	ND		1.00	ug/L			02/10/14 14:52	1
Xylenes, Total	ND		3.00	ug/L			02/10/14 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/10/14 14:52*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*02/10/14 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/10/14 14:52*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/10/14 14:52*	*1*

Client Sample ID: DW03

Lab Sample ID: 490-46192-2

Date Collected: 02/07/14 17:50

Matrix: Ground Water

Date Received: 02/10/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/10/14 15:19	1
Benzene	ND		1.00	ug/L			02/10/14 15:19	1
Bromobenzene	ND		1.00	ug/L			02/10/14 15:19	1
Bromochloromethane	ND		1.00	ug/L			02/10/14 15:19	1
Bromodichloromethane	ND		1.00	ug/L			02/10/14 15:19	1
Bromoform	ND		1.00	ug/L			02/10/14 15:19	1
Bromomethane	ND		1.00	ug/L			02/10/14 15:19	1
2-Butanone (MEK)	ND		50.0	ug/L			02/10/14 15:19	1
Carbon disulfide	ND		1.00	ug/L			02/10/14 15:19	1
Carbon tetrachloride	ND		1.00	ug/L			02/10/14 15:19	1
Chlorobenzene	ND		1.00	ug/L			02/10/14 15:19	1
Chlorodibromomethane	ND		1.00	ug/L			02/10/14 15:19	1
Chloroethane	ND		1.00	ug/L			02/10/14 15:19	1
Chloroform	ND		1.00	ug/L			02/10/14 15:19	1
Chloromethane	ND		1.00	ug/L			02/10/14 15:19	1
2-Chlorotoluene	ND		1.00	ug/L			02/10/14 15:19	1
4-Chlorotoluene	ND		1.00	ug/L			02/10/14 15:19	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 15:19	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 15:19	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/10/14 15:19	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/10/14 15:19	1
Dibromomethane	ND		1.00	ug/L			02/10/14 15:19	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46192-1
SDG: FMMD1002

Client Sample ID: DW03

Date Collected: 02/07/14 17:50
Date Received: 02/10/14 08:45

Lab Sample ID: 490-46192-2

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	ug/L			02/10/14 15:19	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/10/14 15:19	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/10/14 15:19	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/10/14 15:19	1
1,1-Dichloroethane	ND		1.00	ug/L			02/10/14 15:19	1
1,2-Dichloroethane	ND		1.00	ug/L			02/10/14 15:19	1
1,1-Dichloroethene	ND		1.00	ug/L			02/10/14 15:19	1
1,2-Dichloropropane	ND		1.00	ug/L			02/10/14 15:19	1
1,3-Dichloropropane	ND		1.00	ug/L			02/10/14 15:19	1
2,2-Dichloropropane	ND		1.00	ug/L			02/10/14 15:19	1
1,1-Dichloropropene	ND		1.00	ug/L			02/10/14 15:19	1
Ethylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
Hexachlorobutadiene	ND		2.00	ug/L			02/10/14 15:19	1
2-Hexanone	ND		5.00	ug/L			02/10/14 15:19	1
Isopropylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
Methylene Chloride	ND		5.00	ug/L			02/10/14 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/10/14 15:19	1
Methyl tert-butyl ether	**2.71**		1.00	ug/L			02/10/14 15:19	1
Naphthalene	ND		5.00	ug/L			02/10/14 15:19	1
n-Butylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
N-Propylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
p-Isopropyltoluene	ND		1.00	ug/L			02/10/14 15:19	1
sec-Butylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
Styrene	ND		1.00	ug/L			02/10/14 15:19	1
tert-Butylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 15:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 15:19	1
Tetrachloroethene	ND		1.00	ug/L			02/10/14 15:19	1
Toluene	ND		1.00	ug/L			02/10/14 15:19	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 15:19	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 15:19	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/10/14 15:19	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/10/14 15:19	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/10/14 15:19	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/10/14 15:19	1
Trichloroethene	ND		1.00	ug/L			02/10/14 15:19	1
Trichlorofluoromethane	ND		1.00	ug/L			02/10/14 15:19	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/10/14 15:19	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/10/14 15:19	1
Vinyl chloride	ND		1.00	ug/L			02/10/14 15:19	1
Xylenes, Total	ND		3.00	ug/L			02/10/14 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*02/10/14 15:19*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/10/14 15:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/10/14 15:19*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/10/14 15:19*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46192-1
SDG: FMMD1002

Client Sample ID: DW12

Date Collected: 02/07/14 17:55
Date Received: 02/10/14 08:45

Lab Sample ID: 490-46192-3

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/10/14 15:46	1
Benzene	ND		1.00	ug/L			02/10/14 15:46	1
Bromobenzene	ND		1.00	ug/L			02/10/14 15:46	1
Bromochloromethane	ND		1.00	ug/L			02/10/14 15:46	1
Bromodichloromethane	ND		1.00	ug/L			02/10/14 15:46	1
Bromoform	ND		1.00	ug/L			02/10/14 15:46	1
Bromomethane	ND		1.00	ug/L			02/10/14 15:46	1
2-Butanone (MEK)	ND		50.0	ug/L			02/10/14 15:46	1
Carbon disulfide	ND		1.00	ug/L			02/10/14 15:46	1
Carbon tetrachloride	ND		1.00	ug/L			02/10/14 15:46	1
Chlorobenzene	ND		1.00	ug/L			02/10/14 15:46	1
Chlorodibromomethane	ND		1.00	ug/L			02/10/14 15:46	1
Chloroethane	ND		1.00	ug/L			02/10/14 15:46	1
Chloroform	ND		1.00	ug/L			02/10/14 15:46	1
Chloromethane	ND		1.00	ug/L			02/10/14 15:46	1
2-Chlorotoluene	ND		1.00	ug/L			02/10/14 15:46	1
4-Chlorotoluene	ND		1.00	ug/L			02/10/14 15:46	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 15:46	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 15:46	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/10/14 15:46	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/10/14 15:46	1
Dibromomethane	ND		1.00	ug/L			02/10/14 15:46	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/10/14 15:46	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/10/14 15:46	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/10/14 15:46	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/10/14 15:46	1
1,1-Dichloroethane	ND		1.00	ug/L			02/10/14 15:46	1
1,2-Dichloroethane	ND		1.00	ug/L			02/10/14 15:46	1
1,1-Dichloroethene	ND		1.00	ug/L			02/10/14 15:46	1
1,2-Dichloropropane	ND		1.00	ug/L			02/10/14 15:46	1
1,3-Dichloropropane	ND		1.00	ug/L			02/10/14 15:46	1
2,2-Dichloropropane	ND		1.00	ug/L			02/10/14 15:46	1
1,1-Dichloropropene	ND		1.00	ug/L			02/10/14 15:46	1
Ethylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
Hexachlorobutadiene	ND		2.00	ug/L			02/10/14 15:46	1
2-Hexanone	ND		5.00	ug/L			02/10/14 15:46	1
Isopropylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
Methylene Chloride	ND		5.00	ug/L			02/10/14 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/10/14 15:46	1
Methyl tert-butyl ether	**3.40**		1.00	ug/L			02/10/14 15:46	1
Naphthalene	ND		5.00	ug/L			02/10/14 15:46	1
n-Butylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
N-Propylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
p-Isopropyltoluene	ND		1.00	ug/L			02/10/14 15:46	1
sec-Butylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
Styrene	ND		1.00	ug/L			02/10/14 15:46	1
tert-Butylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 15:46	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 15:46	1

Client Sample ID: DW12

Lab Sample ID: 490-46192-3

Date Collected: 02/07/14 17:55

Matrix: Ground Water

Date Received: 02/10/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/10/14 15:46	1
Toluene	ND		1.00	ug/L			02/10/14 15:46	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 15:46	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 15:46	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/10/14 15:46	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/10/14 15:46	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/10/14 15:46	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/10/14 15:46	1
Trichloroethene	ND		1.00	ug/L			02/10/14 15:46	1
Trichlorofluoromethane	ND		1.00	ug/L			02/10/14 15:46	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/10/14 15:46	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/10/14 15:46	1
Vinyl chloride	ND		1.00	ug/L			02/10/14 15:46	1
Xylenes, Total	ND		3.00	ug/L			02/10/14 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/10/14 15:46*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*02/10/14 15:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*02/10/14 15:46*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/10/14 15:46*	*1*

Client Sample ID: DW02-2

Lab Sample ID: 490-46192-4

Date Collected: 02/07/14 17:45

Matrix: Ground Water

Date Received: 02/10/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/10/14 16:14	1
Benzene	ND		1.00	ug/L			02/10/14 16:14	1
Bromobenzene	ND		1.00	ug/L			02/10/14 16:14	1
Bromochloromethane	ND		1.00	ug/L			02/10/14 16:14	1
Bromodichloromethane	ND		1.00	ug/L			02/10/14 16:14	1
Bromoform	ND		1.00	ug/L			02/10/14 16:14	1
Bromomethane	ND		1.00	ug/L			02/10/14 16:14	1
2-Butanone (MEK)	ND		50.0	ug/L			02/10/14 16:14	1
Carbon disulfide	ND		1.00	ug/L			02/10/14 16:14	1
Carbon tetrachloride	ND		1.00	ug/L			02/10/14 16:14	1
Chlorobenzene	ND		1.00	ug/L			02/10/14 16:14	1
Chlorodibromomethane	ND		1.00	ug/L			02/10/14 16:14	1
Chloroethane	ND		1.00	ug/L			02/10/14 16:14	1
Chloroform	ND		1.00	ug/L			02/10/14 16:14	1
Chloromethane	ND		1.00	ug/L			02/10/14 16:14	1
2-Chlorotoluene	ND		1.00	ug/L			02/10/14 16:14	1
4-Chlorotoluene	ND		1.00	ug/L			02/10/14 16:14	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 16:14	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 16:14	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/10/14 16:14	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/10/14 16:14	1
Dibromomethane	ND		1.00	ug/L			02/10/14 16:14	1

Client Sample ID: DW02-2

Date Collected: 02/07/14 17:45
Date Received: 02/10/14 08:45

Lab Sample ID: 490-46192-4

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	ug/L			02/10/14 16:14	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/10/14 16:14	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/10/14 16:14	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/10/14 16:14	1
1,1-Dichloroethane	ND		1.00	ug/L			02/10/14 16:14	1
1,2-Dichloroethane	ND		1.00	ug/L			02/10/14 16:14	1
1,1-Dichloroethene	ND		1.00	ug/L			02/10/14 16:14	1
1,2-Dichloropropane	ND		1.00	ug/L			02/10/14 16:14	1
1,3-Dichloropropane	ND		1.00	ug/L			02/10/14 16:14	1
2,2-Dichloropropane	ND		1.00	ug/L			02/10/14 16:14	1
1,1-Dichloropropene	ND		1.00	ug/L			02/10/14 16:14	1
Ethylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
Hexachlorobutadiene	ND		2.00	ug/L			02/10/14 16:14	1
2-Hexanone	ND		5.00	ug/L			02/10/14 16:14	1
Isopropylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
Methylene Chloride	ND		5.00	ug/L			02/10/14 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/10/14 16:14	1
Methyl tert-butyl ether	**76.5**		1.00	ug/L			02/10/14 16:14	1
Naphthalene	ND		5.00	ug/L			02/10/14 16:14	1
n-Butylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
N-Propylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
p-Isopropyltoluene	ND		1.00	ug/L			02/10/14 16:14	1
sec-Butylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
Styrene	ND		1.00	ug/L			02/10/14 16:14	1
tert-Butylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 16:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/10/14 16:14	1
Tetrachloroethene	ND		1.00	ug/L			02/10/14 16:14	1
Toluene	ND		1.00	ug/L			02/10/14 16:14	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/10/14 16:14	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/10/14 16:14	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/10/14 16:14	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/10/14 16:14	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/10/14 16:14	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/10/14 16:14	1
Trichloroethene	ND		1.00	ug/L			02/10/14 16:14	1
Trichlorofluoromethane	ND		1.00	ug/L			02/10/14 16:14	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/10/14 16:14	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/10/14 16:14	1
Vinyl chloride	ND		1.00	ug/L			02/10/14 16:14	1
Xylenes, Total	ND		3.00	ug/L			02/10/14 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/10/14 16:14*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/10/14 16:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/10/14 16:14*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/10/14 16:14*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-46192 Chain of Custody

Cooler Received/Opened On 2/10/2014 @ 0845

1. Tracking # 9807 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 0.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 2 front / back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED
Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Arthur T. Greene

Sampler Signature:

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Loc: 490
46192

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): Surface Water	Analyze For: VOCs via 8260B	RUSH TAT (Pre-Schedule	Standard TAT	Fax Results	Send QC with report
DW02 - 1	02/07/14	1745	3	X			X		X						X						X	X			
DW03	02/07/14	1750	3	X			X		X						X						X	X			
DW12	02/07/14	1755	3	X			X		X						X						X	X			
DW02-2	02/07/14	1745	3	X			X		X						X						X				

Special Instructions: Rush - 24 Hr.

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
	2/7/2014	1930	D.B.	2/10/14	0845
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N

2/11/2014

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-46192-1
SDG Number: FMMD1002

Login Number: 46192
List Number: 1
Creator: Buckingham, Paul

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-46311-1
TestAmerica Sample Delivery Group: FMMD1002
Client Project/Site: Meadows of Dan Food Markey
Revision: 1

For:
Greene Environmental Services LLC
200 Buckwheat Lane
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Authorized for release by:
2/14/2014 2:48:00 PM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-46311-1	DW02-1	Ground Water	02/10/14 16:15	02/12/14 08:45
490-46311-2	DW02-2	Ground Water	02/10/14 16:15	02/12/14 08:45
490-46311-3	DW03	Ground Water	02/10/14 16:15	02/12/14 08:45
490-46311-4	DW10	Ground Water	02/10/14 17:30	02/12/14 08:45
490-46311-5	DW11	Ground Water	02/10/14 17:25	02/12/14 08:45
490-46311-6	DW12	Ground Water	02/10/14 17:45	02/12/14 08:45
490-46311-7	DW13	Ground Water	02/10/14 17:00	02/12/14 08:45
490-46311-8	DW14	Ground Water	02/10/14 17:00	02/12/14 08:45
490-46311-9	DW15	Ground Water	02/10/14 15:30	02/12/14 08:45
490-46311-10	DW16	Ground Water	02/10/14 16:45	02/12/14 08:45
490-46311-11	DW01	Ground Water	02/10/14 16:30	02/12/14 08:45
490-46311-12	DW17	Ground Water	02/10/14 16:20	02/12/14 08:45

Job ID: 490-46311-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-46311-1

REVISED REPORT: Revised to remove reference to containers not received. Proper containers were received for all analyses needed. This report replaces the one generated on 2/14/14 at 1253.

Comments
No additional comments.

Receipt
The samples were received on 2/12/2014 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 0.2º C, 0.3º C, 0.9º C, 1.1º C and 3.4º C.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Surrogate recovery for 2,4,6-Tribromophenol on the following sample was outside the upper control limit: DW02-1 (490-46311-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 141321.

Method(s) 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 141541.

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 141321.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 141541

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW02-1
Date Collected: 02/10/14 16:15
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-1
Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW02-1

Lab Sample ID: 490-46311-1

Date Collected: 02/10/14 16:15
Matrix: Ground Water
Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 20:13	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 20:13	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*102*		*29 - 120*	*02/12/14 14:47*	*02/12/14 20:13*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 120*	*02/12/14 14:47*	*02/12/14 20:13*	*1*
Nitrobenzene-d5 (Surr)	*110*		*27 - 120*	*02/12/14 14:47*	*02/12/14 20:13*	*1*
Phenol-d5 (Surr)	*35*		*10 - 120*	*02/12/14 14:47*	*02/12/14 20:13*	*1*
Terphenyl-d14 (Surr)	*73*		*13 - 120*	*02/12/14 14:47*	*02/12/14 20:13*	*1*
2,4,6-Tribromophenol (Surr)	*121*	*X*	*10 - 120*	*02/12/14 14:47*	*02/12/14 20:13*	*1*

Client Sample ID: DW02-2

Lab Sample ID: 490-46311-2

Date Collected: 02/10/14 16:15
Matrix: Ground Water
Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Acenaphthylene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Anthracene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Benzo[a]anthracene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Benzo[a]pyrene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Benzo[b]fluoranthene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Benzo[g,h,i]perylene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Benzo[k]fluoranthene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Bis(2-chloroethoxy)methane	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Bis(2-chloroethyl)ether	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
bis (2-chloroisopropyl) ether	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Bis(2-ethylhexyl) phthalate	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
4-Bromophenyl phenyl ether	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Butyl benzyl phthalate	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Carbazole	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
4-Chloroaniline	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
4-Chloro-3-methylphenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
2-Chloronaphthalene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1

Client Sample ID: DW02-2

Date Collected: 02/10/14 16:15
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-2

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
4-Chlorophenyl phenyl ether	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Chrysene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Cresols	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Dibenz(a,h)anthracene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Dibenzofuran	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
1,2-Dichlorobenzene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
1,3-Dichlorobenzene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
1,4-Dichlorobenzene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
3,3'-Dichlorobenzidine	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,4-Dichlorophenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Diethyl phthalate	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,4-Dimethylphenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Dimethyl phthalate	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Di-n-butyl phthalate	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
4,6-Dinitro-2-methylphenol	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,4-Dinitrophenol	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,4-Dinitrotoluene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,6-Dinitrotoluene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Di-n-octyl phthalate	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Fluoranthene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Fluorene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Hexachlorobenzene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Hexachlorobutadiene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Hexachlorocyclopentadiene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Hexachloroethane	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Indeno[1,2,3-cd]pyrene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Isophorone	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
1-Methylnaphthalene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
2-Methylnaphthalene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
2-Methylphenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
3 & 4 Methylphenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Naphthalene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
2-Nitroaniline	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
3-Nitroaniline	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
4-Nitroaniline	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
Nitrobenzene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
2-Nitrophenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
4-Nitrophenol	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
N-Nitrosodi-n-propylamine	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Pentachlorophenol	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
Phenanthrene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
Phenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
Pyrene	ND		1.90	ug/L		02/12/14 14:47	02/12/14 20:37	1
1,2,4-Trichlorobenzene	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,4,5-Trichlorophenol	ND		23.8	ug/L		02/12/14 14:47	02/12/14 20:37	1
2,4,6-Trichlorophenol	ND		9.52	ug/L		02/12/14 14:47	02/12/14 20:37	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW02-2

Lab Sample ID: 490-46311-2

Date Collected: 02/10/14 16:15
Matrix: Ground Water
Date Received: 02/12/14 08:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*02/12/14 14:47*	*02/12/14 20:37*	*1*
2-Fluorophenol (Surr)	*48*		*10 - 120*	*02/12/14 14:47*	*02/12/14 20:37*	*1*
Nitrobenzene-d5 (Surr)	*94*		*27 - 120*	*02/12/14 14:47*	*02/12/14 20:37*	*1*
Phenol-d5 (Surr)	*30*		*10 - 120*	*02/12/14 14:47*	*02/12/14 20:37*	*1*
Terphenyl-d14 (Surr)	*68*		*13 - 120*	*02/12/14 14:47*	*02/12/14 20:37*	*1*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 120*	*02/12/14 14:47*	*02/12/14 20:37*	*1*

Client Sample ID: DW03

Lab Sample ID: 490-46311-3

Date Collected: 02/10/14 16:15
Matrix: Ground Water
Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1

Client Sample ID: DW03

Lab Sample ID: 490-46311-3

Date Collected: 02/10/14 16:15

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:02	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:02	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*29 - 120*	*02/12/14 14:47*	*02/12/14 21:02*	*1*
2-Fluorophenol (Surr)	*44*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:02*	*1*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*	*02/12/14 14:47*	*02/12/14 21:02*	*1*
Phenol-d5 (Surr)	*27*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:02*	*1*
Terphenyl-d14 (Surr)	*59*		*13 - 120*	*02/12/14 14:47*	*02/12/14 21:02*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:02*	*1*

Client Sample ID: DW10

Lab Sample ID: 490-46311-4

Date Collected: 02/10/14 17:30

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 14:27	1
Benzene	ND		1.00	ug/L			02/12/14 14:27	1
Bromobenzene	ND		1.00	ug/L			02/12/14 14:27	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 14:27	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 14:27	1
Bromoform	ND		1.00	ug/L			02/12/14 14:27	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW10

Date Collected: 02/10/14 17:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-4

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.00	ug/L			02/12/14 14:27	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 14:27	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 14:27	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 14:27	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 14:27	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 14:27	1
Chloroethane	ND		1.00	ug/L			02/12/14 14:27	1
Chloroform	ND		1.00	ug/L			02/12/14 14:27	1
Chloromethane	ND		1.00	ug/L			02/12/14 14:27	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 14:27	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 14:27	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 14:27	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 14:27	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 14:27	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 14:27	1
Dibromomethane	ND		1.00	ug/L			02/12/14 14:27	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 14:27	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 14:27	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 14:27	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 14:27	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 14:27	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 14:27	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 14:27	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 14:27	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 14:27	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 14:27	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 14:27	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 14:27	1
2-Hexanone	ND		5.00	ug/L			02/12/14 14:27	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 14:27	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 14:27	1
Naphthalene	ND		5.00	ug/L			02/12/14 14:27	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 14:27	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
Styrene	ND		1.00	ug/L			02/12/14 14:27	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 14:27	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 14:27	1
Tetrachloroethene	ND		1.00	ug/L			02/12/14 14:27	1
Toluene	ND		1.00	ug/L			02/12/14 14:27	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 14:27	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 14:27	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 14:27	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 14:27	1

Client Sample ID: DW10

Date Collected: 02/10/14 17:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-4

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 14:27	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 14:27	1
Trichloroethene	ND		1.00	ug/L			02/12/14 14:27	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 14:27	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 14:27	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 14:27	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 14:27	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/12/14 14:27*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*02/12/14 14:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*02/12/14 14:27*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/12/14 14:27*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1

Client Sample ID: DW10

Lab Sample ID: 490-46311-4

Date Collected: 02/10/14 17:30

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:26	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:26	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*29 - 120*	*02/12/14 14:47*	*02/12/14 21:26*	*1*
2-Fluorophenol (Surr)	*44*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:26*	*1*
Nitrobenzene-d5 (Surr)	*85*		*27 - 120*	*02/12/14 14:47*	*02/12/14 21:26*	*1*
Phenol-d5 (Surr)	*27*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:26*	*1*
Terphenyl-d14 (Surr)	*68*		*13 - 120*	*02/12/14 14:47*	*02/12/14 21:26*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:26*	*1*

Client Sample ID: DW11

Lab Sample ID: 490-46311-5

Date Collected: 02/10/14 17:25

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 14:54	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW11

Date Collected: 02/10/14 17:25
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-5

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00	ug/L			02/12/14 14:54	1
Bromobenzene	ND		1.00	ug/L			02/12/14 14:54	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 14:54	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 14:54	1
Bromoform	ND		1.00	ug/L			02/12/14 14:54	1
Bromomethane	ND		1.00	ug/L			02/12/14 14:54	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 14:54	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 14:54	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 14:54	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 14:54	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 14:54	1
Chloroethane	ND		1.00	ug/L			02/12/14 14:54	1
Chloroform	ND		1.00	ug/L			02/12/14 14:54	1
Chloromethane	ND		1.00	ug/L			02/12/14 14:54	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 14:54	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 14:54	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 14:54	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 14:54	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 14:54	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 14:54	1
Dibromomethane	ND		1.00	ug/L			02/12/14 14:54	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 14:54	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 14:54	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 14:54	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 14:54	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 14:54	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 14:54	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 14:54	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 14:54	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 14:54	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 14:54	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 14:54	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 14:54	1
2-Hexanone	ND		5.00	ug/L			02/12/14 14:54	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 14:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 14:54	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 14:54	1
Naphthalene	ND		5.00	ug/L			02/12/14 14:54	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 14:54	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
Styrene	ND		1.00	ug/L			02/12/14 14:54	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 14:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 14:54	1
Tetrachloroethene	ND		1.00	ug/L			02/12/14 14:54	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW11

Date Collected: 02/10/14 17:25
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-5

