AECOM
1600 Perimeter Park Drive
Suite 400
Morrisville, NC 27560
www.aecom.com

919.461.1100 tel
919.461.1415 fax

July 1, 2016

Mr. Al Chapman
North Carolina Department of Environmental Quality
Division of Waste Management, Superfund Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Subject: Assessment Report
Burnett's Cleaner and Laundry (DSCA Site DC410019)
1932 East Market Street
Greensboro, Guilford County, North Carolina
AECOM Project No. 60328596.G01

Dear Mr. Chapman,

AECOM Technical Services of North Carolina, Inc. prepared the attached Assessment Report for the above referenced site on behalf of the North Carolina Dry-cleaning Solvent Cleanup Act Program. The Assessment Report Forms, Analytical Data Tables, and associated attachments are enclosed to document recent activities.

If you have any questions or need additional information, please contact Brian Ray at (919) 461-1514.

Sincerely yours,

Christopher Mason
Project Manager

Brian A. Ray
Program Manager

Attachments

Assessment Report Forms
for
North Carolina Dry-Cleaning Solvent Cleanup Act Program

Facility Name:	Burnett's Cleaner and Laundry
	1932 East Market Street, Greensboro, Guilford County, North Carolina
DSCA ID No.:	DC410019
Submittal Date:	July 2016
Prepared By:	AECOM Technical Services of North Carolina, Inc.
	1600 Perimeter Park Drive, Suite 400, Morrisville, NC 27560

Table of Contents		AR TOC
DSCA ID No.: DC410019		
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Form 6	Non-Aqueous Phase Liquid (NAPL) Information	☑
	Assessment Report Attachments	
Att. 1	Site location map.	☐
Att. 2	Historical aerial photograph.	☐
Att. 3	Historical maps and fire insurance records.	☐
Att. 4	Facility as-building drawings.	☐
Att. 5	Facility layout diagram indicating the following (if applicable): (i) Service doors, (ii) current and historic location of drycleaning equipment, (iii) solvent/waste storage areas (including ASTs and USTs), (iv) distillation unit, (v) location of septic tank/drainfield or sanitary sewer lateral line, (vi) floor drains, (vii) storm sewer, (viii) expansion joints and cracks in floor, (ix) location of utilities, and (x) location of dumpsters.	☐
Att. 6	Utility records, including videos of sewer lines and pressure testing.	☐
Att. 7	Scaled vicinity map illustrating surrounding land use within 500 foot and 0.5 mile radii of the site.	☐
Att. 8	USGS Quad map with plotted water well location(s) within the 1,500 foot and 0.5 mile radii of the site.	☐
Att. 9	Area geologic map/relevant cross-sections.	☐
Att. 10	Soil boring logs which must include the following: (i) OVA or other field screening readings, (ii) depth of samples collect, (iii) odor, (iv) staining, (v) blow counts (if applicable), (vi) interval recovery, (vii) structures and/or bedding, (viii) moisture content, and (ix) borehole disposition (abandonment or conversion to monitor well).	☐
Att. 11	Site map showing location(s) of soil sample(s).	☐
Att. 12	Soil contaminant concentration maps showing the concentration at each sampling point.	☐
Att. 13	Soil isoconcentration maps.	☐
Att. 14	Site map showing location(s) of monitoring well(s).	☐
Att. 15	Well completion diagrams and records of construction submitted to state.	☐
Att. 16	Groundwater gradient map.	☐
Att. 17	Groundwater contaminant concentration maps showing the concentration at each sampling point and isoconcentration maps.	☐
Att. 18	Map showing location(s) of surface water sample(s) (if applicable).	☐
Att. 19	Surface water concentration map showing the concentration at each sampling point (if applicable).	☐

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Form/Att. No.	Description	Check box if included
Assessment Report Attachments continued (Page 2 of 2)		
Att. 20	Map showing location(s) of water supply well(s) (if applicable).	☐
Att. 21	Laboratory analytical reports including chain-of custody and quality assurance/quality control (QA/QC) documentation.	☐
Att. 22	Analytical Data Tables	☑
Att. 23		☐
Att. 24		☐
Att. 25		☐

Note:

1. All maps must include a bar scale, north arrow, site name, DSCA ID No., and date.

Facility Information **AR Form 1**

DSCA ID No.: DC410019

☑ Currently operating facility since	Early 1960's
☐ Previously operating facility since	
☐ Temporarily out of service from	to
☐ Permanently out of service since	

Provide the name, address and telephone number of the current dry-cleaning business and the dry-cleaning business owner. If no current business at the facility, provide the name and address of the last dry-cleaner doing business at the site.

Facility name:	Burnett's Cleaner and Laundry
Facility address (include name of shopping centre and the county where facility is located):	1932 East Market Street Greensboro, Guilford County, NC 27401
Facility telephone number (if applicable):	336-272-7453
Facility Owner's Name:	Burnett Enterprises, Inc. c/o Tene Cummings
Owner's Mailing Address:	1926 205th Street Lynwood, Cook County, IL 60411
Owner's Telephone number:	312-371-4364

Provide the earliest known date of the facility use for dry-cleaning buisness and the name of the dry-cleaning buisness (if applicable).

Early 1960's - Burnett's Cleaner and Laundry

Provide information on businesses that occupied the facility that may use or have used solvents and other chemicals. Identify solvents and chemicals used at the facility (if applicable).

The property was purchased by the current property owner in 1945. The property was first utilized for dry cleaning operations in the early 1960's. The dry cleaning business has been operating under its current name, Burnett's Cleaner and Laundry, since that time. The dry cleaners used tetracholoroethylene (PCE) from the 1960's until approximately 1993. Petroleum solvents have been in use at the drycleaner since approximately 1993. Other potential sources of contamination identified in the area include petroleum underground storage tank (UST) releases from nearby gas stations.

Report Prepared By

I certify that the prioritization assessment as stated in this report was prepared under my supervision.

Michelle Friedman

NORTH CAROLINA LICENSED SEAL 2332 GEOLOGIST MICHELLE M. FRIEDMAN

Contractor	7/1/2016
	Date
Michelle Friedman	AECOM Technical Services of North Carolina, Inc.
Printed Name	Company Name

Site History **AR Form 2**

DSCA ID No