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.00	ug/L			02/12/14 14:54	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 14:54	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 14:54	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 14:54	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 14:54	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 14:54	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 14:54	1
Trichloroethene	ND		1.00	ug/L			02/12/14 14:54	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 14:54	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 14:54	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 14:54	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 14:54	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*02/12/14 14:54*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*02/12/14 14:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*02/12/14 14:54*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/12/14 14:54*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1

Client Sample ID: DW11

Date Collected: 02/10/14 17:25
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-5

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 21:51	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 21:51	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*29 - 120*	*02/12/14 14:47*	*02/12/14 21:51*	*1*
2-Fluorophenol (Surr)	*46*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:51*	*1*
Nitrobenzene-d5 (Surr)	*90*		*27 - 120*	*02/12/14 14:47*	*02/12/14 21:51*	*1*
Phenol-d5 (Surr)	*26*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:51*	*1*
Terphenyl-d14 (Surr)	*66*		*13 - 120*	*02/12/14 14:47*	*02/12/14 21:51*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 120*	*02/12/14 14:47*	*02/12/14 21:51*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW12

Date Collected: 02/10/14 17:45
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-6

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1

Client Sample ID: DW12

Lab Sample ID: 490-46311-6

Date Collected: 02/10/14 17:45

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:15	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:15	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*99*		*29 - 120*	*02/12/14 14:47*	*02/12/14 22:15*	*1*
2-Fluorophenol (Surr)	*50*		*10 - 120*	*02/12/14 14:47*	*02/12/14 22:15*	*1*
Nitrobenzene-d5 (Surr)	*96*		*27 - 120*	*02/12/14 14:47*	*02/12/14 22:15*	*1*
Phenol-d5 (Surr)	*30*		*10 - 120*	*02/12/14 14:47*	*02/12/14 22:15*	*1*
Terphenyl-d14 (Surr)	*66*		*13 - 120*	*02/12/14 14:47*	*02/12/14 22:15*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 120*	*02/12/14 14:47*	*02/12/14 22:15*	*1*

Client Sample ID: DW13

Lab Sample ID: 490-46311-7

Date Collected: 02/10/14 17:00

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 15:20	1
Benzene	ND		1.00	ug/L			02/12/14 15:20	1
Bromobenzene	ND		1.00	ug/L			02/12/14 15:20	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 15:20	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 15:20	1
Bromoform	ND		1.00	ug/L			02/12/14 15:20	1
Bromomethane	ND		1.00	ug/L			02/12/14 15:20	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 15:20	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 15:20	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 15:20	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 15:20	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 15:20	1
Chloroethane	ND		1.00	ug/L			02/12/14 15:20	1
Chloroform	ND		1.00	ug/L			02/12/14 15:20	1
Chloromethane	ND		1.00	ug/L			02/12/14 15:20	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 15:20	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 15:20	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 15:20	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW13

Date Collected: 02/10/14 17:00
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-7

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 15:20	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 15:20	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 15:20	1
Dibromomethane	ND		1.00	ug/L			02/12/14 15:20	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 15:20	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 15:20	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 15:20	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 15:20	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 15:20	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 15:20	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 15:20	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 15:20	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 15:20	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 15:20	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 15:20	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 15:20	1
2-Hexanone	ND		5.00	ug/L			02/12/14 15:20	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 15:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 15:20	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 15:20	1
Naphthalene	ND		5.00	ug/L			02/12/14 15:20	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 15:20	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
Styrene	ND		1.00	ug/L			02/12/14 15:20	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 15:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 15:20	1
Tetrachloroethene	ND		1.00	ug/L			02/12/14 15:20	1
Toluene	ND		1.00	ug/L			02/12/14 15:20	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 15:20	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 15:20	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 15:20	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 15:20	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 15:20	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 15:20	1
Trichloroethene	ND		1.00	ug/L			02/12/14 15:20	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 15:20	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 15:20	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 15:20	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 15:20	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*02/12/14 15:20*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*02/12/14 15:20*	*1*

Client Sample ID: DW13

Date Collected: 02/10/14 17:00
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-7

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*02/12/14 15:20*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/12/14 15:20*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1

Client Sample ID: DW13

Lab Sample ID: 490-46311-7

Date Collected: 02/10/14 17:00

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 22:40	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 22:40	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*99*		*29 - 120*	*02/12/14 14:47*	*02/12/14 22:40*	*1*
2-Fluorophenol (Surr)	*55*		*10 - 120*	*02/12/14 14:47*	*02/12/14 22:40*	*1*
Nitrobenzene-d5 (Surr)	*101*		*27 - 120*	*02/12/14 14:47*	*02/12/14 22:40*	*1*
Phenol-d5 (Surr)	*35*		*10 - 120*	*02/12/14 14:47*	*02/12/14 22:40*	*1*
Terphenyl-d14 (Surr)	*66*		*13 - 120*	*02/12/14 14:47*	*02/12/14 22:40*	*1*
2,4,6-Tribromophenol (Surr)	*108*		*10 - 120*	*02/12/14 14:47*	*02/12/14 22:40*	*1*

Client Sample ID: DW14

Lab Sample ID: 490-46311-8

Date Collected: 02/10/14 17:00

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 15:47	1
Benzene	ND		1.00	ug/L			02/12/14 15:47	1
Bromobenzene	ND		1.00	ug/L			02/12/14 15:47	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 15:47	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 15:47	1
Bromoform	ND		1.00	ug/L			02/12/14 15:47	1
Bromomethane	ND		1.00	ug/L			02/12/14 15:47	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 15:47	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 15:47	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 15:47	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 15:47	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 15:47	1
Chloroethane	ND		1.00	ug/L			02/12/14 15:47	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW14

Date Collected: 02/10/14 17:00
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-8

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.00	ug/L			02/12/14 15:47	1
Chloromethane	ND		1.00	ug/L			02/12/14 15:47	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 15:47	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 15:47	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 15:47	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 15:47	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 15:47	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 15:47	1
Dibromomethane	ND		1.00	ug/L			02/12/14 15:47	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 15:47	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 15:47	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 15:47	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 15:47	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 15:47	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 15:47	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 15:47	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 15:47	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 15:47	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 15:47	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 15:47	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 15:47	1
2-Hexanone	ND		5.00	ug/L			02/12/14 15:47	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 15:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 15:47	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 15:47	1
Naphthalene	ND		5.00	ug/L			02/12/14 15:47	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 15:47	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
Styrene	ND		1.00	ug/L			02/12/14 15:47	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 15:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 15:47	1
Tetrachloroethene	ND		1.00	ug/L			02/12/14 15:47	1
Toluene	ND		1.00	ug/L			02/12/14 15:47	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 15:47	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 15:47	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 15:47	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 15:47	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 15:47	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 15:47	1
Trichloroethene	ND		1.00	ug/L			02/12/14 15:47	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 15:47	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 15:47	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 15:47	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 15:47	1

Client Sample ID: DW14

Date Collected: 02/10/14 17:00
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-8

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.00	ug/L			02/12/14 15:47	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*02/12/14 15:47*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*02/12/14 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*02/12/14 15:47*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*02/12/14 15:47*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1

Client Sample ID: DW14

Lab Sample ID: 490-46311-8

Date Collected: 02/10/14 17:00

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:04	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:04	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*	*02/12/14 14:47*	*02/12/14 23:04*	*1*
2-Fluorophenol (Surr)	*45*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:04*	*1*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*	*02/12/14 14:47*	*02/12/14 23:04*	*1*
Phenol-d5 (Surr)	*29*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:04*	*1*
Terphenyl-d14 (Surr)	*61*		*13 - 120*	*02/12/14 14:47*	*02/12/14 23:04*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:04*	*1*

Client Sample ID: DW15

Lab Sample ID: 490-46311-9

Date Collected: 02/10/14 15:30

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 16:14	1
Benzene	ND		1.00	ug/L			02/12/14 16:14	1
Bromobenzene	ND		1.00	ug/L			02/12/14 16:14	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 16:14	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 16:14	1
Bromoform	ND		1.00	ug/L			02/12/14 16:14	1
Bromomethane	ND		1.00	ug/L			02/12/14 16:14	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 16:14	1

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW15
Date Collected: 02/10/14 15:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-9
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.00	ug/L			02/12/14 16:14	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 16:14	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 16:14	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 16:14	1
Chloroethane	ND		1.00	ug/L			02/12/14 16:14	1
Chloroform	ND		1.00	ug/L			02/12/14 16:14	1
Chloromethane	ND		1.00	ug/L			02/12/14 16:14	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 16:14	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 16:14	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 16:14	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 16:14	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 16:14	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 16:14	1
Dibromomethane	ND		1.00	ug/L			02/12/14 16:14	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 16:14	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 16:14	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 16:14	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 16:14	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 16:14	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 16:14	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 16:14	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 16:14	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 16:14	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 16:14	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 16:14	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 16:14	1
2-Hexanone	ND		5.00	ug/L			02/12/14 16:14	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 16:14	1
Methyl tert-butyl ether	**10.9**		1.00	ug/L			02/12/14 16:14	1
Naphthalene	ND		5.00	ug/L			02/12/14 16:14	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 16:14	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
Styrene	ND		1.00	ug/L			02/12/14 16:14	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 16:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 16:14	1
Tetrachloroethene	ND		1.00	ug/L			02/12/14 16:14	1
Toluene	ND		1.00	ug/L			02/12/14 16:14	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 16:14	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 16:14	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 16:14	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 16:14	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 16:14	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 16:14	1

Client Sample ID: DW15

Date Collected: 02/10/14 15:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-9

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.00	ug/L			02/12/14 16:14	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 16:14	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 16:14	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 16:14	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 16:14	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/14 16:14*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*02/12/14 16:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*02/12/14 16:14*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/12/14 16:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1

Client Sample ID: DW15

Lab Sample ID: 490-46311-9

Date Collected: 02/10/14 15:30

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:28	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:28	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*29 - 120*	*02/12/14 14:47*	*02/12/14 23:28*	*1*
2-Fluorophenol (Surr)	*44*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:28*	*1*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*	*02/12/14 14:47*	*02/12/14 23:28*	*1*
Phenol-d5 (Surr)	*27*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:28*	*1*
Terphenyl-d14 (Surr)	*71*		*13 - 120*	*02/12/14 14:47*	*02/12/14 23:28*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:28*	*1*

Client Sample ID: DW16

Lab Sample ID: 490-46311-10

Date Collected: 02/10/14 16:45

Matrix: Ground Water

Date Received: 02/12/14 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 16:41	1
Benzene	ND		1.00	ug/L			02/12/14 16:41	1
Bromobenzene	ND		1.00	ug/L			02/12/14 16:41	1

Client Sample ID: DW16

Date Collected: 02/10/14 16:45
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-10

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		1.00	ug/L			02/12/14 16:41	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 16:41	1
Bromoform	ND		1.00	ug/L			02/12/14 16:41	1
Bromomethane	ND		1.00	ug/L			02/12/14 16:41	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 16:41	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 16:41	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 16:41	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 16:41	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 16:41	1
Chloroethane	ND		1.00	ug/L			02/12/14 16:41	1
Chloroform	ND		1.00	ug/L			02/12/14 16:41	1
Chloromethane	ND		1.00	ug/L			02/12/14 16:41	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 16:41	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 16:41	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 16:41	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 16:41	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 16:41	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 16:41	1
Dibromomethane	ND		1.00	ug/L			02/12/14 16:41	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 16:41	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 16:41	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 16:41	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 16:41	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 16:41	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 16:41	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 16:41	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 16:41	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 16:41	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 16:41	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 16:41	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 16:41	1
2-Hexanone	ND		5.00	ug/L			02/12/14 16:41	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 16:41	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 16:41	1
Naphthalene	ND		5.00	ug/L			02/12/14 16:41	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 16:41	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
Styrene	ND		1.00	ug/L			02/12/14 16:41	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 16:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 16:41	1
Tetrachloroethene	ND		1.00	ug/L			02/12/14 16:41	1
Toluene	ND		1.00	ug/L			02/12/14 16:41	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 16:41	1

Client Sample ID: DW16

Date Collected: 02/10/14 16:45
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-10

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 16:41	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 16:41	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 16:41	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 16:41	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 16:41	1
Trichloroethene	ND		1.00	ug/L			02/12/14 16:41	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 16:41	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 16:41	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 16:41	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 16:41	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*02/12/14 16:41*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*02/12/14 16:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*02/12/14 16:41*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/12/14 16:41*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW16

Date Collected: 02/10/14 16:45
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-10

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/12/14 23:53	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/12/14 23:53	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/12/14 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*29 - 120*	*02/12/14 14:47*	*02/12/14 23:53*	*1*
2-Fluorophenol (Surr)	*38*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:53*	*1*
Nitrobenzene-d5 (Surr)	*79*		*27 - 120*	*02/12/14 14:47*	*02/12/14 23:53*	*1*
Phenol-d5 (Surr)	*24*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:53*	*1*
Terphenyl-d14 (Surr)	*65*		*13 - 120*	*02/12/14 14:47*	*02/12/14 23:53*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 120*	*02/12/14 14:47*	*02/12/14 23:53*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW01

Date Collected: 02/10/14 16:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-11

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 17:08	1
Benzene	ND		1.00	ug/L			02/12/14 17:08	1
Bromobenzene	ND		1.00	ug/L			02/12/14 17:08	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 17:08	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 17:08	1
Bromoform	ND		1.00	ug/L			02/12/14 17:08	1
Bromomethane	ND		1.00	ug/L			02/12/14 17:08	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 17:08	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 17:08	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 17:08	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 17:08	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 17:08	1
Chloroethane	ND		1.00	ug/L			02/12/14 17:08	1
Chloroform	ND		1.00	ug/L			02/12/14 17:08	1
Chloromethane	ND		1.00	ug/L			02/12/14 17:08	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 17:08	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 17:08	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 17:08	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 17:08	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 17:08	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 17:08	1
Dibromomethane	ND		1.00	ug/L			02/12/14 17:08	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 17:08	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 17:08	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 17:08	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 17:08	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 17:08	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 17:08	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 17:08	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 17:08	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 17:08	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 17:08	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 17:08	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 17:08	1
2-Hexanone	ND		5.00	ug/L			02/12/14 17:08	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 17:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 17:08	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 17:08	1
Naphthalene	ND		5.00	ug/L			02/12/14 17:08	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 17:08	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
Styrene	ND		1.00	ug/L			02/12/14 17:08	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 17:08	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 17:08	1

Client Sample ID: DW01

Date Collected: 02/10/14 16:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-11

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/12/14 17:08	1
Toluene	ND		1.00	ug/L			02/12/14 17:08	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 17:08	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 17:08	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 17:08	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 17:08	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 17:08	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 17:08	1
Trichloroethene	ND		1.00	ug/L			02/12/14 17:08	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 17:08	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 17:08	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 17:08	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 17:08	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*02/12/14 17:08*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*02/12/14 17:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*02/12/14 17:08*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*02/12/14 17:08*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Acenaphthylene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Anthracene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Benzo[a]anthracene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Benzo[a]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Benzo[b]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Benzo[g,h,i]perylene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Benzo[k]fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Bis(2-chloroethoxy)methane	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Bis(2-chloroethyl)ether	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
bis (2-chloroisopropyl) ether	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Bis(2-ethylhexyl) phthalate	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
4-Bromophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Butyl benzyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Carbazole	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
4-Chloroaniline	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
4-Chloro-3-methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2-Chloronaphthalene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2-Chlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
4-Chlorophenyl phenyl ether	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Chrysene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Cresols	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Dibenz(a,h)anthracene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Dibenzofuran	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
1,2-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
1,3-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1

Client Sample ID: DW01

Date Collected: 02/10/14 16:30
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-11

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
3,3'-Dichlorobenzidine	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,4-Dichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Diethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,4-Dimethylphenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Dimethyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Di-n-butyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
4,6-Dinitro-2-methylphenol	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,4-Dinitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,4-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,6-Dinitrotoluene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Di-n-octyl phthalate	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Fluoranthene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Fluorene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Hexachlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Hexachlorobutadiene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Hexachlorocyclopentadiene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Hexachloroethane	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Indeno[1,2,3-cd]pyrene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Isophorone	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
1-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
2-Methylnaphthalene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
2-Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
3 & 4 Methylphenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Naphthalene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
2-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
3-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
4-Nitroaniline	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
Nitrobenzene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2-Nitrophenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
4-Nitrophenol	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
N-Nitrosodi-n-propylamine	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Pentachlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
Phenanthrene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
Phenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
Pyrene	ND		1.89	ug/L		02/12/14 14:47	02/13/14 00:17	1
1,2,4-Trichlorobenzene	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,4,5-Trichlorophenol	ND		23.6	ug/L		02/12/14 14:47	02/13/14 00:17	1
2,4,6-Trichlorophenol	ND		9.43	ug/L		02/12/14 14:47	02/13/14 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*29 - 120*	*02/12/14 14:47*	*02/13/14 00:17*	*1*
2-Fluorophenol (Surr)	*40*		*10 - 120*	*02/12/14 14:47*	*02/13/14 00:17*	*1*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*	*02/12/14 14:47*	*02/13/14 00:17*	*1*
Phenol-d5 (Surr)	*26*		*10 - 120*	*02/12/14 14:47*	*02/13/14 00:17*	*1*
Terphenyl-d14 (Surr)	*73*		*13 - 120*	*02/12/14 14:47*	*02/13/14 00:17*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 120*	*02/12/14 14:47*	*02/13/14 00:17*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Markey

TestAmerica Job ID: 490-46311-1
SDG: FMMD1002

Client Sample ID: DW17

Date Collected: 02/10/14 16:20
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-12

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/12/14 17:35	1
Benzene	ND		1.00	ug/L			02/12/14 17:35	1
Bromobenzene	ND		1.00	ug/L			02/12/14 17:35	1
Bromochloromethane	ND		1.00	ug/L			02/12/14 17:35	1
Bromodichloromethane	ND		1.00	ug/L			02/12/14 17:35	1
Bromoform	ND		1.00	ug/L			02/12/14 17:35	1
Bromomethane	ND		1.00	ug/L			02/12/14 17:35	1
2-Butanone (MEK)	ND		50.0	ug/L			02/12/14 17:35	1
Carbon disulfide	ND		1.00	ug/L			02/12/14 17:35	1
Carbon tetrachloride	ND		1.00	ug/L			02/12/14 17:35	1
Chlorobenzene	ND		1.00	ug/L			02/12/14 17:35	1
Chlorodibromomethane	ND		1.00	ug/L			02/12/14 17:35	1
Chloroethane	ND		1.00	ug/L			02/12/14 17:35	1
Chloroform	ND		1.00	ug/L			02/12/14 17:35	1
Chloromethane	ND		1.00	ug/L			02/12/14 17:35	1
2-Chlorotoluene	ND		1.00	ug/L			02/12/14 17:35	1
4-Chlorotoluene	ND		1.00	ug/L			02/12/14 17:35	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 17:35	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 17:35	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/12/14 17:35	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/12/14 17:35	1
Dibromomethane	ND		1.00	ug/L			02/12/14 17:35	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/12/14 17:35	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/12/14 17:35	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/12/14 17:35	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/12/14 17:35	1
1,1-Dichloroethane	ND		1.00	ug/L			02/12/14 17:35	1
1,2-Dichloroethane	ND		1.00	ug/L			02/12/14 17:35	1
1,1-Dichloroethene	ND		1.00	ug/L			02/12/14 17:35	1
1,2-Dichloropropane	ND		1.00	ug/L			02/12/14 17:35	1
1,3-Dichloropropane	ND		1.00	ug/L			02/12/14 17:35	1
2,2-Dichloropropane	ND		1.00	ug/L			02/12/14 17:35	1
1,1-Dichloropropene	ND		1.00	ug/L			02/12/14 17:35	1
Ethylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
Hexachlorobutadiene	ND		2.00	ug/L			02/12/14 17:35	1
2-Hexanone	ND		5.00	ug/L			02/12/14 17:35	1
Isopropylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
Methylene Chloride	ND		5.00	ug/L			02/12/14 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/12/14 17:35	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/12/14 17:35	1
Naphthalene	ND		5.00	ug/L			02/12/14 17:35	1
n-Butylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
N-Propylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
p-Isopropyltoluene	ND		1.00	ug/L			02/12/14 17:35	1
sec-Butylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
Styrene	ND		1.00	ug/L			02/12/14 17:35	1
tert-Butylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 17:35	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/12/14 17:35	1

Client Sample ID: DW17

Date Collected: 02/10/14 16:20
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-12

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/12/14 17:35	1
Toluene	ND		1.00	ug/L			02/12/14 17:35	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/12/14 17:35	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/12/14 17:35	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/12/14 17:35	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/12/14 17:35	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/12/14 17:35	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/12/14 17:35	1
Trichloroethene	ND		1.00	ug/L			02/12/14 17:35	1
Trichlorofluoromethane	ND		1.00	ug/L			02/12/14 17:35	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/12/14 17:35	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/12/14 17:35	1
Vinyl chloride	ND		1.00	ug/L			02/12/14 17:35	1
Xylenes, Total	ND		3.00	ug/L			02/12/14 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/12/14 17:35*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*02/12/14 17:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*02/12/14 17:35*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*02/12/14 17:35*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Acenaphthylene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Anthracene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Benzo[a]anthracene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Benzo[a]pyrene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Benzo[b]fluoranthene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Benzo[g,h,i]perylene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Benzo[k]fluoranthene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Bis(2-chloroethoxy)methane	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Bis(2-chloroethyl)ether	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
bis (2-chloroisopropyl) ether	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Bis(2-ethylhexyl) phthalate	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
4-Bromophenyl phenyl ether	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Butyl benzyl phthalate	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Carbazole	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
4-Chloroaniline	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
4-Chloro-3-methylphenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2-Chloronaphthalene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2-Chlorophenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
4-Chlorophenyl phenyl ether	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Chrysene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Cresols	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Dibenz(a,h)anthracene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Dibenzofuran	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
1,2-Dichlorobenzene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
1,3-Dichlorobenzene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1

Client Sample ID: DW17

Date Collected: 02/10/14 16:20
Date Received: 02/12/14 08:45

Lab Sample ID: 490-46311-12

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
3,3'-Dichlorobenzidine	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,4-Dichlorophenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Diethyl phthalate	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,4-Dimethylphenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Dimethyl phthalate	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Di-n-butyl phthalate	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
4,6-Dinitro-2-methylphenol	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,4-Dinitrophenol	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,4-Dinitrotoluene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,6-Dinitrotoluene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Di-n-octyl phthalate	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Fluoranthene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Fluorene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Hexachlorobenzene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Hexachlorobutadiene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Hexachlorocyclopentadiene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Hexachloroethane	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Indeno[1,2,3-cd]pyrene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Isophorone	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
1-Methylnaphthalene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
2-Methylnaphthalene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
2-Methylphenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
3 & 4 Methylphenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Naphthalene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
2-Nitroaniline	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
3-Nitroaniline	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
4-Nitroaniline	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
Nitrobenzene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2-Nitrophenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
4-Nitrophenol	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
N-Nitrosodi-n-propylamine	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Pentachlorophenol	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
Phenanthrene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
Phenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
Pyrene	ND		1.90	ug/L		02/13/14 12:24	02/13/14 18:35	1
1,2,4-Trichlorobenzene	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,4,5-Trichlorophenol	ND		23.7	ug/L		02/13/14 12:24	02/13/14 18:35	1
2,4,6-Trichlorophenol	ND		9.48	ug/L		02/13/14 12:24	02/13/14 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*29 - 120*	*02/13/14 12:24*	*02/13/14 18:35*	*1*
2-Fluorophenol (Surr)	*48*		*10 - 120*	*02/13/14 12:24*	*02/13/14 18:35*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*02/13/14 12:24*	*02/13/14 18:35*	*1*
Phenol-d5 (Surr)	*31*		*10 - 120*	*02/13/14 12:24*	*02/13/14 18:35*	*1*
Terphenyl-d14 (Surr)	*66*		*13 - 120*	*02/13/14 12:24*	*02/13/14 18:35*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 120*	*02/13/14 12:24*	*02/13/14 18:35*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-46311 Chain of Custody

Cooler Received/Opened On: 2/12/2014 @0845

1. Tracking # 7588 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID: 14740456

2. Temperature of rep. sample or temp blank when opened: 1.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES..NO...NA

6. Were custody papers inside cooler? YES..NO..NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES..NO...NA

12. Did all container labels and tags agree with custody papers? YES..NO...NA

13a. Were VOA vials received? YES..NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES..NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO...NA

16. Was residual chlorine present? YES...NO..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO...NA

18. Did you sign the custody papers in the appropriate place? YES..NO...NA

19. Were correct containers used for the analysis requested? YES..NO...NA MDM 2-13-14

20. Was sufficient amount of sample sent in each container? YES..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MDM

I certify that I attached a label with the unique LIMS number to each container (intial) MDM

21. Were there Non-Conformance issues at login? YES..NO Was a NCM generated? YES...NO...#_____

#13a) DW02-1, DW02-2, DW03 + DW-12 - no voa vials rec'd. MDM

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
46311
#4
B

Cooler Received/Opened On 2/12/2014 @ 0845

1. Tracking # 8977 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) MDM

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MDM

I certify that I attached a label with the unique LIMS number to each container (intial) MDM

21. Were there Non-Conformance issues at login? YES...NO MDM 2.12.14 Was a NCM generated? YES...NO MDM 2.12.14 #_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
46311
#4
C

Cooler Received/Opened On 2/12/2014 @ 0845

1. Tracking # 7603 (last 4 digits, FedEx)

Courier: ____Fedex____ IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 0.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) GZA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MDM

I certify that I attached a label with the unique LIMS number to each container (intial) MDM

21. Were there Non-Conformance issues at login? YES NO MDM 2-12-14 Was a NCM generated? YES NO MDM 2-12-14 #____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
46311
#5
A

Cooler Received/Opened On 2/12/2014 @ 0845

1. Tracking # 7577 (last 4 digits, FedEx)

Courier: ____Fedex____ IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 0.9 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 2 front + back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) BZA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MDM

I certify that I attached a label with the unique LIMS number to each container (intial) MDM

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

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End of Form

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
46311
#5
B

Cooler Received/Opened On 2/12/2014 @ 0845

1. Tracking # 7559 (last 4 digits, FedEx)

Courier: ____Fedex____ IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 0.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 2 front + back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) BM

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MDM

I certify that I attached a label with the unique LIMS number to each container (intial) MDM

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Loc: 490
46311

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes
Enforcement Action? Yes NO

Client Name/Account #: Greene Environmental Services 13986
Address: 200 Buckwheat Lane
City/State/Zip: Rocky Mount, VA 24151
Project Manager: Trev Greene
Telephone Number: 540-483-3311 **Fax No.:**
Sampler Name: (Print) Arthur T. Greene
Sampler Signature:

Report To: Trev Greene
P.O. #
TA Quote #:
Project ID: Meadows of Dan Food Market
Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: VOCs via 8260B	Analyze For: SVOCs via 8270C									RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report	
DW02-1	2-10-14	1615	2	X			X								X						X	X									X				1
DW02-2	2-10-14	1615	2	X			X								X						X	X									X				2
DW03	2-10-14	1615	2	X			X								X						X	X									X				3
DW10	2-10-14	1730	5	X			X		X						X						X	X									X				4
DW11	2-10-14	1725	5	X			X		X						X						X	X									X				5
DW12	2-10-14	1745	2	X			X								X						X	X									X				6
DW13	2-10-14	1700	5	X			X		X						X						X	X									X				7
DW14	2-10-14	1700	5	X			X		X						X						X	X									X				8
DW15	2-10-14	1530	5	X			X		X						X						X	X									X				9
DW16	2-10-14	1545	5	X			X		X						X						X	X									X				10

Special Instructions:

Method of Shipment: FEDEX

Laboratory Comments:
Temperature Upon Receipt: 3.4/0.3/0.4/0.2/1.3
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
	2-10-14	1800		2-12-14	0845
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper ana methods, is this work being conduc regulatory purposes?

Compliance Monitoring?

Enforcement Action?

Loc: 490
46311
#4
A

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Arthur T. Greene

Sampler Signature:

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: VOCs via 8260B	Analyze For: SVOCs via 8270C	Analyze For:	Analyze For:	Analyze For:	Analyze For:	Analyze For:	Analyze For:	Analyze For:	Analyze For:	RUSH TAT (Pre-Schedule	Standard TAT	Fax Results	Send QC with report	
DW01	2-10-14	1630	5	X			X		X												X	X									X				11
DW17	2-10-14	1620	5	X			X		X												X	X									X				12

Special Instructions:

Method of Shipment: FEDEX

Laboratory Comments:
Temperature Upon Receipt: 3.4/0.3/0.4/0.2/1.1c
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
	2-10-14	1800	TAW	2-12-14	0845
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-46311-1
SDG Number: FMMD1002

Login Number: 46311
List Number: 1
Creator: McBride, Mike

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4/0.3/0.9/0.2/1.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Did not receive all required containers.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-46624-1
TestAmerica Sample Delivery Group: FMMD1002
Client Project/Site: Meadows of Dan Food Market

For:
Greene Environmental Services LLC
200 Buckwheat Lane
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Authorized for release by:
2/20/2014 3:33:11 PM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46624-1
SDG: FMMD1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-46624-1	DW03	Water	02/17/14 15:05	02/18/14 08:15
490-46624-2	DW15	Water	02/17/14 13:30	02/18/14 08:15

Job ID: 490-46624-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-46624-1

Comments
No additional comments.

Receipt
The samples were received on 2/18/2014 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.8º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 142436 recovered outside control limits for the following analytes: dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 142541 recovered outside control limits for the following analyte: N-Nitrosodi-N-Propylamine. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 142541.

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 142541.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46624-1
SDG: FMMD1002

Client Sample ID: DW03

Date Collected: 02/17/14 15:05
Date Received: 02/18/14 08:15

Lab Sample ID: 490-46624-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/18/14 13:14	1
Benzene	ND		1.00	ug/L			02/18/14 13:14	1
Bromobenzene	ND		1.00	ug/L			02/18/14 13:14	1
Bromochloromethane	ND		1.00	ug/L			02/18/14 13:14	1
Bromodichloromethane	ND		1.00	ug/L			02/18/14 13:14	1
Bromoform	ND		1.00	ug/L			02/18/14 13:14	1
Bromomethane	ND		1.00	ug/L			02/18/14 13:14	1
2-Butanone (MEK)	ND		50.0	ug/L			02/18/14 13:14	1
Carbon disulfide	ND		1.00	ug/L			02/18/14 13:14	1
Carbon tetrachloride	ND		1.00	ug/L			02/18/14 13:14	1
Chlorobenzene	ND		1.00	ug/L			02/18/14 13:14	1
Chlorodibromomethane	ND		1.00	ug/L			02/18/14 13:14	1
Chloroethane	ND		1.00	ug/L			02/18/14 13:14	1
Chloroform	ND		1.00	ug/L			02/18/14 13:14	1
Chloromethane	ND		1.00	ug/L			02/18/14 13:14	1
2-Chlorotoluene	ND		1.00	ug/L			02/18/14 13:14	1
4-Chlorotoluene	ND		1.00	ug/L			02/18/14 13:14	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/18/14 13:14	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/18/14 13:14	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/18/14 13:14	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/18/14 13:14	1
Dibromomethane	ND		1.00	ug/L			02/18/14 13:14	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/18/14 13:14	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/18/14 13:14	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/18/14 13:14	1
Dichlorodifluoromethane	ND	*	1.00	ug/L			02/18/14 13:14	1
1,1-Dichloroethane	ND		1.00	ug/L			02/18/14 13:14	1
1,2-Dichloroethane	ND		1.00	ug/L			02/18/14 13:14	1
1,1-Dichloroethene	ND		1.00	ug/L			02/18/14 13:14	1
1,2-Dichloropropane	ND		1.00	ug/L			02/18/14 13:14	1
1,3-Dichloropropane	ND		1.00	ug/L			02/18/14 13:14	1
2,2-Dichloropropane	ND		1.00	ug/L			02/18/14 13:14	1
1,1-Dichloropropene	ND		1.00	ug/L			02/18/14 13:14	1
Ethylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
Hexachlorobutadiene	ND		2.00	ug/L			02/18/14 13:14	1
2-Hexanone	ND		5.00	ug/L			02/18/14 13:14	1
Isopropylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
Methylene Chloride	ND		5.00	ug/L			02/18/14 13:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/18/14 13:14	1
Methyl tert-butyl ether	**1.83**		1.00	ug/L			02/18/14 13:14	1
Naphthalene	ND		5.00	ug/L			02/18/14 13:14	1
n-Butylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
N-Propylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
p-Isopropyltoluene	ND		1.00	ug/L			02/18/14 13:14	1
sec-Butylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
Styrene	ND		1.00	ug/L			02/18/14 13:14	1
tert-Butylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/18/14 13:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/18/14 13:14	1

Client Sample ID: DW03

Date Collected: 02/17/14 15:05
Date Received: 02/18/14 08:15

Lab Sample ID: 490-46624-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/18/14 13:14	1
Toluene	ND		1.00	ug/L			02/18/14 13:14	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/18/14 13:14	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/18/14 13:14	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/18/14 13:14	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/18/14 13:14	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/18/14 13:14	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/18/14 13:14	1
Trichloroethene	ND		1.00	ug/L			02/18/14 13:14	1
Trichlorofluoromethane	ND		1.00	ug/L			02/18/14 13:14	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/18/14 13:14	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/18/14 13:14	1
Vinyl chloride	ND		1.00	ug/L			02/18/14 13:14	1
Xylenes, Total	ND		3.00	ug/L			02/18/14 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*02/18/14 13:14*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/18/14 13:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*		*02/18/14 13:14*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/18/14 13:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Acenaphthylene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Anthracene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Benzo[a]anthracene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Benzo[a]pyrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Benzo[b]fluoranthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Benzo[g,h,i]perylene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Benzo[k]fluoranthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Bis(2-chloroethoxy)methane	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Bis(2-chloroethyl)ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
bis (2-chloroisopropyl) ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Bis(2-ethylhexyl) phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
4-Bromophenyl phenyl ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Butyl benzyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Carbazole	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
4-Chloroaniline	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
4-Chloro-3-methylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2-Chloronaphthalene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2-Chlorophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
4-Chlorophenyl phenyl ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Chrysene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Cresols	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Dibenz(a,h)anthracene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Dibenzofuran	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
1,2-Dichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
1,3-Dichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46624-1
SDG: FMMD1002

Client Sample ID: DW03

Date Collected: 02/17/14 15:05
Date Received: 02/18/14 08:15

Lab Sample ID: 490-46624-1

Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
3,3'-Dichlorobenzidine	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,4-Dichlorophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Diethyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,4-Dimethylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Dimethyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Di-n-butyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
4,6-Dinitro-2-methylphenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,4-Dinitrophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,4-Dinitrotoluene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,6-Dinitrotoluene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Di-n-octyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Fluoranthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Fluorene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Hexachlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Hexachlorobutadiene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Hexachlorocyclopentadiene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Hexachloroethane	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Indeno[1,2,3-cd]pyrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Isophorone	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
1-Methylnaphthalene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
2-Methylnaphthalene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
2-Methylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
3 & 4 Methylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Naphthalene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
2-Nitroaniline	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
3-Nitroaniline	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
4-Nitroaniline	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
Nitrobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2-Nitrophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
4-Nitrophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
N-Nitrosodi-n-propylamine	ND	*	8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Pentachlorophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
Phenanthrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
Phenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
Pyrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:16	1
1,2,4-Trichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,4,5-Trichlorophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:16	1
2,4,6-Trichlorophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*29 - 120*	*02/18/14 13:22*	*02/20/14 14:16*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 120*	*02/18/14 13:22*	*02/20/14 14:16*	*1*
Nitrobenzene-d5 (Surr)	*103*		*27 - 120*	*02/18/14 13:22*	*02/20/14 14:16*	*1*
Phenol-d5 (Surr)	*42*		*10 - 120*	*02/18/14 13:22*	*02/20/14 14:16*	*1*
Terphenyl-d14 (Surr)	*88*		*13 - 120*	*02/18/14 13:22*	*02/20/14 14:16*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*02/18/14 13:22*	*02/20/14 14:16*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46624-1
SDG: FMMD1002

Client Sample ID: DW15

Date Collected: 02/17/14 13:30
Date Received: 02/18/14 08:15

Lab Sample ID: 490-46624-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	ug/L			02/18/14 13:40	1
Benzene	ND		1.00	ug/L			02/18/14 13:40	1
Bromobenzene	ND		1.00	ug/L			02/18/14 13:40	1
Bromochloromethane	ND		1.00	ug/L			02/18/14 13:40	1
Bromodichloromethane	ND		1.00	ug/L			02/18/14 13:40	1
Bromoform	ND		1.00	ug/L			02/18/14 13:40	1
Bromomethane	ND		1.00	ug/L			02/18/14 13:40	1
2-Butanone (MEK)	ND		50.0	ug/L			02/18/14 13:40	1
Carbon disulfide	ND		1.00	ug/L			02/18/14 13:40	1
Carbon tetrachloride	ND		1.00	ug/L			02/18/14 13:40	1
Chlorobenzene	ND		1.00	ug/L			02/18/14 13:40	1
Chlorodibromomethane	ND		1.00	ug/L			02/18/14 13:40	1
Chloroethane	ND		1.00	ug/L			02/18/14 13:40	1
Chloroform	ND		1.00	ug/L			02/18/14 13:40	1
Chloromethane	ND		1.00	ug/L			02/18/14 13:40	1
2-Chlorotoluene	ND		1.00	ug/L			02/18/14 13:40	1
4-Chlorotoluene	ND		1.00	ug/L			02/18/14 13:40	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/18/14 13:40	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/18/14 13:40	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/18/14 13:40	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/18/14 13:40	1
Dibromomethane	ND		1.00	ug/L			02/18/14 13:40	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/18/14 13:40	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/18/14 13:40	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/18/14 13:40	1
Dichlorodifluoromethane	ND	*	1.00	ug/L			02/18/14 13:40	1
1,1-Dichloroethane	ND		1.00	ug/L			02/18/14 13:40	1
1,2-Dichloroethane	ND		1.00	ug/L			02/18/14 13:40	1
1,1-Dichloroethene	ND		1.00	ug/L			02/18/14 13:40	1
1,2-Dichloropropane	ND		1.00	ug/L			02/18/14 13:40	1
1,3-Dichloropropane	ND		1.00	ug/L			02/18/14 13:40	1
2,2-Dichloropropane	ND		1.00	ug/L			02/18/14 13:40	1
1,1-Dichloropropene	ND		1.00	ug/L			02/18/14 13:40	1
Ethylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
Hexachlorobutadiene	ND		2.00	ug/L			02/18/14 13:40	1
2-Hexanone	ND		5.00	ug/L			02/18/14 13:40	1
Isopropylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
Methylene Chloride	ND		5.00	ug/L			02/18/14 13:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.00	ug/L			02/18/14 13:40	1
Methyl tert-butyl ether	**15.5**		1.00	ug/L			02/18/14 13:40	1
Naphthalene	ND		5.00	ug/L			02/18/14 13:40	1
n-Butylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
N-Propylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
p-Isopropyltoluene	ND		1.00	ug/L			02/18/14 13:40	1
sec-Butylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
Styrene	ND		1.00	ug/L			02/18/14 13:40	1
tert-Butylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/18/14 13:40	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/18/14 13:40	1

Client Sample ID: DW15

Date Collected: 02/17/14 13:30
Date Received: 02/18/14 08:15

Lab Sample ID: 490-46624-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/18/14 13:40	1
Toluene	ND		1.00	ug/L			02/18/14 13:40	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/18/14 13:40	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/18/14 13:40	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/18/14 13:40	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/18/14 13:40	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/18/14 13:40	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/18/14 13:40	1
Trichloroethene	ND		1.00	ug/L			02/18/14 13:40	1
Trichlorofluoromethane	ND		1.00	ug/L			02/18/14 13:40	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/18/14 13:40	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/18/14 13:40	1
Vinyl chloride	ND		1.00	ug/L			02/18/14 13:40	1
Xylenes, Total	ND		3.00	ug/L			02/18/14 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*02/18/14 13:40*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*02/18/14 13:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*		*02/18/14 13:40*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/18/14 13:40*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Acenaphthylene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Anthracene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Benzo[a]anthracene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Benzo[a]pyrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Benzo[b]fluoranthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Benzo[g,h,i]perylene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Benzo[k]fluoranthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Bis(2-chloroethoxy)methane	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Bis(2-chloroethyl)ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
bis (2-chloroisopropyl) ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Bis(2-ethylhexyl) phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
4-Bromophenyl phenyl ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Butyl benzyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Carbazole	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
4-Chloroaniline	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
4-Chloro-3-methylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2-Chloronaphthalene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2-Chlorophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
4-Chlorophenyl phenyl ether	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Chrysene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Cresols	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Dibenz(a,h)anthracene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Dibenzofuran	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
1,2-Dichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
1,3-Dichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-46624-1
SDG: FMMD1002

Client Sample ID: DW15

Date Collected: 02/17/14 13:30
Date Received: 02/18/14 08:15

Lab Sample ID: 490-46624-2

Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
3,3'-Dichlorobenzidine	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,4-Dichlorophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Diethyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,4-Dimethylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Dimethyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Di-n-butyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
4,6-Dinitro-2-methylphenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,4-Dinitrophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,4-Dinitrotoluene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,6-Dinitrotoluene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Di-n-octyl phthalate	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Fluoranthene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Fluorene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Hexachlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Hexachlorobutadiene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Hexachlorocyclopentadiene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Hexachloroethane	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Indeno[1,2,3-cd]pyrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Isophorone	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
1-Methylnaphthalene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
2-Methylnaphthalene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
2-Methylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
3 & 4 Methylphenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Naphthalene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
2-Nitroaniline	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
3-Nitroaniline	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
4-Nitroaniline	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
Nitrobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2-Nitrophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
4-Nitrophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
N-Nitrosodi-n-propylamine	ND	*	8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Pentachlorophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
Phenanthrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
Phenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
Pyrene	ND		1.79	ug/L		02/18/14 13:22	02/20/14 14:39	1
1,2,4-Trichlorobenzene	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,4,5-Trichlorophenol	ND		22.3	ug/L		02/18/14 13:22	02/20/14 14:39	1
2,4,6-Trichlorophenol	ND		8.93	ug/L		02/18/14 13:22	02/20/14 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*	*02/18/14 13:22*	*02/20/14 14:39*	*1*
2-Fluorophenol (Surr)	*60*		*10 - 120*	*02/18/14 13:22*	*02/20/14 14:39*	*1*
Nitrobenzene-d5 (Surr)	*117*		*27 - 120*	*02/18/14 13:22*	*02/20/14 14:39*	*1*
Phenol-d5 (Surr)	*42*		*10 - 120*	*02/18/14 13:22*	*02/20/14 14:39*	*1*
Terphenyl-d14 (Surr)	*99*		*13 - 120*	*02/18/14 13:22*	*02/20/14 14:39*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*02/18/14 13:22*	*02/20/14 14:39*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-46624 Chain of Custody

Cooler Received/Opened On 2/18/2014 @ 8:15

1. Tracking # 4170 (last 4 digits, FedEx)

Courier: ____FedEx_____ IR Gun ID___17610176___

2. Temperature of rep. sample or temp blank when opened: 0.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front 1 Back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) AJH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AJH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) AJH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) AJH

I certify that I attached a label with the unique LIMS number to each container (intial) AJH

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

TestAmerica INCORPORATED

CHAIN OF CUSTODY RECORD

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Arthur T. Greene

Sampler Signature:

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: VOCs via 8260B	Analyze For: SVOCs via 8270C	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
DW03	2-17-14	1505	5	X			X		X						X						X	X	X			
DW15	2-17-14	1330	5	X			X		X						X						X	X	X			

Loc: 490
46624

Special Instructions: *24HR TAT*

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
	2-17-14	1620		2/18/14	8:15
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

Laboratory Comments:

Temperature Upon Receipt: D.G

VOCs Free of Headspace? Y N

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-46624-1
SDG Number: FMMD1002

Login Number: 46624
List Number: 1
Creator: Huskey, Adam

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-47391-1
TestAmerica Sample Delivery Group: FMMD1002
Client Project/Site: Meadows of Dan Food Market

For:
Greene Environmental Services LLC
200 Buckwheat Lane
129 Bunny Ridge Lane - shipping
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Authorized for release by:
3/5/2014 4:59:19 PM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-47391-1	DW09	Ground Water	02/25/14 16:30	02/28/14 08:15
490-47391-2	DW18	Ground Water	02/26/14 14:30	02/28/14 08:15
490-47391-3	DW19	Ground Water	02/25/14 09:20	02/28/14 08:15

Case Narrative

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Job ID: 490-47391-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-47391-1

Comments
No additional comments.

Receipt
The samples were received on 2/28/2014 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.8º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 144731 recovered outside control limits for the following analytes: Carbon Disulfide. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batches 144828 and 145466.

Method(s) 8270C: The laboratory control sample (LCS) for batch 145466 recovered outside control limits for the following analyte: Bis(2-ethylhexyl) phthalate. This analyte was biased high in the LCS and was not detected in the following samples; therefore, the data have been reported: DW09 (490-47391-1), DW18 (490-47391-2), DW19 (490-47391-3).

Method(s) 8270C: The following samples were re-extracted and re-analyzed to confirm positive Bis(2-ethylhexyl) phthalate results: DW09 (490-47391-1), DW18 (490-47391-2), DW19 (490-47391-3). The confirmation results did not concur, they were non-detect (ND).

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batches 144828 and 145466.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Client Sample ID: DW09

Date Collected: 02/25/14 16:30
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-1

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			02/28/14 13:53	1
Benzene	ND		1.00	ug/L			02/28/14 13:53	1
Bromobenzene	ND		1.00	ug/L			02/28/14 13:53	1
Bromochloromethane	ND		1.00	ug/L			02/28/14 13:53	1
Bromodichloromethane	ND	*	1.00	ug/L			02/28/14 13:53	1
Bromoform	ND		1.00	ug/L			02/28/14 13:53	1
Bromomethane	ND		1.00	ug/L			02/28/14 13:53	1
2-Butanone (MEK)	ND		50.0	ug/L			02/28/14 13:53	1
Carbon disulfide	ND	*	1.00	ug/L			02/28/14 13:53	1
Carbon tetrachloride	ND		1.00	ug/L			02/28/14 13:53	1
Chlorobenzene	ND		1.00	ug/L			02/28/14 13:53	1
Chlorodibromomethane	ND		1.00	ug/L			02/28/14 13:53	1
Chloroethane	ND		1.00	ug/L			02/28/14 13:53	1
Chloroform	ND		1.00	ug/L			02/28/14 13:53	1
Chloromethane	ND		1.00	ug/L			02/28/14 13:53	1
2-Chlorotoluene	ND		1.00	ug/L			02/28/14 13:53	1
4-Chlorotoluene	ND		1.00	ug/L			02/28/14 13:53	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/28/14 13:53	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/28/14 13:53	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/28/14 13:53	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/28/14 13:53	1
Dibromomethane	ND		1.00	ug/L			02/28/14 13:53	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/28/14 13:53	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/28/14 13:53	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/28/14 13:53	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/28/14 13:53	1
1,1-Dichloroethane	ND		1.00	ug/L			02/28/14 13:53	1
1,2-Dichloroethane	ND		1.00	ug/L			02/28/14 13:53	1
1,1-Dichloroethene	ND		1.00	ug/L			02/28/14 13:53	1
1,2-Dichloropropane	ND		1.00	ug/L			02/28/14 13:53	1
1,3-Dichloropropane	ND		1.00	ug/L			02/28/14 13:53	1
2,2-Dichloropropane	ND		1.00	ug/L			02/28/14 13:53	1
1,1-Dichloropropene	ND		1.00	ug/L			02/28/14 13:53	1
Ethylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
Hexachlorobutadiene	ND		2.00	ug/L			02/28/14 13:53	1
2-Hexanone	ND		10.0	ug/L			02/28/14 13:53	1
Isopropylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
Methylene Chloride	ND		5.00	ug/L			02/28/14 13:53	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			02/28/14 13:53	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/28/14 13:53	1
Naphthalene	ND		5.00	ug/L			02/28/14 13:53	1
n-Butylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
N-Propylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
p-Isopropyltoluene	ND		1.00	ug/L			02/28/14 13:53	1
sec-Butylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
Styrene	ND		1.00	ug/L			02/28/14 13:53	1
tert-Butylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/28/14 13:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/28/14 13:53	1

Client Sample ID: DW09

Date Collected: 02/25/14 16:30
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-1

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/28/14 13:53	1
Toluene	ND		1.00	ug/L			02/28/14 13:53	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/28/14 13:53	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/28/14 13:53	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/28/14 13:53	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/28/14 13:53	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/28/14 13:53	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/28/14 13:53	1
Trichloroethene	ND		1.00	ug/L			02/28/14 13:53	1
Trichlorofluoromethane	ND		1.00	ug/L			02/28/14 13:53	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/28/14 13:53	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/28/14 13:53	1
Vinyl chloride	ND		1.00	ug/L			02/28/14 13:53	1
Xylenes, Total	ND		3.00	ug/L			02/28/14 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*02/28/14 13:53*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*02/28/14 13:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*02/28/14 13:53*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*02/28/14 13:53*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Acenaphthylene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Anthracene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Benzo[a]anthracene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Benzo[a]pyrene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Benzo[b]fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Benzo[g,h,i]perylene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Benzo[k]fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Bis(2-chloroethoxy)methane	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Bis(2-chloroethyl)ether	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
bis (2-chloroisopropyl) ether	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Bis(2-ethylhexyl) phthalate	ND	*	8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
4-Bromophenyl phenyl ether	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Butyl benzyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Carbazole	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
4-Chloroaniline	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
4-Chloro-3-methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2-Chloronaphthalene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2-Chlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
4-Chlorophenyl phenyl ether	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Chrysene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Cresols	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Dibenz(a,h)anthracene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Dibenzofuran	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
1,2-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
1,3-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Client Sample ID: DW09

Date Collected: 02/25/14 16:30
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-1

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
3,3'-Dichlorobenzidine	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,4-Dichlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Diethyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,4-Dimethylphenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Dimethyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Di-n-butyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
4,6-Dinitro-2-methylphenol	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,4-Dinitrophenol	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,4-Dinitrotoluene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,6-Dinitrotoluene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Di-n-octyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Fluorene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Hexachlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Hexachlorobutadiene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Hexachlorocyclopentadiene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Hexachloroethane	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Indeno[1,2,3-cd]pyrene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Isophorone	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
1-Methylnaphthalene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
2-Methylnaphthalene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
2-Methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
3 & 4 Methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Naphthalene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
2-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
3-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
4-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
Nitrobenzene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2-Nitrophenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
4-Nitrophenol	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
N-Nitrosodi-n-propylamine	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Pentachlorophenol	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
Phenanthrene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
Phenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
Pyrene	ND		1.67	ug/L		03/04/14 13:10	03/05/14 12:47	1
1,2,4-Trichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,4,5-Trichlorophenol	ND		20.8	ug/L		03/04/14 13:10	03/05/14 12:47	1
2,4,6-Trichlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/05/14 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*92*		*29 - 120*	*03/04/14 13:10*	*03/05/14 12:47*	*1*
2-Fluorophenol (Surr)	*53*		*10 - 120*	*03/04/14 13:10*	*03/05/14 12:47*	*1*
Nitrobenzene-d5 (Surr)	*107*		*27 - 120*	*03/04/14 13:10*	*03/05/14 12:47*	*1*
Phenol-d5 (Surr)	*33*		*10 - 120*	*03/04/14 13:10*	*03/05/14 12:47*	*1*
Terphenyl-d14 (Surr)	*104*		*13 - 120*	*03/04/14 13:10*	*03/05/14 12:47*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*	*03/04/14 13:10*	*03/05/14 12:47*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Client Sample ID: DW18

Date Collected: 02/26/14 14:30
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-2

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			02/28/14 14:20	1
Benzene	ND		1.00	ug/L			02/28/14 14:20	1
Bromobenzene	ND		1.00	ug/L			02/28/14 14:20	1
Bromochloromethane	ND		1.00	ug/L			02/28/14 14:20	1
Bromodichloromethane	ND	*	1.00	ug/L			02/28/14 14:20	1
Bromoform	ND		1.00	ug/L			02/28/14 14:20	1
Bromomethane	ND		1.00	ug/L			02/28/14 14:20	1
2-Butanone (MEK)	ND		50.0	ug/L			02/28/14 14:20	1
Carbon disulfide	ND	*	1.00	ug/L			02/28/14 14:20	1
Carbon tetrachloride	ND		1.00	ug/L			02/28/14 14:20	1
Chlorobenzene	ND		1.00	ug/L			02/28/14 14:20	1
Chlorodibromomethane	ND		1.00	ug/L			02/28/14 14:20	1
Chloroethane	ND		1.00	ug/L			02/28/14 14:20	1
Chloroform	ND		1.00	ug/L			02/28/14 14:20	1
Chloromethane	ND		1.00	ug/L			02/28/14 14:20	1
2-Chlorotoluene	ND		1.00	ug/L			02/28/14 14:20	1
4-Chlorotoluene	ND		1.00	ug/L			02/28/14 14:20	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/28/14 14:20	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/28/14 14:20	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/28/14 14:20	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/28/14 14:20	1
Dibromomethane	ND		1.00	ug/L			02/28/14 14:20	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/28/14 14:20	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/28/14 14:20	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/28/14 14:20	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/28/14 14:20	1
1,1-Dichloroethane	ND		1.00	ug/L			02/28/14 14:20	1
1,2-Dichloroethane	ND		1.00	ug/L			02/28/14 14:20	1
1,1-Dichloroethene	ND		1.00	ug/L			02/28/14 14:20	1
1,2-Dichloropropane	ND		1.00	ug/L			02/28/14 14:20	1
1,3-Dichloropropane	ND		1.00	ug/L			02/28/14 14:20	1
2,2-Dichloropropane	ND		1.00	ug/L			02/28/14 14:20	1
1,1-Dichloropropene	ND		1.00	ug/L			02/28/14 14:20	1
Ethylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
Hexachlorobutadiene	ND		2.00	ug/L			02/28/14 14:20	1
2-Hexanone	ND		10.0	ug/L			02/28/14 14:20	1
Isopropylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
Methylene Chloride	ND		5.00	ug/L			02/28/14 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			02/28/14 14:20	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/28/14 14:20	1
Naphthalene	ND		5.00	ug/L			02/28/14 14:20	1
n-Butylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
N-Propylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
p-Isopropyltoluene	ND		1.00	ug/L			02/28/14 14:20	1
sec-Butylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
Styrene	ND		1.00	ug/L			02/28/14 14:20	1
tert-Butylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/28/14 14:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/28/14 14:20	1

Client Sample ID: DW18

Date Collected: 02/26/14 14:30
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-2

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/28/14 14:20	1
Toluene	ND		1.00	ug/L			02/28/14 14:20	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/28/14 14:20	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/28/14 14:20	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/28/14 14:20	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/28/14 14:20	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/28/14 14:20	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/28/14 14:20	1
Trichloroethene	ND		1.00	ug/L			02/28/14 14:20	1
Trichlorofluoromethane	ND		1.00	ug/L			02/28/14 14:20	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/28/14 14:20	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/28/14 14:20	1
Vinyl chloride	ND		1.00	ug/L			02/28/14 14:20	1
Xylenes, Total	ND		3.00	ug/L			02/28/14 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*02/28/14 14:20*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*02/28/14 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*02/28/14 14:20*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*02/28/14 14:20*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Acenaphthylene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Anthracene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Benzo[a]anthracene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Benzo[a]pyrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Benzo[b]fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Benzo[g,h,i]perylene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Benzo[k]fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Bis(2-chloroethoxy)methane	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Bis(2-chloroethyl)ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
bis (2-chloroisopropyl) ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Bis(2-ethylhexyl) phthalate	ND	*	8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
4-Bromophenyl phenyl ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Butyl benzyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Carbazole	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
4-Chloroaniline	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
4-Chloro-3-methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2-Chloronaphthalene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2-Chlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
4-Chlorophenyl phenyl ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Chrysene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Cresols	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Dibenz(a,h)anthracene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Dibenzofuran	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
1,2-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
1,3-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Client Sample ID: DW18

Date Collected: 02/26/14 14:30
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-2

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
3,3'-Dichlorobenzidine	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,4-Dichlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Diethyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,4-Dimethylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Dimethyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Di-n-butyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
4,6-Dinitro-2-methylphenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,4-Dinitrophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,4-Dinitrotoluene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,6-Dinitrotoluene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Di-n-octyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Fluorene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Hexachlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Hexachlorobutadiene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Hexachlorocyclopentadiene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Hexachloroethane	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Indeno[1,2,3-cd]pyrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Isophorone	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
1-Methylnaphthalene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
2-Methylnaphthalene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
2-Methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
3 & 4 Methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Naphthalene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
2-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
3-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
4-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
Nitrobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2-Nitrophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
4-Nitrophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
N-Nitrosodi-n-propylamine	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Pentachlorophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
Phenanthrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
Phenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
Pyrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 18:45	1
1,2,4-Trichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,4,5-Trichlorophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 18:45	1
2,4,6-Trichlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*92*		*29 - 120*	*03/04/14 13:10*	*03/04/14 18:45*	*1*
2-Fluorophenol (Surr)	*51*		*10 - 120*	*03/04/14 13:10*	*03/04/14 18:45*	*1*
Nitrobenzene-d5 (Surr)	*101*		*27 - 120*	*03/04/14 13:10*	*03/04/14 18:45*	*1*
Phenol-d5 (Surr)	*30*		*10 - 120*	*03/04/14 13:10*	*03/04/14 18:45*	*1*
Terphenyl-d14 (Surr)	*104*		*13 - 120*	*03/04/14 13:10*	*03/04/14 18:45*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 120*	*03/04/14 13:10*	*03/04/14 18:45*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Client Sample ID: DW19

Date Collected: 02/25/14 09:20
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-3

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			02/28/14 14:47	1
Benzene	ND		1.00	ug/L			02/28/14 14:47	1
Bromobenzene	ND		1.00	ug/L			02/28/14 14:47	1
Bromochloromethane	ND		1.00	ug/L			02/28/14 14:47	1
Bromodichloromethane	ND	*	1.00	ug/L			02/28/14 14:47	1
Bromoform	ND		1.00	ug/L			02/28/14 14:47	1
Bromomethane	ND		1.00	ug/L			02/28/14 14:47	1
2-Butanone (MEK)	ND		50.0	ug/L			02/28/14 14:47	1
Carbon disulfide	ND	*	1.00	ug/L			02/28/14 14:47	1
Carbon tetrachloride	ND		1.00	ug/L			02/28/14 14:47	1
Chlorobenzene	ND		1.00	ug/L			02/28/14 14:47	1
Chlorodibromomethane	ND		1.00	ug/L			02/28/14 14:47	1
Chloroethane	ND		1.00	ug/L			02/28/14 14:47	1
Chloroform	ND		1.00	ug/L			02/28/14 14:47	1
Chloromethane	ND		1.00	ug/L			02/28/14 14:47	1
2-Chlorotoluene	ND		1.00	ug/L			02/28/14 14:47	1
4-Chlorotoluene	ND		1.00	ug/L			02/28/14 14:47	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			02/28/14 14:47	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			02/28/14 14:47	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			02/28/14 14:47	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			02/28/14 14:47	1
Dibromomethane	ND		1.00	ug/L			02/28/14 14:47	1
1,2-Dichlorobenzene	ND		1.00	ug/L			02/28/14 14:47	1
1,3-Dichlorobenzene	ND		1.00	ug/L			02/28/14 14:47	1
1,4-Dichlorobenzene	ND		1.00	ug/L			02/28/14 14:47	1
Dichlorodifluoromethane	ND		1.00	ug/L			02/28/14 14:47	1
1,1-Dichloroethane	ND		1.00	ug/L			02/28/14 14:47	1
1,2-Dichloroethane	ND		1.00	ug/L			02/28/14 14:47	1
1,1-Dichloroethene	ND		1.00	ug/L			02/28/14 14:47	1
1,2-Dichloropropane	ND		1.00	ug/L			02/28/14 14:47	1
1,3-Dichloropropane	ND		1.00	ug/L			02/28/14 14:47	1
2,2-Dichloropropane	ND		1.00	ug/L			02/28/14 14:47	1
1,1-Dichloropropene	ND		1.00	ug/L			02/28/14 14:47	1
Ethylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
Hexachlorobutadiene	ND		2.00	ug/L			02/28/14 14:47	1
2-Hexanone	ND		10.0	ug/L			02/28/14 14:47	1
Isopropylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
Methylene Chloride	ND		5.00	ug/L			02/28/14 14:47	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			02/28/14 14:47	1
Methyl tert-butyl ether	ND		1.00	ug/L			02/28/14 14:47	1
Naphthalene	ND		5.00	ug/L			02/28/14 14:47	1
n-Butylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
N-Propylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
p-Isopropyltoluene	ND		1.00	ug/L			02/28/14 14:47	1
sec-Butylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
Styrene	ND		1.00	ug/L			02/28/14 14:47	1
tert-Butylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			02/28/14 14:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			02/28/14 14:47	1

Client Sample ID: DW19

Date Collected: 02/25/14 09:20
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-3

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			02/28/14 14:47	1
Toluene	ND		1.00	ug/L			02/28/14 14:47	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			02/28/14 14:47	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			02/28/14 14:47	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			02/28/14 14:47	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			02/28/14 14:47	1
1,1,1-Trichloroethane	ND		1.00	ug/L			02/28/14 14:47	1
1,1,2-Trichloroethane	ND		1.00	ug/L			02/28/14 14:47	1
Trichloroethene	ND		1.00	ug/L			02/28/14 14:47	1
Trichlorofluoromethane	ND		1.00	ug/L			02/28/14 14:47	1
1,2,3-Trichloropropane	ND		1.00	ug/L			02/28/14 14:47	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			02/28/14 14:47	1
Vinyl chloride	ND		1.00	ug/L			02/28/14 14:47	1
Xylenes, Total	ND		3.00	ug/L			02/28/14 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*02/28/14 14:47*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*02/28/14 14:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*		*02/28/14 14:47*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*02/28/14 14:47*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Acenaphthylene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Anthracene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Benzo[a]anthracene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Benzo[a]pyrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Benzo[b]fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Benzo[g,h,i]perylene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Benzo[k]fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Bis(2-chloroethoxy)methane	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Bis(2-chloroethyl)ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
bis (2-chloroisopropyl) ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Bis(2-ethylhexyl) phthalate	ND	*	8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
4-Bromophenyl phenyl ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Butyl benzyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Carbazole	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
4-Chloroaniline	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
4-Chloro-3-methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2-Chloronaphthalene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2-Chlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
4-Chlorophenyl phenyl ether	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Chrysene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Cresols	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Dibenz(a,h)anthracene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Dibenzofuran	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
1,2-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
1,3-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47391-1
SDG: FMMD1002

Client Sample ID: DW19

Date Collected: 02/25/14 09:20
Date Received: 02/28/14 08:15

Lab Sample ID: 490-47391-3

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
3,3'-Dichlorobenzidine	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,4-Dichlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Diethyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,4-Dimethylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Dimethyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Di-n-butyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
4,6-Dinitro-2-methylphenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,4-Dinitrophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,4-Dinitrotoluene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,6-Dinitrotoluene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Di-n-octyl phthalate	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Fluoranthene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Fluorene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Hexachlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Hexachlorobutadiene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Hexachlorocyclopentadiene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Hexachloroethane	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Indeno[1,2,3-cd]pyrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Isophorone	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
1-Methylnaphthalene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
2-Methylnaphthalene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
2-Methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
3 & 4 Methylphenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Naphthalene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
2-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
3-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
4-Nitroaniline	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
Nitrobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2-Nitrophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
4-Nitrophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
N-Nitrosodi-n-propylamine	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Pentachlorophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
Phenanthrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
Phenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
Pyrene	ND		1.67	ug/L		03/04/14 13:10	03/04/14 19:07	1
1,2,4-Trichlorobenzene	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,4,5-Trichlorophenol	ND		20.8	ug/L		03/04/14 13:10	03/04/14 19:07	1
2,4,6-Trichlorophenol	ND		8.33	ug/L		03/04/14 13:10	03/04/14 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*101*		*29 - 120*	*03/04/14 13:10*	*03/04/14 19:07*	*1*
2-Fluorophenol (Surr)	*51*		*10 - 120*	*03/04/14 13:10*	*03/04/14 19:07*	*1*
Nitrobenzene-d5 (Surr)	*107*		*27 - 120*	*03/04/14 13:10*	*03/04/14 19:07*	*1*
Phenol-d5 (Surr)	*31*		*10 - 120*	*03/04/14 13:10*	*03/04/14 19:07*	*1*
Terphenyl-d14 (Surr)	*103*		*13 - 120*	*03/04/14 13:10*	*03/04/14 19:07*	*1*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 120*	*03/04/14 13:10*	*03/04/14 19:07*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-47391 Chain of Custody

Cooler Received/Opened On 2/28/2014 @ 0815

1. Tracking # 4218 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 0.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) MDM

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AJH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) AJH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) AJH

I certify that I attached a label with the unique LIMS number to each container (intial) AJH

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

3/5/2014

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Report To: Trev Greene

Project Manager: Trev Greene

P.O. #

Telephone Number: 540-483-3311 **Fax No.:**

TA Quote #:

Sampler Name: (Print) Marshall Adam Flora

Project ID: Meadows of Dan Food Market

Sampler Signature:

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: VOCs via 8260B	Analyze For: SVOCs via 8270C										RUSH TAT (Pre-Schedule	Standard TAT	Fax Results	Send QC with report
DW09	02/25/14	1630	5	X			X		X						X						X	X											X		
DW18	02/26/14	1430	5	X			X		X						X						X	X											X		
DW19	02/25/14	920	5	X			X		X						X						X	X											X		

Loc: 490
47391

Special Instructions:

*** 24-HR. Rush

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
	2/27/2014	800			
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

Laboratory Comments:

Temperature Upon Receipt:

VOCs Free of Headspace? Y N

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-47391-1
SDG Number: FMMD1002

Login Number: 47391
List Number: 1
Creator: Huskey, Adam

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-47474-1
TestAmerica Sample Delivery Group: FMMD 1002
Client Project/Site: Meadows of Dan Food Market

For:
Greene Environmental Services LLC
200 Buckwheat Lane
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Authorized for release by:
3/12/2014 2:14:23 PM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-47474-1	B01-1	Solid	02/24/14 11:48	02/28/14 08:15
490-47474-2	B01-2	Solid	02/24/14 11:52	02/28/14 08:15
490-47474-3	B01-3	Solid	02/24/14 11:56	02/28/14 08:15
490-47474-4	B01-4	Solid	02/24/14 12:04	02/28/14 08:15
490-47474-5	B01-6	Solid	02/24/14 12:15	02/28/14 08:15
490-47474-6	B01-7	Solid	02/24/14 12:28	02/28/14 08:15
490-47474-7	B01-8	Solid	02/24/14 12:35	02/28/14 08:15
490-47474-8	B01-9	Solid	02/24/14 13:15	02/28/14 08:15
490-47474-9	B02-1	Solid	02/24/14 14:40	02/28/14 08:15
490-47474-10	B02-2	Solid	02/24/14 14:48	02/28/14 08:15
490-47474-11	B02-3	Solid	02/24/14 14:53	02/28/14 08:15
490-47474-12	B02-4	Solid	02/24/14 14:58	02/28/14 08:15
490-47474-13	B02-5	Solid	02/24/14 15:02	02/28/14 08:15
490-47474-14	B02-6	Solid	02/24/14 15:07	02/28/14 08:15
490-47474-15	B02-7	Solid	02/24/14 15:10	02/28/14 08:15
490-47474-16	B02-8	Solid	02/24/14 15:13	02/28/14 08:15
490-47474-17	B02-9	Solid	02/24/14 15:17	02/28/14 08:15
490-47474-18	B03-1	Solid	02/25/14 09:38	02/28/14 08:15
490-47474-19	B03-2	Solid	02/25/14 09:44	02/28/14 08:15
490-47474-20	B03-3	Solid	02/25/14 09:50	02/28/14 08:15
490-47474-21	B03-4	Solid	02/25/14 09:56	02/28/14 08:15
490-47474-22	B03-5	Solid	02/25/14 10:00	02/28/14 08:15
490-47474-23	B03-6	Solid	02/25/14 10:02	02/28/14 08:15
490-47474-24	B03-7	Solid	02/25/14 10:04	02/28/14 08:15
490-47474-25	B03-8	Solid	02/25/14 10:10	02/28/14 08:15
490-47474-26	B03-9	Solid	02/25/14 10:17	02/28/14 08:15
490-47474-27	B03-10	Solid	02/25/14 11:10	02/28/14 08:15
490-47474-28	B04-7	Solid	02/25/14 13:41	02/28/14 08:15
490-47474-29	B04-8	Solid	02/25/14 13:44	02/28/14 08:15
490-47474-30	B04-9	Solid	02/25/14 13:49	02/28/14 08:15
490-47474-31	B05-6	Solid	02/26/14 10:45	02/28/14 08:15
490-47474-32	B05-7	Solid	02/26/14 10:52	02/28/14 08:15
490-47474-33	B05-8	Solid	02/26/14 11:00	02/28/14 08:15
490-47474-34	B06-7	Solid	02/26/14 12:32	02/28/14 08:15
490-47474-35	B06-8	Solid	02/26/14 13:15	02/28/14 08:15
490-47474-36	B06-9	Solid	02/26/14 13:24	02/28/14 08:15

Job ID: 490-47474-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-47474-1

Comments
No additional comments.

Receipt
The samples were received on 2/28/2014 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.6º C and 1.7º C.

GC VOA
Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 145263.

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: B03-9 (490-47474-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 145655.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 145652.

Method(s) 8015B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 145655 recovered outside control limits for the following analytes: C6-C10

Method(s) 8021B: Surrogate recovery for the following sample(s) was outside control limits: B01-8 (490-47474-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8021B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 145290.

Method(s) 8021B: The following sample(s) was diluted due to the nature of the sample matrix: B01-9 (490-47474-8). Elevated reporting limits (RLs) are provided for MTBE.

Method(s) 8021B: Surrogate recovery for the following sample(s) was outside control limits: B03-9 (490-47474-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8021B: The continuing calibration verification (CCV) for analytical batch 145657 exceeded control criteria for Benzene. The average concentration recovery for all target analytes, however, is less than a 15% difference from target concentrations; therefore, samples were not affected.

Method(s) 8021B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate(MS/MSD) associated with batch 145657.

Method(s) 8021B: The following sample(s) was diluted due to the nature of the sample matrix: B03-8 (490-47474-25). Elevated reporting limits (RLs) are provided for MTBE.

Method(s) 8021B: The following sample(s) was diluted due to the nature of the sample matrix: B03-10 (490-47474-27). Elevated reporting limits (RLs) are provided for MTBE and Benzene.

Method(s) 8021B: The continuing calibration verification (CCV) for analytical batch 145889 exceeded control criteria for MTBE. The average concentration recovery for all target analytes, however, is less than a 15% difference from target concentrations; therefore, samples were not affected.

Job ID: 490-47474-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

Method(s) 8021B: The following sample(s) was diluted due to the nature of the sample matrix: B01-4 (490-47474-4). Elevated reporting limits (RLs) are provided for MTBE.

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B01-1

Lab Sample ID: 490-47474-1
Matrix: Solid

Date Collected: 02/24/14 11:48
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.99	mg/Kg		03/01/14 10:06	03/04/14 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*03/01/14 10:06*	*03/04/14 16:35*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000891	mg/Kg		03/01/14 10:09	03/05/14 15:47	1
Toluene	**0.00660**		0.000891	mg/Kg		03/01/14 10:09	03/05/14 15:47	1
Methyl tert-butyl ether	**0.280**		0.00891	mg/Kg		03/01/14 10:09	03/05/14 15:47	1
Benzene	ND		0.000891	mg/Kg		03/01/14 10:09	03/05/14 15:47	1
Naphthalene	ND		0.00446	mg/Kg		03/01/14 10:09	03/05/14 15:47	1
Xylenes, Total	**0.00478**		0.00267	mg/Kg		03/01/14 10:09	03/05/14 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*119*		*50 - 150*	*03/01/14 10:09*	*03/05/14 15:47*	*1*

Client Sample ID: B01-2

Lab Sample ID: 490-47474-2
Matrix: Solid

Date Collected: 02/24/14 11:52
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.84	mg/Kg		03/01/14 10:06	03/04/14 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*03/01/14 10:06*	*03/04/14 17:09*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000949	mg/Kg		03/01/14 10:09	03/05/14 16:21	1
Toluene	**0.00148**		0.000949	mg/Kg		03/01/14 10:09	03/05/14 16:21	1
Methyl tert-butyl ether	**0.214**		0.00949	mg/Kg		03/01/14 10:09	03/05/14 16:21	1
Benzene	ND		0.000949	mg/Kg		03/01/14 10:09	03/05/14 16:21	1
Naphthalene	ND		0.00474	mg/Kg		03/01/14 10:09	03/05/14 16:21	1
Xylenes, Total	ND		0.00285	mg/Kg		03/01/14 10:09	03/05/14 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*149*		*50 - 150*	*03/01/14 10:09*	*03/05/14 16:21*	*1*

Client Sample ID: B01-3

Lab Sample ID: 490-47474-3
Matrix: Solid

Date Collected: 02/24/14 11:56
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.17	mg/Kg		03/01/14 10:06	03/04/14 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*03/01/14 10:06*	*03/04/14 17:44*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B01-3

Lab Sample ID: 490-47474-3

Date Collected: 02/24/14 11:56
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000945	mg/Kg		03/01/14 10:09	03/06/14 03:22	1
Toluene	**0.00471**		0.000945	mg/Kg		03/01/14 10:09	03/06/14 03:22	1
Methyl tert-butyl ether	**1.03**		0.417	mg/Kg		03/01/14 10:06	03/04/14 17:44	1
Benzene	ND		0.000945	mg/Kg		03/01/14 10:09	03/06/14 03:22	1
Naphthalene	**0.00505**		0.00473	mg/Kg		03/01/14 10:09	03/06/14 03:22	1
Xylenes, Total	**0.00675**		0.00284	mg/Kg		03/01/14 10:09	03/06/14 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*03/01/14 10:06*	*03/04/14 17:44*	*1*
a,a,a-Trifluorotoluene	*147*		*50 - 150*	*03/01/14 10:09*	*03/06/14 03:22*	*1*

Client Sample ID: B01-4

Lab Sample ID: 490-47474-4

Date Collected: 02/24/14 12:04
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.51	mg/Kg		03/01/14 10:06	03/04/14 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*03/01/14 10:06*	*03/04/14 18:17*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.00915**		0.000876	mg/Kg		03/01/14 10:09	03/05/14 16:55	1
Toluene	**0.0846**		0.000876	mg/Kg		03/01/14 10:09	03/05/14 16:55	1
Methyl tert-butyl ether	ND		0.451	mg/Kg		03/01/14 10:06	03/06/14 16:45	1
Benzene	**0.0132**		0.000876	mg/Kg		03/01/14 10:09	03/05/14 16:55	1
Naphthalene	ND		0.00438	mg/Kg		03/01/14 10:09	03/05/14 16:55	1
Xylenes, Total	**0.0487**		0.00263	mg/Kg		03/01/14 10:09	03/05/14 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*03/01/14 10:09*	*03/05/14 16:55*	*1*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*03/01/14 10:06*	*03/06/14 16:45*	*1*

Client Sample ID: B01-6

Lab Sample ID: 490-47474-5

Date Collected: 02/24/14 12:15
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**17.8**		4.46	mg/Kg		03/01/14 10:06	03/04/14 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*03/01/14 10:06*	*03/04/14 18:51*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.113**		0.000891	mg/Kg		03/01/14 10:09	03/06/14 03:56	1
Toluene	**0.0722**		0.000891	mg/Kg		03/01/14 10:09	03/06/14 03:56	1
Methyl tert-butyl ether	**1.18**		0.446	mg/Kg		03/01/14 10:06	03/04/14 18:51	1

Client Sample ID: B01-6

Lab Sample ID: 490-47474-5

Date Collected: 02/24/14 12:15
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00114		0.000891	mg/Kg		03/01/14 10:09	03/06/14 03:56	1
Naphthalene	0.541		0.223	mg/Kg		03/01/14 10:06	03/04/14 18:51	1
Xylenes, Total	2.36		0.134	mg/Kg		03/01/14 10:06	03/04/14 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*03/01/14 10:06*	*03/04/14 18:51*	*1*
a,a,a-Trifluorotoluene	*140*		*50 - 150*	*03/01/14 10:09*	*03/06/14 03:56*	*1*

Client Sample ID: B01-7

Lab Sample ID: 490-47474-6

Date Collected: 02/24/14 12:28
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	1550		4.25	mg/Kg		03/01/14 10:06	03/04/14 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*03/01/14 10:06*	*03/04/14 19:25*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	33.9		0.850	mg/Kg		03/01/14 10:06	03/05/14 17:12	20
Toluene	46.1		0.850	mg/Kg		03/01/14 10:06	03/05/14 17:12	20
Methyl tert-butyl ether	1.15		0.425	mg/Kg		03/01/14 10:06	03/04/14 19:25	1
Benzene	0.701		0.0425	mg/Kg		03/01/14 10:06	03/04/14 19:25	1
Naphthalene	16.5		4.25	mg/Kg		03/01/14 10:06	03/05/14 17:12	20
Xylenes, Total	189		2.55	mg/Kg		03/01/14 10:06	03/05/14 17:12	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*03/01/14 10:06*	*03/04/14 19:25*	*1*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*03/01/14 10:06*	*03/05/14 17:12*	*20*

Client Sample ID: B01-8

Lab Sample ID: 490-47474-7

Date Collected: 02/24/14 12:35
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	4890	*	434	mg/Kg		03/01/14 10:06	03/05/14 18:20	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*03/01/14 10:06*	*03/05/14 18:20*	*100*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	112		4.34	mg/Kg		03/01/14 10:06	03/05/14 18:20	100
Toluene	246		4.34	mg/Kg		03/01/14 10:06	03/05/14 18:20	100
Methyl tert-butyl ether	11.2		0.434	mg/Kg		03/01/14 10:06	03/04/14 19:59	1
Benzene	14.7		0.0434	mg/Kg		03/01/14 10:06	03/04/14 19:59	1
Naphthalene	35.8		21.7	mg/Kg		03/01/14 10:06	03/05/14 18:20	100
Xylenes, Total	637		13.0	mg/Kg		03/01/14 10:06	03/05/14 18:20	100

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B01-8

Lab Sample ID: 490-47474-7
Matrix: Solid

Date Collected: 02/24/14 12:35
Date Received: 02/28/14 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	203	X	50 - 150	03/01/14 10:06	03/04/14 19:59	1
a,a,a-Trifluorotoluene	99		50 - 150	03/01/14 10:06	03/05/14 18:20	100

Client Sample ID: B01-9

Lab Sample ID: 490-47474-8
Matrix: Solid

Date Collected: 02/24/14 13:15
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	1190		4.47	mg/Kg		03/01/14 10:06	03/04/14 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	94		50 - 150	03/01/14 10:06	03/04/14 20:33	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	22.0		0.894	mg/Kg		03/01/14 10:06	03/05/14 17:46	20
Toluene	28.3		0.894	mg/Kg		03/01/14 10:06	03/05/14 17:46	20
Methyl tert-butyl ether	ND		0.447	mg/Kg		03/01/14 10:06	03/04/14 20:33	1
Benzene	0.567		0.0447	mg/Kg		03/01/14 10:06	03/04/14 20:33	1
Naphthalene	15.8		4.47	mg/Kg		03/01/14 10:06	03/05/14 17:46	20
Xylenes, Total	132		2.68	mg/Kg		03/01/14 10:06	03/05/14 17:46	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	88		50 - 150	03/01/14 10:06	03/04/14 20:33	1
a,a,a-Trifluorotoluene	99		50 - 150	03/01/14 10:06	03/05/14 17:46	20

Client Sample ID: B02-1

Lab Sample ID: 490-47474-9
Matrix: Solid

Date Collected: 02/24/14 14:40
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.43	mg/Kg		03/01/14 10:06	03/04/14 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	94		50 - 150	03/01/14 10:06	03/04/14 21:07	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.00152		0.000945	mg/Kg		03/01/14 10:09	03/06/14 00:33	1
Toluene	0.00226		0.000945	mg/Kg		03/01/14 10:09	03/06/14 00:33	1
Methyl tert-butyl ether	0.0298		0.00945	mg/Kg		03/01/14 10:09	03/06/14 00:33	1
Benzene	ND		0.000945	mg/Kg		03/01/14 10:09	03/06/14 00:33	1
Naphthalene	ND		0.00473	mg/Kg		03/01/14 10:09	03/06/14 00:33	1
Xylenes, Total	0.00931		0.00284	mg/Kg		03/01/14 10:09	03/06/14 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		50 - 150	03/01/14 10:09	03/06/14 00:33	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B02-2

Lab Sample ID: 490-47474-10
Date Collected: 02/24/14 14:48
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.73	mg/Kg		03/01/14 10:06	03/05/14 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*03/01/14 10:06*	*03/05/14 00:30*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000952	mg/Kg		03/01/14 10:09	03/05/14 17:29	1
Toluene	**0.00171**		0.000952	mg/Kg		03/01/14 10:09	03/05/14 17:29	1
Methyl tert-butyl ether	**0.101**		0.00952	mg/Kg		03/01/14 10:09	03/05/14 17:29	1
Benzene	ND		0.000952	mg/Kg		03/01/14 10:09	03/05/14 17:29	1
Naphthalene	ND		0.00476	mg/Kg		03/01/14 10:09	03/05/14 17:29	1
Xylenes, Total	**0.00327**		0.00286	mg/Kg		03/01/14 10:09	03/05/14 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*50 - 150*	*03/01/14 10:09*	*03/05/14 17:29*	*1*

Client Sample ID: B02-3

Lab Sample ID: 490-47474-11
Date Collected: 02/24/14 14:53
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.45	mg/Kg		03/01/14 10:06	03/05/14 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*03/01/14 10:06*	*03/05/14 01:04*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.00223**		0.000943	mg/Kg		03/01/14 10:09	03/06/14 04:30	1
Toluene	**0.00438**		0.000943	mg/Kg		03/01/14 10:09	03/06/14 04:30	1
Methyl tert-butyl ether	**1.38**		0.445	mg/Kg		03/01/14 10:06	03/05/14 01:04	1
Benzene	ND		0.000943	mg/Kg		03/01/14 10:09	03/06/14 04:30	1
Naphthalene	**1.91**		0.222	mg/Kg		03/01/14 10:06	03/05/14 01:04	1
Xylenes, Total	**0.0279**		0.00283	mg/Kg		03/01/14 10:09	03/06/14 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*03/01/14 10:06*	*03/05/14 01:04*	*1*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*03/01/14 10:09*	*03/06/14 04:30*	*1*

Client Sample ID: B02-4

Lab Sample ID: 490-47474-12
Date Collected: 02/24/14 14:58
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**22.9**		4.95	mg/Kg		03/01/14 10:06	03/05/14 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*03/01/14 10:06*	*03/05/14 01:38*	*1*

Client Sample ID: B02-4

Lab Sample ID: 490-47474-12

Date Collected: 02/24/14 14:58
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0383		0.000954	mg/Kg		03/01/14 10:09	03/06/14 05:04	1
Toluene	0.0130		0.000954	mg/Kg		03/01/14 10:09	03/06/14 05:04	1
Methyl tert-butyl ether	0.842		0.495	mg/Kg		03/01/14 10:06	03/05/14 01:38	1
Benzene	ND		0.000954	mg/Kg		03/01/14 10:09	03/06/14 05:04	1
Naphthalene	3.80		0.248	mg/Kg		03/01/14 10:06	03/05/14 01:38	1
Xylenes, Total	1.07		0.149	mg/Kg		03/01/14 10:06	03/05/14 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*03/01/14 10:06*	*03/05/14 01:38*	*1*
a,a,a-Trifluorotoluene	*123*		*50 - 150*	*03/01/14 10:09*	*03/06/14 05:04*	*1*

Client Sample ID: B02-5

Lab Sample ID: 490-47474-13

Date Collected: 02/24/14 15:02
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	799	*	48.3	mg/Kg		03/01/14 10:06	03/05/14 16:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*03/01/14 10:06*	*03/05/14 16:04*	*10*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	13.7		0.0483	mg/Kg		03/01/14 10:06	03/05/14 02:12	1
Toluene	5.50		0.0483	mg/Kg		03/01/14 10:06	03/05/14 02:12	1
Methyl tert-butyl ether	0.586		0.483	mg/Kg		03/01/14 10:06	03/05/14 02:12	1
Benzene	0.00333		0.000861	mg/Kg		03/01/14 10:09	03/06/14 05:38	1
Naphthalene	35.2		2.41	mg/Kg		03/01/14 10:06	03/05/14 16:04	10
Xylenes, Total	74.7		1.45	mg/Kg		03/01/14 10:06	03/05/14 16:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*03/01/14 10:06*	*03/05/14 02:12*	*1*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*03/01/14 10:06*	*03/05/14 16:04*	*10*
a,a,a-Trifluorotoluene	*134*		*50 - 150*	*03/01/14 10:09*	*03/06/14 05:38*	*1*

Client Sample ID: B02-6

Lab Sample ID: 490-47474-14

Date Collected: 02/24/14 15:07
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.53	mg/Kg		03/01/14 10:06	03/05/14 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*03/01/14 10:06*	*03/05/14 02:46*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.000912		0.000911	mg/Kg		03/01/14 10:09	03/06/14 02:49	1
Toluene	0.00618		0.000911	mg/Kg		03/01/14 10:09	03/06/14 02:49	1

Client Sample ID: B02-6

Lab Sample ID: 490-47474-14

Date Collected: 02/24/14 15:07
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.617		0.453	mg/Kg		03/01/14 10:06	03/05/14 02:46	1
Benzene	0.00198		0.000911	mg/Kg		03/01/14 10:09	03/06/14 02:49	1
Naphthalene	0.584		0.226	mg/Kg		03/01/14 10:06	03/05/14 02:46	1
Xylenes, Total	0.0136		0.00273	mg/Kg		03/01/14 10:09	03/06/14 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*	*03/01/14 10:06*	*03/05/14 02:46*	*1*
a,a,a-Trifluorotoluene	*123*		*50 - 150*	*03/01/14 10:09*	*03/06/14 02:49*	*1*

Client Sample ID: B02-7

Lab Sample ID: 490-47474-15

Date Collected: 02/24/14 15:10
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	479		4.56	mg/Kg		03/01/14 10:06	03/05/14 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*03/01/14 10:06*	*03/05/14 03:20*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	13.1		0.0456	mg/Kg		03/01/14 10:06	03/05/14 03:20	1
Toluene	10.7		0.0456	mg/Kg		03/01/14 10:06	03/05/14 03:20	1
Methyl tert-butyl ether	1.10		0.456	mg/Kg		03/01/14 10:06	03/05/14 03:20	1
Benzene	0.0600		0.0456	mg/Kg		03/01/14 10:06	03/05/14 03:20	1
Naphthalene	11.5		0.228	mg/Kg		03/01/14 10:06	03/05/14 03:20	1
Xylenes, Total	53.9		1.37	mg/Kg		03/01/14 10:06	03/05/14 16:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*50 - 150*	*03/01/14 10:06*	*03/05/14 03:20*	*1*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*03/01/14 10:06*	*03/05/14 16:38*	*10*

Client Sample ID: B02-8

Lab Sample ID: 490-47474-16

Date Collected: 02/24/14 15:13
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	6000	*	9.67	mg/Kg		03/01/14 10:06	03/05/14 19:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*135*		*50 - 150*	*03/01/14 10:06*	*03/05/14 19:27*	*2*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	109		4.84	mg/Kg		03/01/14 10:06	03/06/14 19:01	100
Toluene	207		4.84	mg/Kg		03/01/14 10:06	03/06/14 19:01	100
Methyl tert-butyl ether	1.78		0.967	mg/Kg		03/01/14 10:06	03/05/14 19:27	2
Benzene	6.82		0.0967	mg/Kg		03/01/14 10:06	03/05/14 19:27	2
Naphthalene	54.3		24.2	mg/Kg		03/01/14 10:06	03/06/14 19:01	100

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B02-8

Lab Sample ID: 490-47474-16
Date Collected: 02/24/14 15:13
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	612		14.5	mg/Kg		03/01/14 10:06	03/06/14 19:01	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*134*		*50 - 150*	*03/01/14 10:06*	*03/05/14 19:27*	*2*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*03/01/14 10:06*	*03/06/14 19:01*	*100*

Client Sample ID: B02-9

Lab Sample ID: 490-47474-17
Date Collected: 02/24/14 15:17
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	1830	*	4.34	mg/Kg		03/01/14 10:06	03/05/14 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*03/01/14 10:06*	*03/05/14 20:02*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	40.6		0.868	mg/Kg		03/01/14 10:06	03/06/14 18:27	20
Toluene	52.6		0.868	mg/Kg		03/01/14 10:06	03/06/14 18:27	20
Methyl tert-butyl ether	0.501		0.434	mg/Kg		03/01/14 10:06	03/05/14 20:02	1
Benzene	0.366		0.0434	mg/Kg		03/01/14 10:06	03/05/14 20:02	1
Naphthalene	21.7		4.34	mg/Kg		03/01/14 10:06	03/06/14 18:27	20
Xylenes, Total	242		2.60	mg/Kg		03/01/14 10:06	03/06/14 18:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*03/01/14 10:06*	*03/05/14 20:02*	*1*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*03/01/14 10:06*	*03/06/14 18:27*	*20*

Client Sample ID: B03-1

Lab Sample ID: 490-47474-18
Date Collected: 02/25/14 09:38
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.83	mg/Kg		03/01/14 10:06	03/05/14 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*50 - 150*	*03/01/14 10:06*	*03/05/14 03:54*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000929	mg/Kg		03/01/14 10:09	03/06/14 01:07	1
Toluene	0.00104		0.000929	mg/Kg		03/01/14 10:09	03/06/14 01:07	1
Methyl tert-butyl ether	ND		0.00929	mg/Kg		03/01/14 10:09	03/06/14 01:07	1
Benzene	ND		0.000929	mg/Kg		03/01/14 10:09	03/06/14 01:07	1
Naphthalene	ND		0.00465	mg/Kg		03/01/14 10:09	03/06/14 01:07	1
Xylenes, Total	0.00291		0.00279	mg/Kg		03/01/14 10:09	03/06/14 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*	*03/01/14 10:09*	*03/06/14 01:07*	*1*

Client Sample ID: B03-2

Lab Sample ID: 490-47474-19

Date Collected: 02/25/14 09:44
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.55	mg/Kg		03/01/14 10:06	03/05/14 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*03/01/14 10:06*	*03/05/14 04:27*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.00448**		0.000850	mg/Kg		03/01/14 10:09	03/06/14 01:40	1
Toluene	**0.0221**		0.000850	mg/Kg		03/01/14 10:09	03/06/14 01:40	1
Methyl tert-butyl ether	ND		0.00850	mg/Kg		03/01/14 10:09	03/06/14 01:40	1
Benzene	**0.00102**		0.000850	mg/Kg		03/01/14 10:09	03/06/14 01:40	1
Naphthalene	ND		0.00425	mg/Kg		03/01/14 10:09	03/06/14 01:40	1
Xylenes, Total	**0.0206**		0.00255	mg/Kg		03/01/14 10:09	03/06/14 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*03/01/14 10:09*	*03/06/14 01:40*	*1*

Client Sample ID: B03-3

Lab Sample ID: 490-47474-20

Date Collected: 02/25/14 09:50
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.29	mg/Kg		03/01/14 10:06	03/05/14 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*03/01/14 10:06*	*03/05/14 05:02*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.00109**		0.000962	mg/Kg		03/01/14 10:09	03/06/14 02:15	1
Toluene	**0.00264**		0.000962	mg/Kg		03/01/14 10:09	03/06/14 02:15	1
Methyl tert-butyl ether	**0.0164**		0.00962	mg/Kg		03/01/14 10:09	03/06/14 02:15	1
Benzene	ND		0.000962	mg/Kg		03/01/14 10:09	03/06/14 02:15	1
Naphthalene	ND		0.00481	mg/Kg		03/01/14 10:09	03/06/14 02:15	1
Xylenes, Total	**0.00561**		0.00288	mg/Kg		03/01/14 10:09	03/06/14 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*03/01/14 10:09*	*03/06/14 02:15*	*1*

Client Sample ID: B03-4

Lab Sample ID: 490-47474-21

Date Collected: 02/25/14 09:56
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.68	mg/Kg		03/01/14 10:06	03/05/14 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*03/01/14 10:06*	*03/05/14 05:35*	*1*

Client Sample ID: B03-4

Lab Sample ID: 490-47474-21

Date Collected: 02/25/14 09:56
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000894	mg/Kg		03/01/14 10:09	03/05/14 18:03	1
Toluene	**0.00104**		0.000894	mg/Kg		03/01/14 10:09	03/05/14 18:03	1
Methyl tert-butyl ether	**0.0239**		0.00894	mg/Kg		03/01/14 10:09	03/05/14 18:03	1
Benzene	ND		0.000894	mg/Kg		03/01/14 10:09	03/05/14 18:03	1
Naphthalene	ND		0.00447	mg/Kg		03/01/14 10:09	03/05/14 18:03	1
Xylenes, Total	ND		0.00268	mg/Kg		03/01/14 10:09	03/05/14 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*03/01/14 10:09*	*03/05/14 18:03*	*1*

Client Sample ID: B03-5

Lab Sample ID: 490-47474-22

Date Collected: 02/25/14 10:00
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.27	mg/Kg		03/01/14 10:06	03/05/14 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*03/01/14 10:06*	*03/05/14 19:10*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000942	mg/Kg		03/01/14 10:09	03/11/14 14:35	1
Toluene	ND		0.000942	mg/Kg		03/01/14 10:09	03/11/14 14:35	1
Methyl tert-butyl ether	ND		0.00942	mg/Kg		03/01/14 10:09	03/11/14 14:35	1
Benzene	ND		0.000942	mg/Kg		03/01/14 10:09	03/11/14 14:35	1
Naphthalene	ND		0.00471	mg/Kg		03/01/14 10:09	03/11/14 14:35	1
Xylenes, Total	ND		0.00282	mg/Kg		03/01/14 10:09	03/11/14 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*03/01/14 10:09*	*03/11/14 14:35*	*1*

Client Sample ID: B03-6

Lab Sample ID: 490-47474-23

Date Collected: 02/25/14 10:02
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.97	mg/Kg		03/01/14 10:06	03/05/14 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*03/01/14 10:06*	*03/05/14 19:45*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000960	mg/Kg		03/01/14 10:09	03/06/14 17:02	1
Toluene	**0.00366**		0.000960	mg/Kg		03/01/14 10:09	03/06/14 17:02	1
Methyl tert-butyl ether	**0.0321**		0.00960	mg/Kg		03/01/14 10:09	03/06/14 17:02	1
Benzene	ND		0.000960	mg/Kg		03/01/14 10:09	03/06/14 17:02	1
Naphthalene	ND		0.00480	mg/Kg		03/01/14 10:09	03/06/14 17:02	1

Client Sample ID: B03-6

Lab Sample ID: 490-47474-23

Date Collected: 02/25/14 10:02
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.00288	mg/Kg		03/01/14 10:09	03/06/14 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*03/01/14 10:09*	*03/06/14 17:02*	*1*

Client Sample ID: B03-7

Lab Sample ID: 490-47474-24

Date Collected: 02/25/14 10:04
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**7.97**		4.84	mg/Kg		03/01/14 10:06	03/05/14 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*03/01/14 10:06*	*03/05/14 20:18*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.0483**		0.000990	mg/Kg		03/01/14 10:09	03/11/14 17:21	1
Toluene	**0.0375**		0.000990	mg/Kg		03/01/14 10:09	03/11/14 17:21	1
Methyl tert-butyl ether	**0.0912**		0.00990	mg/Kg		03/01/14 10:09	03/11/14 17:21	1
Benzene	ND		0.000990	mg/Kg		03/01/14 10:09	03/11/14 17:21	1
Naphthalene	**0.798**		0.242	mg/Kg		03/01/14 10:06	03/05/14 20:18	1
Xylenes, Total	**1.85**		0.145	mg/Kg		03/01/14 10:06	03/05/14 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*03/01/14 10:06*	*03/05/14 20:18*	*1*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*03/01/14 10:09*	*03/11/14 17:21*	*1*

Client Sample ID: B03-8

Lab Sample ID: 490-47474-25

Date Collected: 02/25/14 10:10
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**2150**		4.68	mg/Kg		03/01/14 10:06	03/05/14 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*106*		*50 - 150*	*03/01/14 10:06*	*03/05/14 20:52*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**34.5**		0.936	mg/Kg		03/01/14 10:06	03/06/14 17:53	20
Toluene	**52.7**		0.936	mg/Kg		03/01/14 10:06	03/06/14 17:53	20
Methyl tert-butyl ether	ND		0.468	mg/Kg		03/01/14 10:06	03/05/14 20:52	1
Benzene	**1.60**		0.0468	mg/Kg		03/01/14 10:06	03/05/14 20:52	1
Naphthalene	**16.9**		4.68	mg/Kg		03/01/14 10:06	03/06/14 17:53	20
Xylenes, Total	**201**		2.81	mg/Kg		03/01/14 10:06	03/06/14 17:53	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*126*		*50 - 150*	*03/01/14 10:06*	*03/05/14 20:52*	*1*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*03/01/14 10:06*	*03/06/14 17:53*	*20*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B03-9

Lab Sample ID: 490-47474-26

Date Collected: 02/25/14 10:17
Date Received: 02/28/14 08:15
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	3790	*	44.5	mg/Kg		03/01/14 10:06	03/05/14 18:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*153*	*X*	*50 - 150*	*03/01/14 10:06*	*03/05/14 18:53*	*10*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	88.6		0.445	mg/Kg		03/01/14 10:06	03/05/14 18:53	10
Toluene	168		0.445	mg/Kg		03/01/14 10:06	03/05/14 18:53	10
Methyl tert-butyl ether	1.06		0.445	mg/Kg		03/01/14 10:06	03/05/14 20:35	1
Benzene	5.70		0.0445	mg/Kg		03/01/14 10:06	03/05/14 20:35	1
Naphthalene	28.5		2.22	mg/Kg		03/01/14 10:06	03/05/14 18:53	10
Xylenes, Total	451		1.33	mg/Kg		03/01/14 10:06	03/05/14 18:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*129*		*50 - 150*	*03/01/14 10:06*	*03/05/14 18:53*	*10*
a,a,a-Trifluorotoluene	*158*	*X*	*50 - 150*	*03/01/14 10:06*	*03/05/14 20:35*	*1*

Client Sample ID: B03-10

Lab Sample ID: 490-47474-27

Date Collected: 02/25/14 11:10
Date Received: 02/28/14 08:15
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	705		4.64	mg/Kg		03/01/14 10:06	03/06/14 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*50 - 150*	*03/01/14 10:06*	*03/06/14 00:16*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	11.7		0.464	mg/Kg		03/01/14 10:06	03/06/14 17:19	10
Toluene	8.75		0.0464	mg/Kg		03/01/14 10:06	03/06/14 00:16	1
Methyl tert-butyl ether	ND		0.464	mg/Kg		03/01/14 10:06	03/06/14 00:16	1
Benzene	ND		0.0464	mg/Kg		03/01/14 10:06	03/06/14 00:16	1
Naphthalene	14.8		2.32	mg/Kg		03/01/14 10:06	03/06/14 17:19	10
Xylenes, Total	82.3		1.39	mg/Kg		03/01/14 10:06	03/06/14 17:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*03/01/14 10:06*	*03/06/14 00:16*	*1*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*03/01/14 10:06*	*03/06/14 17:19*	*10*

Client Sample ID: B04-7

Lab Sample ID: 490-47474-28

Date Collected: 02/25/14 13:41
Date Received: 02/28/14 08:15
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.57	mg/Kg		03/01/14 10:06	03/06/14 00:50	1

Client Sample ID: B04-7

Lab Sample ID: 490-47474-28

Date Collected: 02/25/14 13:41
Matrix: Solid
Date Received: 02/28/14 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		50 - 150	03/01/14 10:06	03/06/14 00:50	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.000992**		0.000861	mg/Kg		03/01/14 10:09	03/06/14 15:54	1
Toluene	**0.00447**		0.000861	mg/Kg		03/01/14 10:09	03/06/14 15:54	1
Methyl tert-butyl ether	ND		0.00861	mg/Kg		03/01/14 10:09	03/06/14 15:54	1
Benzene	ND		0.000861	mg/Kg		03/01/14 10:09	03/06/14 15:54	1
Naphthalene	ND		0.00430	mg/Kg		03/01/14 10:09	03/06/14 15:54	1
Xylenes, Total	**0.00569**		0.00258	mg/Kg		03/01/14 10:09	03/06/14 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	84		50 - 150	03/01/14 10:09	03/06/14 15:54	1

Client Sample ID: B04-8

Lab Sample ID: 490-47474-29

Date Collected: 02/25/14 13:44
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.84	mg/Kg		03/01/14 10:06	03/06/14 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		50 - 150	03/01/14 10:06	03/06/14 01:23	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000994	mg/Kg		03/01/14 10:09	03/06/14 17:36	1
Toluene	**0.00130**		0.000994	mg/Kg		03/01/14 10:09	03/06/14 17:36	1
Methyl tert-butyl ether	ND		0.00994	mg/Kg		03/01/14 10:09	03/06/14 17:36	1
Benzene	ND		0.000994	mg/Kg		03/01/14 10:09	03/06/14 17:36	1
Naphthalene	ND		0.00497	mg/Kg		03/01/14 10:09	03/06/14 17:36	1
Xylenes, Total	ND		0.00298	mg/Kg		03/01/14 10:09	03/06/14 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	89		50 - 150	03/01/14 10:09	03/06/14 17:36	1

Client Sample ID: B04-9

Lab Sample ID: 490-47474-30

Date Collected: 02/25/14 13:49
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.51	mg/Kg		03/01/14 10:06	03/06/14 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	98		50 - 150	03/01/14 10:06	03/06/14 01:57	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000839	mg/Kg		03/01/14 10:09	03/06/14 19:53	1
Toluene	ND		0.000839	mg/Kg		03/01/14 10:09	03/06/14 19:53	1

Client Sample ID: B04-9

Lab Sample ID: 490-47474-30

Date Collected: 02/25/14 13:49
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.00839	mg/Kg		03/01/14 10:09	03/06/14 19:53	1
Benzene	ND		0.000839	mg/Kg		03/01/14 10:09	03/06/14 19:53	1
Naphthalene	ND		0.00419	mg/Kg		03/01/14 10:09	03/06/14 19:53	1
Xylenes, Total	ND		0.00252	mg/Kg		03/01/14 10:09	03/06/14 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*03/01/14 10:09*	*03/06/14 19:53*	*1*

Client Sample ID: B05-6

Lab Sample ID: 490-47474-31

Date Collected: 02/26/14 10:45
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.73	mg/Kg		03/01/14 10:06	03/06/14 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*03/01/14 10:06*	*03/06/14 02:32*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000963	mg/Kg		03/01/14 10:09	03/06/14 18:10	1
Toluene	ND		0.000963	mg/Kg		03/01/14 10:09	03/06/14 18:10	1
Methyl tert-butyl ether	ND		0.00963	mg/Kg		03/01/14 10:09	03/06/14 18:10	1
Benzene	ND		0.000963	mg/Kg		03/01/14 10:09	03/06/14 18:10	1
Naphthalene	ND		0.00482	mg/Kg		03/01/14 10:09	03/06/14 18:10	1
Xylenes, Total	ND		0.00289	mg/Kg		03/01/14 10:09	03/06/14 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*03/01/14 10:09*	*03/06/14 18:10*	*1*

Client Sample ID: B05-7

Lab Sample ID: 490-47474-32

Date Collected: 02/26/14 10:52
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.73	mg/Kg		03/01/14 10:06	03/06/14 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*03/01/14 10:06*	*03/06/14 03:05*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000861	mg/Kg		03/01/14 10:09	03/11/14 15:17	1
Toluene	ND		0.000861	mg/Kg		03/01/14 10:09	03/11/14 15:17	1
Methyl tert-butyl ether	ND		0.00861	mg/Kg		03/01/14 10:09	03/11/14 15:17	1
Benzene	ND		0.000861	mg/Kg		03/01/14 10:09	03/11/14 15:17	1
Naphthalene	ND		0.00430	mg/Kg		03/01/14 10:09	03/11/14 15:17	1
Xylenes, Total	ND		0.00258	mg/Kg		03/01/14 10:09	03/11/14 15:17	1

Client Sample ID: B05-7

Lab Sample ID: 490-47474-32

Date Collected: 02/26/14 10:52
Matrix: Solid
Date Received: 02/28/14 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	90		50 - 150	03/01/14 10:09	03/11/14 15:17	1

Client Sample ID: B05-8

Lab Sample ID: 490-47474-33

Date Collected: 02/26/14 11:00
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.30	mg/Kg		03/01/14 10:06	03/06/14 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	103		50 - 150	03/01/14 10:06	03/06/14 03:39	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000951	mg/Kg		03/01/14 10:09	03/06/14 18:44	1
Toluene	ND		0.000951	mg/Kg		03/01/14 10:09	03/06/14 18:44	1
Methyl tert-butyl ether	ND		0.00951	mg/Kg		03/01/14 10:09	03/06/14 18:44	1
Benzene	ND		0.000951	mg/Kg		03/01/14 10:09	03/06/14 18:44	1
Naphthalene	ND		0.00475	mg/Kg		03/01/14 10:09	03/06/14 18:44	1
Xylenes, Total	ND		0.00285	mg/Kg		03/01/14 10:09	03/06/14 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	89		50 - 150	03/01/14 10:09	03/06/14 18:44	1

Client Sample ID: B06-7

Lab Sample ID: 490-47474-34

Date Collected: 02/26/14 12:32
Matrix: Solid
Date Received: 02/28/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.61	mg/Kg		03/01/14 10:06	03/06/14 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	93		50 - 150	03/01/14 10:06	03/06/14 04:13	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000945	mg/Kg		03/01/14 10:09	03/06/14 19:18	1
Toluene	ND		0.000945	mg/Kg		03/01/14 10:09	03/06/14 19:18	1
Methyl tert-butyl ether	ND		0.00945	mg/Kg		03/01/14 10:09	03/06/14 19:18	1
Benzene	ND		0.000945	mg/Kg		03/01/14 10:09	03/06/14 19:18	1
Naphthalene	ND		0.00473	mg/Kg		03/01/14 10:09	03/06/14 19:18	1
Xylenes, Total	ND		0.00284	mg/Kg		03/01/14 10:09	03/06/14 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	125		50 - 150	03/01/14 10:09	03/06/14 19:18	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-47474-1
SDG: FMMD 1002

Client Sample ID: B06-8

Lab Sample ID: 490-47474-35

Date Collected: 02/26/14 13:15
Date Received: 02/28/14 08:15
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.42	mg/Kg		03/01/14 10:06	03/06/14 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*50 - 150*	*03/01/14 10:06*	*03/06/14 04:47*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000954	mg/Kg		03/01/14 10:09	03/11/14 15:58	1
Toluene	ND		0.000954	mg/Kg		03/01/14 10:09	03/11/14 15:58	1
Methyl tert-butyl ether	ND		0.00954	mg/Kg		03/01/14 10:09	03/11/14 15:58	1
Benzene	ND		0.000954	mg/Kg		03/01/14 10:09	03/11/14 15:58	1
Naphthalene	ND		0.00477	mg/Kg		03/01/14 10:09	03/11/14 15:58	1
Xylenes, Total	ND		0.00286	mg/Kg		03/01/14 10:09	03/11/14 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*50 - 150*	*03/01/14 10:09*	*03/11/14 15:58*	*1*

Client Sample ID: B06-9

Lab Sample ID: 490-47474-36

Date Collected: 02/26/14 13:24
Date Received: 02/28/14 08:15
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.99	mg/Kg		03/01/14 10:06	03/06/14 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*03/01/14 10:06*	*03/06/14 05:21*	*1*

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.000904	mg/Kg		03/01/14 10:09	03/11/14 16:40	1
Toluene	ND		0.000904	mg/Kg		03/01/14 10:09	03/11/14 16:40	1
Methyl tert-butyl ether	ND		0.00904	mg/Kg		03/01/14 10:09	03/11/14 16:40	1
Benzene	ND		0.000904	mg/Kg		03/01/14 10:09	03/11/14 16:40	1
Naphthalene	ND		0.00452	mg/Kg		03/01/14 10:09	03/11/14 16:40	1
Xylenes, Total	ND		0.00271	mg/Kg		03/01/14 10:09	03/11/14 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*03/01/14 10:09*	*03/11/14 16:40*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-47474 Chain of Custody

Cooler Received/Opened On: 2/28/2014 @0815

1. Tracking # 4207 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID: 14740456

2. Temperature of rep. sample or temp blank when opened: 1.7 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front/Back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) BA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) BA

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) BA

I certify that I attached a label with the unique LIMS number to each container (intial) BA

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
47474

Cooler Received/Opened On 2/28/2014 @ 0815

1. Tracking # 4192 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 1.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 (front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) EH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) EH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) EH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) EH

I certify that I attached a label with the unique LIMS number to each container (intial) EH

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/2012

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Joshua Bernard

Sampler Signature: Joshua L. Bernard

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: TPH-GRO via 8015	Analyze For: BTEX,MTBE,NAP via 8021	Analyze For: Loc: 490 47474	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
B01-1	02/24/14	1148	1	X			X												X		X	X			X		
B01-2	02/24/14	1152	1	X			X												X		X	X			X		
B01-3	02/24/14	1156	1	X			X												X		X	X			X		
B01-4	02/24/14	1204	1	X			X												X		X	X			X		
B01-6	02/24/14	1215	1	X			X												X		X	X			X		
B01-7	02/24/14	1228	1	X			X												X		X	X			X		
B01-8	02/24/14	1235	1	X			X												X		X	X			X		
B01-9	02/24/14	1315	1	X			X												X		X	X			X		
B02-1	02/24/14	1440	1	X			X												X		X	X			X		
B02-2	02/24/14	1448	1	X			X												X		X	X			X		

Special Instructions:

Page 1 of 4

Method of Shipment: FEDEX

Laboratory Comments:

Temperature Upon Receipt:

VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Joshua L. Bernard	2/27/2014	800	EAN	2-28-14	8:15 AM
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

3/12/2014

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

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Enforcement Action? Yes No

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Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Joshua Bernard

Sampler Signature: Joshua L. Bernard

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: TPH-GRO via 8015	Analyze For: BTEX,MTBE,NAP via 8021	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
B02-3	02/24/14	1453	1	X			X												X		X	X		X		
B02-4	02/24/14	1458	1	X			X												X		X	X		X		
B02-5	02/24/14	1502	1	X			X												X		X	X		X		
B02-6	02/24/14	1507	1	X			X												X		X	X		X		
B02-7	02/24/14	1510	1	X			X												X		X	X		X		
B02-8	02/24/14	1513	1	X			X												X		X	X		X		
B02-9	02/24/14	1517	1	X			X												X		X	X		X		
B03-1	02/25/14	938	1	X			X												X		X	X		X		
B03-2	02/25/14	944	1	X			X												X		X	X		X		
B03-3	02/25/14	950	1	X			X												X		X	X		X		

Loc: 490
47474

Special Instructions:

Page 2 of 4

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
Joshua L. Bernard	2/27/2014	800	TAN	2-28-14	8:45
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

Laboratory Comments:

Temperature Upon Receipt:

VOCs Free of Headspace? Y N

3/12/2014

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

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Enforcement Action? Yes No

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City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Joshua Bernard

Sampler Signature: Joshua L. Bernard

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: TPH-GRO via 8015	Analyze For: BTEX,MTBE,NAP via 8021	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
B03-4	02/25/14	956	1	X			X												X		X	X		X		
B03-5	02/25/14	1000	1	X			X												X		X	X		X		
B03-6	02/25/14	1002	1	X			X												X		X	X		X		
B03-7	02/25/14	1004	1	X			X												X		X	X		X		
B03-8	02/25/14	1010	1	X			X												X		X	X		X		
B03-9	02/25/14	1017	1	X			X												X		X	X		X		
B03-10	02/25/14	1110	1	X			X												X		X	X		X		
B04-7	02/25/14	1341	1	X			X												X		X	X		X		
B04-8	02/25/14	1344	1	X			X												X		X	X		X		
B04-9	02/25/14	1349	1	X			X												X		X	X		X		

Loc: 490
47474

Special Instructions:

Page 3 of 4

Method of Shipment: FEDEX

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Joshua L. Bernard	2/27/2014	800	TAN	2-28-14	8:15
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

3/12/2014

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED
Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

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Enforcement Action? Yes No

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Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Joshua Bernard

Sampler Signature: Joshua L. Bernard

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: TPH-GRO via 8015	Analyze For: BTEX,MTBE,NAP via 8021	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
B05-6	02/26/14	1045	1	X			X												X		X	X		X		
B05-7	02/26/14	1052	1	X			X												X		X	X		X		
B05-8	02/26/14	1100	1	X			X												X		X	X		X		
B06-7	02/26/14	1232	1	X			X												X		X	X		X		
B06-8	02/26/14	1315	1	X			X												X		X	X		X		
B06-9	02/26/14	1324	1	X			X												X		X	X		X		

Loc: 490
47474
#1
A

Special Instructions:

Page 4 of 4

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
Joshua L. Bernard	2/27/2014	800	TAN	2-28-14	8:15
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

Laboratory Comments:

Temperature Upon Receipt:

VOCs Free of Headspace? Y N

3/12/2014

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-47474-1
SDG Number: FMMD 1002

Login Number: 47474
List Number: 1
Creator: Abernathy, Eric

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-48459-1
TestAmerica Sample Delivery Group: FMMD1002
Client Project/Site: Meadows of Dan Food Market

For:
Greene Environmental Services LLC
200 Buckwheat Lane
Rocky Mount, Virginia 24151

Attn: Arthur T. Greene III

Heather Baker

Authorized for release by:
3/28/2014 11:50:07 AM
Heather Baker, Project Manager I
(615)301-5043
heather.baker@testamericainc.com

Designee for

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-48459-1	MW04	Ground Water	03/12/14 14:20	03/14/14 08:15
490-48459-2	MW05	Ground Water	03/12/14 13:53	03/14/14 08:15
490-48459-3	MW06	Ground Water	03/12/14 14:40	03/14/14 08:15
490-48459-4	DW07	Ground Water	03/12/14 15:40	03/14/14 08:15
490-48459-5	DW09	Ground Water	03/12/14 15:50	03/14/14 08:15
490-48459-6	DW18	Ground Water	03/12/14 13:40	03/14/14 08:15
490-48459-7	DW19	Ground Water	03/12/14 13:20	03/14/14 08:15

Job ID: 490-48459-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-48459-1

Comments
No additional comments.

Receipt
The samples were received on 3/14/2014 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.1º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
Method(s) 8021B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 149275. Laboratory control sample was performed in duplicate to provide precision data.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Client Sample ID: MW04

Lab Sample ID: 490-48459-1
Date Collected: 03/12/14 14:20
Matrix: Ground Water
Date Received: 03/14/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	3870		100	ug/L			03/20/14 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	100		50 - 150		03/20/14 23:16	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	483		10.0	ug/L			03/21/14 12:43	10
Ethylbenzene	30.4		1.00	ug/L			03/20/14 23:16	1
Methyl tert-butyl ether	1500		10.0	ug/L			03/21/14 12:43	10
Naphthalene	11.7		5.00	ug/L			03/20/14 23:16	1
Toluene	81.4		1.00	ug/L			03/20/14 23:16	1
Xylenes, Total	347		3.00	ug/L			03/20/14 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		50 - 150		03/20/14 23:16	1
a,a,a-Trifluorotoluene	79		50 - 150		03/21/14 12:43	10

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1220		89.3	ug/L		03/17/14 07:23	03/17/14 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	85		50 - 150	03/17/14 07:23	03/17/14 19:24	1

Client Sample ID: MW05

Lab Sample ID: 490-48459-2
Date Collected: 03/12/14 13:53
Matrix: Ground Water
Date Received: 03/14/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	4080		100	ug/L			03/20/14 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	96		50 - 150		03/20/14 23:50	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	501		10.0	ug/L			03/21/14 13:18	10
Ethylbenzene	81.9		1.00	ug/L			03/20/14 23:50	1
Methyl tert-butyl ether	1350		10.0	ug/L			03/21/14 13:18	10
Naphthalene	9.77		5.00	ug/L			03/20/14 23:50	1
Toluene	47.2		1.00	ug/L			03/20/14 23:50	1
Xylenes, Total	590		3.00	ug/L			03/20/14 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	88		50 - 150		03/20/14 23:50	1
a,a,a-Trifluorotoluene	80		50 - 150		03/21/14 13:18	10

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	607		89.3	ug/L		03/17/14 07:23	03/17/14 19:39	1

Client Sample ID: MW05

Lab Sample ID: 490-48459-2

Date Collected: 03/12/14 13:53
Matrix: Ground Water
Date Received: 03/14/14 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	91		50 - 150	03/17/14 07:23	03/17/14 19:39	1

Client Sample ID: MW06

Lab Sample ID: 490-48459-3

Date Collected: 03/12/14 14:40
Matrix: Ground Water
Date Received: 03/14/14 08:15

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	136		100	ug/L			03/21/14 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	85		50 - 150		03/21/14 00:24	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00	ug/L			03/21/14 11:35	1
Ethylbenzene	2.98		1.00	ug/L			03/21/14 11:35	1
Methyl tert-butyl ether	4.46		1.00	ug/L			03/21/14 11:35	1
Naphthalene	ND		5.00	ug/L			03/21/14 11:35	1
Toluene	3.18		1.00	ug/L			03/21/14 11:35	1
Xylenes, Total	18.7		3.00	ug/L			03/21/14 11:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	84		50 - 150		03/21/14 11:35	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	230		89.3	ug/L		03/17/14 07:23	03/17/14 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	94		50 - 150	03/17/14 07:23	03/17/14 19:54	1

Client Sample ID: DW07

Lab Sample ID: 490-48459-4

Date Collected: 03/12/14 15:40
Matrix: Ground Water
Date Received: 03/14/14 08:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			03/18/14 15:48	1
Benzene	ND		1.00	ug/L			03/18/14 15:48	1
Bromobenzene	ND		1.00	ug/L			03/18/14 15:48	1
Bromochloromethane	ND		1.00	ug/L			03/18/14 15:48	1
Bromodichloromethane	ND		1.00	ug/L			03/18/14 15:48	1
Bromoform	ND		1.00	ug/L			03/18/14 15:48	1
Bromomethane	ND		1.00	ug/L			03/18/14 15:48	1
2-Butanone (MEK)	ND		50.0	ug/L			03/18/14 15:48	1
Carbon disulfide	ND		1.00	ug/L			03/18/14 15:48	1
Carbon tetrachloride	ND		1.00	ug/L			03/18/14 15:48	1
Chlorobenzene	ND		1.00	ug/L			03/18/14 15:48	1
Chlorodibromomethane	ND		1.00	ug/L			03/18/14 15:48	1
Chloroethane	ND		1.00	ug/L			03/18/14 15:48	1
Chloroform	ND		1.00	ug/L			03/18/14 15:48	1

Client Sample ID: DW07

Date Collected: 03/12/14 15:40
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-4

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	ug/L			03/18/14 15:48	1
2-Chlorotoluene	ND		1.00	ug/L			03/18/14 15:48	1
4-Chlorotoluene	ND		1.00	ug/L			03/18/14 15:48	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 15:48	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 15:48	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			03/18/14 15:48	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			03/18/14 15:48	1
Dibromomethane	ND		1.00	ug/L			03/18/14 15:48	1
1,2-Dichlorobenzene	ND		1.00	ug/L			03/18/14 15:48	1
1,3-Dichlorobenzene	ND		1.00	ug/L			03/18/14 15:48	1
1,4-Dichlorobenzene	ND		1.00	ug/L			03/18/14 15:48	1
Dichlorodifluoromethane	ND		1.00	ug/L			03/18/14 15:48	1
1,1-Dichloroethane	ND		1.00	ug/L			03/18/14 15:48	1
1,2-Dichloroethane	ND		1.00	ug/L			03/18/14 15:48	1
1,1-Dichloroethene	ND		1.00	ug/L			03/18/14 15:48	1
1,2-Dichloropropane	ND		1.00	ug/L			03/18/14 15:48	1
1,3-Dichloropropane	ND		1.00	ug/L			03/18/14 15:48	1
2,2-Dichloropropane	ND		1.00	ug/L			03/18/14 15:48	1
1,1-Dichloropropene	ND		1.00	ug/L			03/18/14 15:48	1
Ethylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
Hexachlorobutadiene	ND		2.00	ug/L			03/18/14 15:48	1
2-Hexanone	ND		10.0	ug/L			03/18/14 15:48	1
Isopropylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
Methylene Chloride	ND		5.00	ug/L			03/18/14 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			03/18/14 15:48	1
Methyl tert-butyl ether	ND		1.00	ug/L			03/18/14 15:48	1
Naphthalene	ND		5.00	ug/L			03/18/14 15:48	1
n-Butylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
N-Propylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
p-Isopropyltoluene	ND		1.00	ug/L			03/18/14 15:48	1
sec-Butylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
Styrene	ND		1.00	ug/L			03/18/14 15:48	1
tert-Butylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 15:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 15:48	1
Tetrachloroethene	ND		1.00	ug/L			03/18/14 15:48	1
Toluene	ND		1.00	ug/L			03/18/14 15:48	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 15:48	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 15:48	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			03/18/14 15:48	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			03/18/14 15:48	1
1,1,1-Trichloroethane	ND		1.00	ug/L			03/18/14 15:48	1
1,1,2-Trichloroethane	ND		1.00	ug/L			03/18/14 15:48	1
Trichloroethene	ND		1.00	ug/L			03/18/14 15:48	1
Trichlorofluoromethane	ND		1.00	ug/L			03/18/14 15:48	1
1,2,3-Trichloropropane	ND		1.00	ug/L			03/18/14 15:48	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			03/18/14 15:48	1
Vinyl chloride	ND		1.00	ug/L			03/18/14 15:48	1

Client Sample ID: DW07

Date Collected: 03/12/14 15:40
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-4

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.00	ug/L			03/18/14 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/18/14 15:48*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/18/14 15:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*03/18/14 15:48*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/18/14 15:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Acenaphthylene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Anthracene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Benzo[a]anthracene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Benzo[a]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Benzo[b]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Benzo[g,h,i]perylene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Benzo[k]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Bis(2-chloroethoxy)methane	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Bis(2-chloroethyl)ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
bis (2-chloroisopropyl) ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Bis(2-ethylhexyl) phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
4-Bromophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Butyl benzyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Carbazole	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
4-Chloroaniline	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
4-Chloro-3-methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2-Chloronaphthalene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2-Chlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
4-Chlorophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Chrysene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Cresols	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Dibenz(a,h)anthracene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Dibenzofuran	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
1,2-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
1,3-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
1,4-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
3,3'-Dichlorobenzidine	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,4-Dichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Diethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,4-Dimethylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Dimethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Di-n-butyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
4,6-Dinitro-2-methylphenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,4-Dinitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,4-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,6-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Di-n-octyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Fluorene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1

Client Sample ID: DW07

Lab Sample ID: 490-48459-4

Date Collected: 03/12/14 15:40

Matrix: Ground Water

Date Received: 03/14/14 08:15

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Hexachlorobutadiene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Hexachlorocyclopentadiene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Hexachloroethane	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Indeno[1,2,3-cd]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Isophorone	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
1-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
2-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
2-Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
3 & 4 Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Naphthalene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
2-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
3-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
4-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
Nitrobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2-Nitrophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
4-Nitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
N-Nitrosodi-n-propylamine	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Pentachlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
Phenanthrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
Phenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
Pyrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:16	1
1,2,4-Trichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,4,5-Trichlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:16	1
2,4,6-Trichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*29 - 120*	*03/19/14 21:32*	*03/20/14 23:16*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 120*	*03/19/14 21:32*	*03/20/14 23:16*	*1*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*	*03/19/14 21:32*	*03/20/14 23:16*	*1*
Phenol-d5 (Surr)	*31*		*10 - 120*	*03/19/14 21:32*	*03/20/14 23:16*	*1*
Terphenyl-d14 (Surr)	*89*		*13 - 120*	*03/19/14 21:32*	*03/20/14 23:16*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*03/19/14 21:32*	*03/20/14 23:16*	*1*

Client Sample ID: DW09

Lab Sample ID: 490-48459-5

Date Collected: 03/12/14 15:50

Matrix: Ground Water

Date Received: 03/14/14 08:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			03/18/14 16:17	1
Benzene	ND		1.00	ug/L			03/18/14 16:17	1
Bromobenzene	ND		1.00	ug/L			03/18/14 16:17	1
Bromochloromethane	ND		1.00	ug/L			03/18/14 16:17	1
Bromodichloromethane	ND		1.00	ug/L			03/18/14 16:17	1
Bromoform	ND		1.00	ug/L			03/18/14 16:17	1
Bromomethane	ND		1.00	ug/L			03/18/14 16:17	1
2-Butanone (MEK)	ND		50.0	ug/L			03/18/14 16:17	1
Carbon disulfide	ND		1.00	ug/L			03/18/14 16:17	1

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Client Sample ID: DW09
Date Collected: 03/12/14 15:50
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-5
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.00	ug/L			03/18/14 16:17	1
Chlorobenzene	ND		1.00	ug/L			03/18/14 16:17	1
Chlorodibromomethane	ND		1.00	ug/L			03/18/14 16:17	1
Chloroethane	ND		1.00	ug/L			03/18/14 16:17	1
Chloroform	ND		1.00	ug/L			03/18/14 16:17	1
Chloromethane	ND		1.00	ug/L			03/18/14 16:17	1
2-Chlorotoluene	ND		1.00	ug/L			03/18/14 16:17	1
4-Chlorotoluene	ND		1.00	ug/L			03/18/14 16:17	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 16:17	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 16:17	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			03/18/14 16:17	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			03/18/14 16:17	1
Dibromomethane	ND		1.00	ug/L			03/18/14 16:17	1
1,2-Dichlorobenzene	ND		1.00	ug/L			03/18/14 16:17	1
1,3-Dichlorobenzene	ND		1.00	ug/L			03/18/14 16:17	1
1,4-Dichlorobenzene	ND		1.00	ug/L			03/18/14 16:17	1
Dichlorodifluoromethane	ND		1.00	ug/L			03/18/14 16:17	1
1,1-Dichloroethane	ND		1.00	ug/L			03/18/14 16:17	1
1,2-Dichloroethane	ND		1.00	ug/L			03/18/14 16:17	1
1,1-Dichloroethene	ND		1.00	ug/L			03/18/14 16:17	1
1,2-Dichloropropane	ND		1.00	ug/L			03/18/14 16:17	1
1,3-Dichloropropane	ND		1.00	ug/L			03/18/14 16:17	1
2,2-Dichloropropane	ND		1.00	ug/L			03/18/14 16:17	1
1,1-Dichloropropene	ND		1.00	ug/L			03/18/14 16:17	1
Ethylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
Hexachlorobutadiene	ND		2.00	ug/L			03/18/14 16:17	1
2-Hexanone	ND		10.0	ug/L			03/18/14 16:17	1
Isopropylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
Methylene Chloride	ND		5.00	ug/L			03/18/14 16:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			03/18/14 16:17	1
Methyl tert-butyl ether	ND		1.00	ug/L			03/18/14 16:17	1
Naphthalene	ND		5.00	ug/L			03/18/14 16:17	1
n-Butylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
N-Propylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
p-Isopropyltoluene	ND		1.00	ug/L			03/18/14 16:17	1
sec-Butylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
Styrene	ND		1.00	ug/L			03/18/14 16:17	1
tert-Butylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 16:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 16:17	1
Tetrachloroethene	ND		1.00	ug/L			03/18/14 16:17	1
Toluene	ND		1.00	ug/L			03/18/14 16:17	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 16:17	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 16:17	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			03/18/14 16:17	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			03/18/14 16:17	1
1,1,1-Trichloroethane	ND		1.00	ug/L			03/18/14 16:17	1
1,1,2-Trichloroethane	ND		1.00	ug/L			03/18/14 16:17	1
Trichloroethene	ND		1.00	ug/L			03/18/14 16:17	1

Client Sample ID: DW09

Date Collected: 03/12/14 15:50
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-5

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.00	ug/L			03/18/14 16:17	1
1,2,3-Trichloropropane	ND		1.00	ug/L			03/18/14 16:17	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			03/18/14 16:17	1
Vinyl chloride	ND		1.00	ug/L			03/18/14 16:17	1
Xylenes, Total	ND		3.00	ug/L			03/18/14 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/18/14 16:17*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/18/14 16:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*03/18/14 16:17*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/18/14 16:17*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Acenaphthylene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Anthracene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Benzo[a]anthracene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Benzo[a]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Benzo[b]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Benzo[g,h,i]perylene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Benzo[k]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Bis(2-chloroethoxy)methane	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Bis(2-chloroethyl)ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
bis (2-chloroisopropyl) ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Bis(2-ethylhexyl) phthalate	**21.0**		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
4-Bromophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Butyl benzyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Carbazole	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
4-Chloroaniline	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
4-Chloro-3-methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2-Chloronaphthalene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2-Chlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
4-Chlorophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Chrysene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Cresols	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Dibenz(a,h)anthracene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Dibenzofuran	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
1,2-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
1,3-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
1,4-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
3,3'-Dichlorobenzidine	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2,4-Dichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Diethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2,4-Dimethylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Dimethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Di-n-butyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
4,6-Dinitro-2-methylphenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
2,4-Dinitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1

Client Sample ID: DW09

Lab Sample ID: 490-48459-5
Date Collected: 03/12/14 15:50
Matrix: Ground Water
Date Received: 03/14/14 08:15

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2,6-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Di-n-octyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Fluorene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Hexachlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Hexachlorobutadiene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Hexachlorocyclopentadiene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Hexachloroethane	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Indeno[1,2,3-cd]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Isophorone	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
1-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
2-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
2-Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
3 & 4 Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Naphthalene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
2-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
3-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
4-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
Nitrobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2-Nitrophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
4-Nitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
N-Nitrosodi-n-propylamine	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Pentachlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
Phenanthrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
Phenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
Pyrene	ND		1.79	ug/L		03/19/14 21:32	03/20/14 23:38	1
1,2,4-Trichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1
2,4,5-Trichlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/20/14 23:38	1
2,4,6-Trichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/20/14 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*29 - 120*	*03/19/14 21:32*	*03/20/14 23:38*	*1*
2-Fluorophenol (Surr)	*47*		*10 - 120*	*03/19/14 21:32*	*03/20/14 23:38*	*1*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*	*03/19/14 21:32*	*03/20/14 23:38*	*1*
Phenol-d5 (Surr)	*30*		*10 - 120*	*03/19/14 21:32*	*03/20/14 23:38*	*1*
Terphenyl-d14 (Surr)	*88*		*13 - 120*	*03/19/14 21:32*	*03/20/14 23:38*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 120*	*03/19/14 21:32*	*03/20/14 23:38*	*1*

Client Sample ID: DW18

Lab Sample ID: 490-48459-6
Date Collected: 03/12/14 13:40
Matrix: Ground Water
Date Received: 03/14/14 08:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			03/18/14 16:45	1
Benzene	ND		1.00	ug/L			03/18/14 16:45	1
Bromobenzene	ND		1.00	ug/L			03/18/14 16:45	1
Bromochloromethane	ND		1.00	ug/L			03/18/14 16:45	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Client Sample ID: DW18

Date Collected: 03/12/14 13:40
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-6

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.00	ug/L			03/18/14 16:45	1
Bromoform	ND		1.00	ug/L			03/18/14 16:45	1
Bromomethane	ND		1.00	ug/L			03/18/14 16:45	1
2-Butanone (MEK)	ND		50.0	ug/L			03/18/14 16:45	1
Carbon disulfide	ND		1.00	ug/L			03/18/14 16:45	1
Carbon tetrachloride	ND		1.00	ug/L			03/18/14 16:45	1
Chlorobenzene	ND		1.00	ug/L			03/18/14 16:45	1
Chlorodibromomethane	ND		1.00	ug/L			03/18/14 16:45	1
Chloroethane	ND		1.00	ug/L			03/18/14 16:45	1
Chloroform	ND		1.00	ug/L			03/18/14 16:45	1
Chloromethane	ND		1.00	ug/L			03/18/14 16:45	1
2-Chlorotoluene	ND		1.00	ug/L			03/18/14 16:45	1
4-Chlorotoluene	ND		1.00	ug/L			03/18/14 16:45	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 16:45	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 16:45	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			03/18/14 16:45	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			03/18/14 16:45	1
Dibromomethane	ND		1.00	ug/L			03/18/14 16:45	1
1,2-Dichlorobenzene	ND		1.00	ug/L			03/18/14 16:45	1
1,3-Dichlorobenzene	ND		1.00	ug/L			03/18/14 16:45	1
1,4-Dichlorobenzene	ND		1.00	ug/L			03/18/14 16:45	1
Dichlorodifluoromethane	ND		1.00	ug/L			03/18/14 16:45	1
1,1-Dichloroethane	ND		1.00	ug/L			03/18/14 16:45	1
1,2-Dichloroethane	ND		1.00	ug/L			03/18/14 16:45	1
1,1-Dichloroethene	ND		1.00	ug/L			03/18/14 16:45	1
1,2-Dichloropropane	ND		1.00	ug/L			03/18/14 16:45	1
1,3-Dichloropropane	ND		1.00	ug/L			03/18/14 16:45	1
2,2-Dichloropropane	ND		1.00	ug/L			03/18/14 16:45	1
1,1-Dichloropropene	ND		1.00	ug/L			03/18/14 16:45	1
Ethylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
Hexachlorobutadiene	ND		2.00	ug/L			03/18/14 16:45	1
2-Hexanone	ND		10.0	ug/L			03/18/14 16:45	1
Isopropylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
Methylene Chloride	ND		5.00	ug/L			03/18/14 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			03/18/14 16:45	1
Methyl tert-butyl ether	ND		1.00	ug/L			03/18/14 16:45	1
Naphthalene	ND		5.00	ug/L			03/18/14 16:45	1
n-Butylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
N-Propylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
p-Isopropyltoluene	ND		1.00	ug/L			03/18/14 16:45	1
sec-Butylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
Styrene	ND		1.00	ug/L			03/18/14 16:45	1
tert-Butylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 16:45	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 16:45	1
Tetrachloroethene	ND		1.00	ug/L			03/18/14 16:45	1
Toluene	ND		1.00	ug/L			03/18/14 16:45	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 16:45	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 16:45	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Client Sample ID: DW18

Date Collected: 03/12/14 13:40
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-6

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		1.00	ug/L			03/18/14 16:45	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			03/18/14 16:45	1
1,1,1-Trichloroethane	ND		1.00	ug/L			03/18/14 16:45	1
1,1,2-Trichloroethane	ND		1.00	ug/L			03/18/14 16:45	1
Trichloroethene	ND		1.00	ug/L			03/18/14 16:45	1
Trichlorofluoromethane	ND		1.00	ug/L			03/18/14 16:45	1
1,2,3-Trichloropropane	ND		1.00	ug/L			03/18/14 16:45	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			03/18/14 16:45	1
Vinyl chloride	ND		1.00	ug/L			03/18/14 16:45	1
Xylenes, Total	ND		3.00	ug/L			03/18/14 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*03/18/14 16:45*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/18/14 16:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*03/18/14 16:45*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/18/14 16:45*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Acenaphthylene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Anthracene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Benzo[a]anthracene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Benzo[a]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Benzo[b]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Benzo[g,h,i]perylene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Benzo[k]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Bis(2-chloroethoxy)methane	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Bis(2-chloroethyl)ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
bis (2-chloroisopropyl) ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Bis(2-ethylhexyl) phthalate	**26.1**		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
4-Bromophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Butyl benzyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Carbazole	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
4-Chloroaniline	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
4-Chloro-3-methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
2-Chloronaphthalene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
2-Chlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
4-Chlorophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Chrysene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Cresols	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Dibenz(a,h)anthracene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Dibenzofuran	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
1,2-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
1,3-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
1,4-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
3,3'-Dichlorobenzidine	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
2,4-Dichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Diethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1

Client Sample ID: DW18

Date Collected: 03/12/14 13:40
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-6

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Dimethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Di-n-butyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
4,6-Dinitro-2-methylphenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
2,4-Dinitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
2,4-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
2,6-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Di-n-octyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Fluorene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Hexachlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Hexachlorobutadiene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Hexachlorocyclopentadiene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Hexachloroethane	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Indeno[1,2,3-cd]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Isophorone	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
1-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
2-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
2-Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
3 & 4 Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Naphthalene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
2-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
3-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
4-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
Nitrobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
2-Nitrophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
4-Nitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
N-Nitrosodi-n-propylamine	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Pentachlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
Phenanthrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
Phenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
Pyrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:01	1
1,2,4-Trichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1
2,4,5-Trichlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:01	1
2,4,6-Trichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*29 - 120*	*03/19/14 21:32*	*03/21/14 00:01*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 120*	*03/19/14 21:32*	*03/21/14 00:01*	*1*
Nitrobenzene-d5 (Surr)	*95*		*27 - 120*	*03/19/14 21:32*	*03/21/14 00:01*	*1*
Phenol-d5 (Surr)	*34*		*10 - 120*	*03/19/14 21:32*	*03/21/14 00:01*	*1*
Terphenyl-d14 (Surr)	*107*		*13 - 120*	*03/19/14 21:32*	*03/21/14 00:01*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*	*03/19/14 21:32*	*03/21/14 00:01*	*1*

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Client Sample ID: DW19

Date Collected: 03/12/14 13:20
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-7

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	ug/L			03/18/14 17:13	1
Benzene	ND		1.00	ug/L			03/18/14 17:13	1
Bromobenzene	ND		1.00	ug/L			03/18/14 17:13	1
Bromochloromethane	ND		1.00	ug/L			03/18/14 17:13	1
Bromodichloromethane	ND		1.00	ug/L			03/18/14 17:13	1
Bromoform	ND		1.00	ug/L			03/18/14 17:13	1
Bromomethane	ND		1.00	ug/L			03/18/14 17:13	1
2-Butanone (MEK)	ND		50.0	ug/L			03/18/14 17:13	1
Carbon disulfide	ND		1.00	ug/L			03/18/14 17:13	1
Carbon tetrachloride	ND		1.00	ug/L			03/18/14 17:13	1
Chlorobenzene	ND		1.00	ug/L			03/18/14 17:13	1
Chlorodibromomethane	ND		1.00	ug/L			03/18/14 17:13	1
Chloroethane	ND		1.00	ug/L			03/18/14 17:13	1
Chloroform	ND		1.00	ug/L			03/18/14 17:13	1
Chloromethane	ND		1.00	ug/L			03/18/14 17:13	1
2-Chlorotoluene	ND		1.00	ug/L			03/18/14 17:13	1
4-Chlorotoluene	ND		1.00	ug/L			03/18/14 17:13	1
cis-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 17:13	1
cis-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 17:13	1
1,2-Dibromo-3-Chloropropane	ND		10.0	ug/L			03/18/14 17:13	1
1,2-Dibromoethane (EDB)	ND		1.00	ug/L			03/18/14 17:13	1
Dibromomethane	ND		1.00	ug/L			03/18/14 17:13	1
1,2-Dichlorobenzene	ND		1.00	ug/L			03/18/14 17:13	1
1,3-Dichlorobenzene	ND		1.00	ug/L			03/18/14 17:13	1
1,4-Dichlorobenzene	ND		1.00	ug/L			03/18/14 17:13	1
Dichlorodifluoromethane	ND		1.00	ug/L			03/18/14 17:13	1
1,1-Dichloroethane	ND		1.00	ug/L			03/18/14 17:13	1
1,2-Dichloroethane	ND		1.00	ug/L			03/18/14 17:13	1
1,1-Dichloroethene	ND		1.00	ug/L			03/18/14 17:13	1
1,2-Dichloropropane	ND		1.00	ug/L			03/18/14 17:13	1
1,3-Dichloropropane	ND		1.00	ug/L			03/18/14 17:13	1
2,2-Dichloropropane	ND		1.00	ug/L			03/18/14 17:13	1
1,1-Dichloropropene	ND		1.00	ug/L			03/18/14 17:13	1
Ethylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
Hexachlorobutadiene	ND		2.00	ug/L			03/18/14 17:13	1
2-Hexanone	ND		10.0	ug/L			03/18/14 17:13	1
Isopropylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
Methylene Chloride	ND		5.00	ug/L			03/18/14 17:13	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	ug/L			03/18/14 17:13	1
Methyl tert-butyl ether	ND		1.00	ug/L			03/18/14 17:13	1
Naphthalene	ND		5.00	ug/L			03/18/14 17:13	1
n-Butylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
N-Propylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
p-Isopropyltoluene	ND		1.00	ug/L			03/18/14 17:13	1
sec-Butylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
Styrene	ND		1.00	ug/L			03/18/14 17:13	1
tert-Butylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 17:13	1
1,1,2,2-Tetrachloroethane	ND		1.00	ug/L			03/18/14 17:13	1

Client Sample ID: DW19

Date Collected: 03/12/14 13:20
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-7

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	ug/L			03/18/14 17:13	1
Toluene	ND		1.00	ug/L			03/18/14 17:13	1
trans-1,2-Dichloroethene	ND		1.00	ug/L			03/18/14 17:13	1
trans-1,3-Dichloropropene	ND		1.00	ug/L			03/18/14 17:13	1
1,2,3-Trichlorobenzene	ND		1.00	ug/L			03/18/14 17:13	1
1,2,4-Trichlorobenzene	ND		1.00	ug/L			03/18/14 17:13	1
1,1,1-Trichloroethane	ND		1.00	ug/L			03/18/14 17:13	1
1,1,2-Trichloroethane	ND		1.00	ug/L			03/18/14 17:13	1
Trichloroethene	ND		1.00	ug/L			03/18/14 17:13	1
Trichlorofluoromethane	ND		1.00	ug/L			03/18/14 17:13	1
1,2,3-Trichloropropane	ND		1.00	ug/L			03/18/14 17:13	1
1,2,4-Trimethylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
1,3,5-Trimethylbenzene	ND		1.00	ug/L			03/18/14 17:13	1
Vinyl chloride	ND		1.00	ug/L			03/18/14 17:13	1
Xylenes, Total	ND		3.00	ug/L			03/18/14 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*03/18/14 17:13*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/18/14 17:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*03/18/14 17:13*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/18/14 17:13*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Acenaphthylene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Anthracene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Benzo[a]anthracene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Benzo[a]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Benzo[b]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Benzo[g,h,i]perylene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Benzo[k]fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Bis(2-chloroethoxy)methane	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Bis(2-chloroethyl)ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
bis (2-chloroisopropyl) ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Bis(2-ethylhexyl) phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
4-Bromophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Butyl benzyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Carbazole	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
4-Chloroaniline	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
4-Chloro-3-methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2-Chloronaphthalene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2-Chlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
4-Chlorophenyl phenyl ether	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Chrysene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Cresols	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Dibenz(a,h)anthracene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Dibenzofuran	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
1,2-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
1,3-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1

Client Sample Results

Client: Greene Environmental Services LLC
Project/Site: Meadows of Dan Food Market

TestAmerica Job ID: 490-48459-1
SDG: FMMD1002

Client Sample ID: DW19

Date Collected: 03/12/14 13:20
Date Received: 03/14/14 08:15

Lab Sample ID: 490-48459-7

Matrix: Ground Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
3,3'-Dichlorobenzidine	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,4-Dichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Diethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,4-Dimethylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Dimethyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Di-n-butyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
4,6-Dinitro-2-methylphenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,4-Dinitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,4-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,6-Dinitrotoluene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Di-n-octyl phthalate	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Fluoranthene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Fluorene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Hexachlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Hexachlorobutadiene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Hexachlorocyclopentadiene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Hexachloroethane	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Indeno[1,2,3-cd]pyrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Isophorone	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
1-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
2-Methylnaphthalene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
2-Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
3 & 4 Methylphenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Naphthalene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
2-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
3-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
4-Nitroaniline	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
Nitrobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2-Nitrophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
4-Nitrophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
N-Nitrosodi-n-propylamine	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Pentachlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
Phenanthrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
Phenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
Pyrene	ND		1.79	ug/L		03/19/14 21:32	03/21/14 00:23	1
1,2,4-Trichlorobenzene	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,4,5-Trichlorophenol	ND		22.3	ug/L		03/19/14 21:32	03/21/14 00:23	1
2,4,6-Trichlorophenol	ND		8.93	ug/L		03/19/14 21:32	03/21/14 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*03/19/14 21:32*	*03/21/14 00:23*	*1*
2-Fluorophenol (Surr)	*50*		*10 - 120*	*03/19/14 21:32*	*03/21/14 00:23*	*1*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*	*03/19/14 21:32*	*03/21/14 00:23*	*1*
Phenol-d5 (Surr)	*30*		*10 - 120*	*03/19/14 21:32*	*03/21/14 00:23*	*1*
Terphenyl-d14 (Surr)	*95*		*13 - 120*	*03/19/14 21:32*	*03/21/14 00:23*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*03/19/14 21:32*	*03/21/14 00:23*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-48459 Chain of Custody

Cooler Received/Opened On: 3/14/2014 @0815

1. Tracking # 4251 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID: 96210146

2. Temperature of rep. sample or temp blank when opened: 0.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..NA

4. Were custody seals on outside of cooler? YES..NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) [illegible]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES..NO...NA

12. Did all container labels and tags agree with custody papers? YES..NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES..NO..NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AJH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) AJH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES..NO...NA

19. Were correct containers used for the analysis requested? YES..NO...NA

20. Was sufficient amount of sample sent in each container? YES..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) AJH

I certify that I attached a label with the unique LIMS number to each container (intial) AJH

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Client Name/Account #: Greene Environmental Services 13986

Address: 200 Buckwheat Lane

City/State/Zip: Rocky Mount, VA 24151

Project Manager: Trev Greene

Telephone Number: 540-483-3311 **Fax No.:**

Sampler Name: (Print) Joshua Bernard

Sampler Signature: Joshua L. Bernard

Report To: Trev Greene

P.O. #

TA Quote #:

Project ID: Meadows of Dan Food Market

Project #: FMMD1002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass(Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify): Surface Water	Analyze For: VOCs via 8260B	Analyze For: SVOCs via 8270C	Analyze For: TPH-DRO via 8015B	Analyze For: TPH-GRO via 8015B	Analyze For: BTEX/MTBE/Nap	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
MW04	03/12/14	1420	5	X			X		X						X								X	X	X			X	
MW05	03/12/14	1353	5	X			X		X						X								X	X	X			X	
MW06	03/12/14	1440	5	X			X		X						X								X	X	X			X	
DW07	03/12/14	1540	5	X			X		X						X						X	X						X	
DW09	03/12/14	1550	5	X			X		X						X						X	X						X	
DW18	03/12/14	1340	5	X			X		X						X						X	X						X	
DW19	03/12/14	1320	5	X			X		X						X						X	X						X	

Loc: 490
48459

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
Joshua L. Bernard	3/13/2014	828	Adlerer Murbey	3/14/14	8:15
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**

Laboratory Comments:

Temperature Upon Receipt: 0.1

VOCs Free of Headspace? Y N

Login Sample Receipt Checklist

Client: Greene Environmental Services LLC

Job Number: 490-48459-1
SDG Number: FMMD1002

Login Number: 48459
List Number: 1
Creator: Huskey, Adam

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

Aquifer Characterization

Super Slug™ Pump-Down Tests

Rising Head Slug Test

Site Name:	Meadows of Dan Food Mart
Location:	Meadows of Dan, VA
Test Date:	March 12, 2014
Client:	T&M, M of D, LLC
Project Number:	FMMD1002
Import File:	C:\Users\Adam\Documents\Greene Environmental\Meadows of Dan Food Market\FM

Well Label:	MW05
Aquifer Thickness:	16.69 feet
Screen Length:	25. feet
Casing Radius:	8.33e-002 feet
Effective Radius:	0.2865 feet
Gravel Pack Porosity:	30. %
Corrected Casing Radius:	0.1717 feet
Static Water Level:	31.31 feet
Water Table to Screen Bottom:	13.94 feet
Anisotropy Ratio:	1.
Time Adjustment:	0. Seconds

Test starts with trial 0
There are 23 time and drawdown measurements
Maximum head is 9.79 feet
Minimum head is 0. feet

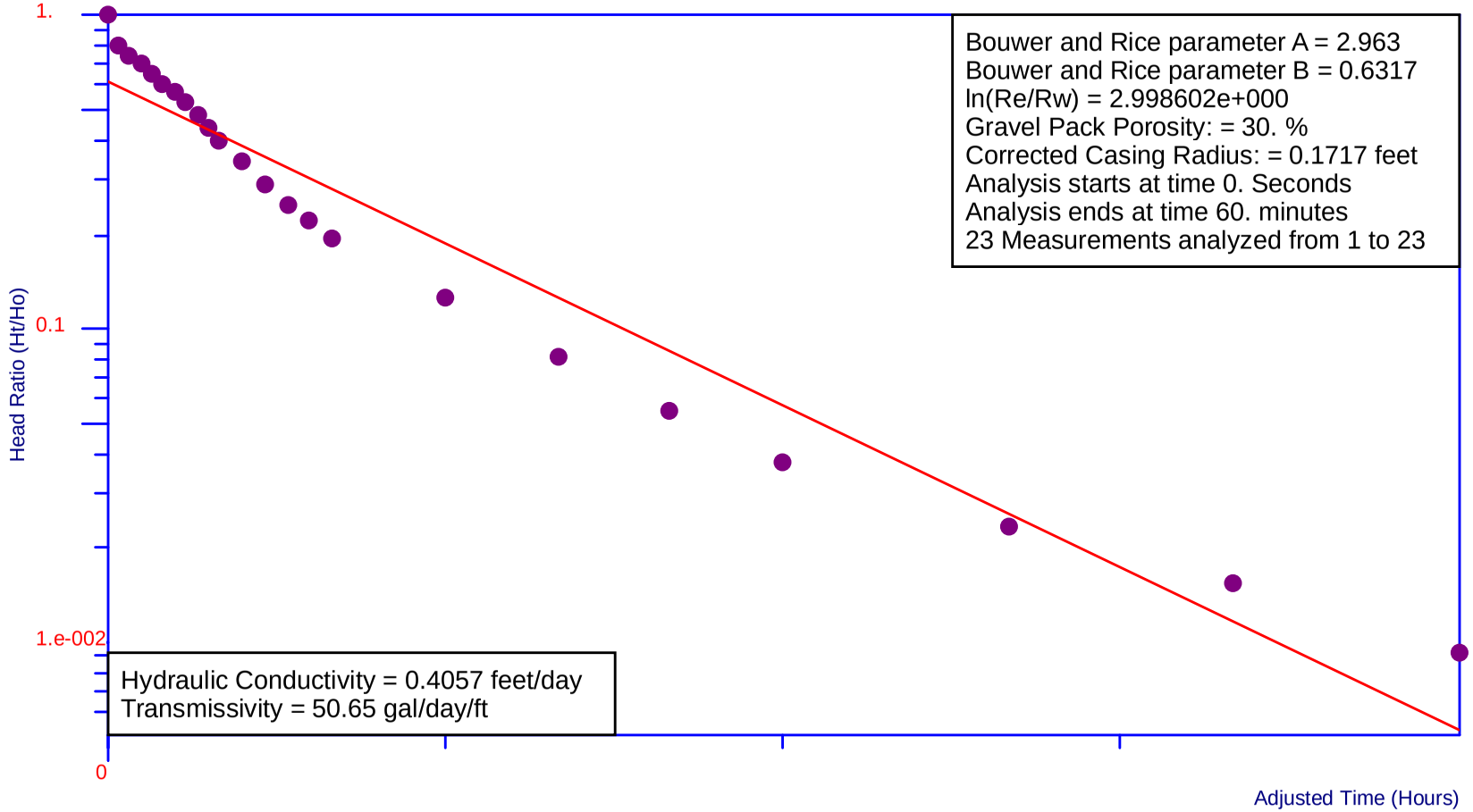
Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (feet)	Head (feet)	Head Ratio
1	0.	0.	41.1	9.79	1.
2	0.5	0.5	39.15	7.84	0.8008
3	1.	1.	38.62	7.31	0.7467
4	1.5	1.5	38.2	6.89	0.7038
5	2.	2.	37.74	6.43	0.6568
6	2.5	2.5	37.26	5.95	0.6078
7	3.	3.	36.86	5.55	0.5669
8	3.5	3.5	36.48	5.17	0.5281
9	4.	4.	36.01	4.7	0.4801
10	4.5	4.5	35.62	4.31	0.4402
11	5.	5.	35.24	3.93	0.4014
12	6.	6.	34.64	3.33	0.3401
13	7.	7.	34.16	2.85	0.2911
14	8.	8.	33.75	2.44	0.2492
15	9.	9.	33.48	2.17	0.2217
16	10.	10.	33.23	1.92	0.1961
17	15.	15.	32.54	1.23	0.1256
18	20.	20.	32.11	0.8	8.172e-002
19	25.	25.	31.85	0.54	5.516e-002
20	30.	30.	31.68	0.37	3.779e-002
21	40.	40.	31.54	0.23	2.349e-002
22	50.	50.	31.46	0.15	1.532e-002
23	60.	60.	31.4	9.e-002	9.193e-003

Rising Head Slug Test March 12, 2014

Bouwer and Rice Graph

Meadows of Dan Food Mart Meadows of Dan, VA

MW05



Ho is 9.79 feet at 0. Seconds

Project Number: FMMD1002 for T&M, M of D, LLC

Analysis by Starpoint Software

APPENDIX E

Soil Disposal Documentation

Non-Hazardous Materials Manifest – EVO Corporation
Certificate of Disposal – EVO Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # 1 Manifest No. 79256

GENERATOR INFORMATION

Generator: T&M, M of D, LLC Phone: 540-381-5177
Site Address: 2609 Jeb Stuart Hwy
City/State: Meadows of Dan, VA Contact: Audra Weddle

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Soil
Empty Weight (lbs): Contaminant: Gasoline
Net Weight (lbs):

Quantity 17 Tons Drums Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 401 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 2/27/14

FACILITY INFORMATION

Evo Project #: 021442

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 2-27-14

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 17 drums of non-hazardous contaminated material received on 02/27/2014 from:

Generator: T&M, M of D, LLC

Originating at: 2609 Jeb Stuart Hwy.
Meadows of Dan, VA

EC Waste ID #: 021442

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

APPENDIX F

Liquid Disposal Documentation

Non-Hazardous Materials Manifest – EVO Corporation
Certificate of Disposal – EVO Corporation
Bill of Lading – Environmental Options, Inc.

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 79257

GENERATOR INFORMATION

Generator: T&M, M of D, LLC Phone: 540-381-5177
Site Address: 2609 Jeb Stuart Hwy
City/State: Meadows of Dan, VA Contact: Audra Weddle

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Wastewater
Empty Weight (lbs): Contaminant: Gasoline
Net Weight (lbs):

Quantity 285 Tons Drums Pails Sacs Yards Other ~~402~~ 691

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 2/27/14

FACILITY INFORMATION

Evo Project #: 021442

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 02-27-2014

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 285 gallons of non-hazardous contaminated water received on 02/27/2014 from:

Generator: T&M, M of D, LLC

Originating at: 2609 Jeb Stuart Hwy.
Meadows of Dan, VA

EC Waste ID #: 021442

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 73121

GENERATOR INFORMATION

Generator: T&M, M of D, LLC Phone: 540-381-5177
Site Address: 2609 Jeb Stuart Hwy
City/State: Meadows of Dan, VA Contact: Andra Weddle

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Wastewater
Empty Weight (lbs): Contaminant: Gasoline
Net Weight (lbs):

Quantity 300 Tons Drums Pails Sacs Yards Other: Gal

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 3/10/14

FACILITY INFORMATION

Evo Project #: 021442

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 03-10-2014

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 300 gallons of non-hazardous contaminated water received on 03/10/2014 from:

Generator: T&M, M of D, LLC

Originating at: 2609 Jeb Stuart Hwy.
Meadows of Dan, VA

EC Waste ID #: 021442

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 73158

GENERATOR INFORMATION

Generator: T&M, M of D, LLC Phone: 540-381-5177
Site Address: 2609 Jeb Stuart Hwy
City/State: Meadows of Dan, VA Contact: Audra Weddle

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Wastewater
Empty Weight (lbs): Contaminant: Gasoline
Net Weight (lbs):

Quantity 175 Tons Drums Pails Sacs Yards Other: Sol

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 3/14/14

FACILITY INFORMATION

Evo Project #: 021442

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Amanda Lyon Date: 3/14/14

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 175 gallons of non-hazardous contaminated water received on 03/14/2014 from:

Generator: T&M, M of D, LLC

Originating at: 2609 Jeb Stuart Hwy.
Meadows of Dan, VA

EC Waste ID #: 021442

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

This Shipping Order Must be legibly filled in, in Ink Indelible Pencil, or in Carbon, and retained by the agent

D187148

Shipper No. _____

Carrier No. _____

Page 1 of 1

Environmental Options Inc
(Name of carrier) (SCAC)

Date 3/19/14

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO:
Consignee Environmental Options
Street PO Box 879
City Rocky Mount State VA Zip Code 24151

FROM:
Shipper FMMD1002 (Greene Env)
Street 2609 Jeb Stuart Hwy
City Meadows of DAN State VA Zip Code 24120

24 hr. Emergency Contact Tel. No. _____

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
TT		UN 1203, Gasoline (For Recycle) 3 II RQ	248	6		

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

PER

CARRIER Environmental Options

PER

DATE 3/19/14

2

Permanent post-office address of shipper.

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 73177

GENERATOR INFORMATION

Generator: T&M, M of D, LLC Phone: 540-381-5177
Site Address: 2609 Jeb Stuart Hwy
City/State: Meadows of Dan, VA Contact: Audra Weddle

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Wastewater
Empty Weight (lbs): Contaminant: Gasoline
Net Weight (lbs):

Quantity 400 Tons Drums Pails Sacs Yards Other Gal

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 3/28/14

FACILITY INFORMATION

Evo Project #: 021442

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Amanda Lyon Date: 3/28/14

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 400 gallons of non-hazardous contaminated water received on 03/28/2014 from:

Generator: T&M, M of D, LLC

Originating at: 2609 Jeb Stuart Hwy.
Meadows of Dan, VA

EC Waste ID #: 021442

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 79334

GENERATOR INFORMATION

Generator: T&M, M of D, LLC Phone: 540-381-5177
Site Address: 2609 Jeb Stuart Hwy
City/State: Meadows of Dan, VA Contact: Audra Weddle

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Wastewater
Empty Weight (lbs): Contaminant: Gasoline
Net Weight (lbs):

Quantity 375 Tons Drums Pails Sacs Yards Other: Gal

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 4/7/14

FACILITY INFORMATION

Evo Project #: 021442

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Amanda Tyson Date: 4/7/14

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 375 gallons of non-hazardous contaminated water received on 04/07/2014 from:

Generator: T&M, M of D, LLC

Originating at: 2609 Jeb Stuart Hwy.
Meadows of Dan, VA

EC Waste ID #: 021442

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

APPENDIX G

Associated Documents

VA DEQ Letter Dated January 6, 2014
VDOT Land Use Permit

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Blue Ridge Regional Office

www.deq.virginia.gov

Doug W. Domenech
Secretary of Natural Resources

David K. Paylor
Director

Robert J. Weld
Regional Director

Lynchburg Office
7705 Timberlake Road
Lynchburg, Virginia 24502
(434) 582-5120
Fax (434) 582-5125

Roanoke Office
3019 Peters Creek Road
Roanoke, Virginia 24019
(540) 562-6700
Fax (540) 562-6725

January 6, 2014

Ms. Audra Weddle
2500 Morans Point
Pulaski, Virginia 24301

RE: Petroleum Release Investigation, Meadows of Dan Food Market, 2609 Jeb Stuart Highway, Meadow of Dan, Patrick County, Virginia, PC 2014-2256

Dear Ms. Weddle:

The Department of Environmental Quality (DEQ) received notification on December 30, 2013, regarding discharge of oil at the referenced site. State Water Control Law prohibits the discharge of oil which enters, or may reasonably be expected to enter into or upon state waters, lands, or storm drain systems within the Commonwealth and imposes liability for damages and cleanup costs upon: (1) the person discharging or causing or permitting a discharge or a substantial threat of discharge; and (2) the operator of any facility from which a discharge has occurred or from which there is a substantial threat of discharge.

Based on the information provided to DEQ, it appears that you are the operator of a facility from which there has been a discharge of oil into or upon state waters, lands, or storm drain systems within the Commonwealth State Water Control Law (Article 9, 10 and 11 of the Virginia Code, Section 62.1 - 44:34:8 through: 23, inclusive) authorizes the State Water Control Board (the Board), acting through DEQ, to require any owner or operator who is the responsible person for a petroleum release to undertake corrective action for any such release. Based on the facts available to us, Meadows of Dan Food Market is the responsible party.

The first steps required for corrective action include:

1. taking any necessary initial abatement measures to mitigate the effects of the release (eliminate the source, remove free-phase petroleum contamination, remove limited quantities of petroleum saturated soils, and eliminate any immediate safety and environmental hazards) and submitted an Initial Abatement Measures Report to this office by **February 10, 2014**. A list of elements usually required in an Initial Abatement Measures Report is presented in a fact sheet available at: http://www.deq.virginia.gov/Portals/0/DEQ/Land/Tanks/012024dappendices.pdf
2. conducting an investigation of the source, extent and risk posed by the release, and
3. submitting a Site Characterization Report (SCR), and, if necessary, A Free Product Removal Report, to this office by **April 10, 2014**. A list of elements usually required in an SCR Report is presented in a fact sheet available at: http://www.deq.virginia.gov/Portals/0/DEQ/Land/Tanks/012024dappendices.pdf

The Virginia Petroleum Storage Tank Fund (VPSTF), also administered by the DEQ on behalf of the Board, may be available to reimburse you for some of the costs to investigate and clean up the release(Fact Sheet available at http://www.deq.virginia.gov/Portals/0/DEQ/Land/Tanks/012024dappendices.pdf). . Please note the prior approval of site work is required if you plan to seek reimbursement from the fund. You may request prior approval by submitting an Activity Authorization Form (AAF) to this office before you start investigation and clean-up activities.

You are not required to obtain pre-approval for conducting activities needed to abate immediate hazards; however, it is recommended that you contact this office as soon as possible should and emergency situation occur. Any activities performed more than 24 hours before the date this discharge was reported are ineligible for reimbursement.

Please refer to the fact sheets for more information on Confirmed Releases, the Activity Authorization Package, VPSTF Reimbursement and other program requirements for petroleum storage tanks. The Reimbursement Manual and other materials are also available from our website at http://www.deq.state.va.us/tanks.

Owners and operators who have insurance coverage for the costs of cleaning up a petroleum discharge will not have access to the VPSTF for reimbursement for any costs covered by the policy. Some homeowner's insurance policies cover some of the costs associated with a heating oil discharge. You are responsible for contacting your insurance company to determine if coverage exists, and, if applicable, making a timely claim on your insurance policy in the event of a petroleum discharge.

In order to initiate the investigation and reimbursement processes, you must submit an Activity Authorization Package to this office by **February 10, 2014**. The Activity Authorization Package should include: (1) the completed AAF; (2) a sketch of the site; and (3) a copy of a topographic map indicating the site location. Early submittal of the Activity Authorization Package will assure sufficient time to complete the site work and prepare the SCR. Unless an emergency situation exists at the site, you should not proceed with environmental site assessment work until the AAF has been approved by this office.

DEQ recommends that persons who are not familiar with the Virginia's environmental corrective action procedures consider hiring an environmental consultant. The consultant you select should demonstrate knowledge of Virginia's technical and administrative requirements under this program, experience with situations similar to yours; and justification of their proposed costs.

After we have received and reviewed your SCR, we may: (1) close this case, (2) request additional information, (3) require periodic monitoring of site conditions, or (4) require submittal of a Corrective Action Plan for cleanup.

If you choose not to perform the required corrective action, the Board may elect to initiate either administrative or judicial enforcement proceedings against you. In any administrative proceeding your rights under Code § 2.2-4019 include notice and a chance to appear in person or by a representative to present factual data, argument, and proof in connection with this matter. During this proceeding you may dispute the Department's allegation that you are the operator of a facility from which a discharge has occurred.

This letter is intended to provide information to assist you in evaluating your compliance obligations and is not intended to be a case decision under the Administrative Process Act. In the event that discussions with staff do not lead to a satisfactory resolution of the contents of this letter, you may elect to participate in DEQ's Process for Early Dispute Resolution. For information on the Process for Early Dispute Resolution, please visit the "Laws & Regulations", then the "DEQ Regulations" portion of our website for: http://www.deq.state.va.us/regulations/pdf/Process_for_Early_Dispute_Resolution_8260532.pdf.

This office will assist you in completing a rapid and effective release investigation. We do request that all correspondence submitted for this site, contain the tracking number PC 2014-2256 referenced above. If you have any questions, please feel free to call me at (540) 562-6796.

Sincerely,

Douglas B. Carl
Remediation Specialist

Referenced Documents (also available upon request):

007 AAF: http://www.deq.virginia.gov/Portals/0/DEQ/Land/Tanks/007aafs.zip
Virginia Petroleum Storage Tank Fund (VPSTF) Fact Sheets:
http://www.deq.virginia.gov/Portals/0/DEQ/Land/Tanks/012024dappendices.pdf

Cc: File (PC 2014-2256)
Trev Greene, Greene Environmental (electronic copy)

Commonwealth Of Virginia

Department Of Transportation

Land Use Permit

Permit No 209-18951

Status APPROVED

This permit only grants permission to use whatever rights the Commonwealth Transportation Board and the Department of Transportation have in the right of way and no more, and it is the obligation of the permittee to secure any other releases or permission that may be needed in order to perform the work.

Effective Date Apr 08, 2014 **Expiration Date** Apr 12, 2017 **Reinstatement Date**

Permitee Information	Your Job# FMMD1002	Surety & Account Receivable Information
Address T&M SOUTHWEST, LLC Fuel station PO Box 709 Riner VA 24149	**Agent** GREENE ENVIRONMENTAL SERVICES, LLC 1 200 Buckwheat Lane Rocky Mount VA 24151	**Name** Auto Owners Insurance Company **Surety account** 66176330 **Surety type** Bond **Amount** 3,000.00 **Obligation Amount** 3,000.00 **Surety Holder** AGENT
Contact Mike Turman **Phone#** 540-381-5177 **Fax#** **24 Hr#**	**Contact** Trev Greene **Phone#** 540-483-3311 **Fax#** 540-483-3381 **24 Hr#** 540-493-8738	

AUTHORIZATION: In compliance with your application, permission is hereby given insofar as the Commonwealth Transportation Board has the right, power, and authority under sections 33.1 - 12(3);33.1 - 197 ;33.1 - 198 of the Code of Virginia as amended, to grant by Special Agreement and/or by Land Use Permit for you to perform the work and or activity(s) described below:

Location

County/City/Town	Patrick	Highway Route(s)	58 BUS - JEB Stuart Highway
From Route Number	614	From Route Name	Baptist Church Lane
To Route Number	750	To Route Name	Light Ridge Road

Work Description

Install 3 45'-55' deep monitoring wells within VDOT ROW to monitor an off-ROW subsurface petroleum product release. Well heads to be below grade and covered with flush mounted man-holes.

Fee Description	Fee
Permit application fee & additive	$130.00

Applicant has complied with Section Code 56-265.15 affidavit is attached.

TERMS: Applicable as stated with in the Land Use Permit Regulations (current edition) and/or as per approved plan(s) and/or regulatory instructions and/or agreements attached hereto.**THIS PERMIT IS NOT VALID WITHOUT THE FOLLOWING ATTACHMENTS:**

Traffic Control in Work Areas,Approved Site Plans,Special Provisions - General

COMMONWEALTH TRANSPORTATION BOARD

By: *Apr 08, 2014*

Dan Huff, PE

C Call before you dig

A Allow the required time for marking

R Respect and protect the marks/flags

E Excavate carefully

Call Miss Utility
811

Final Inspection Requirements: Upon completion of the work described under this permit, the permittee shall contact the following office in writing to request inspection.

Hillisville Residency
P. O. Box 188
Hillsville VA 24343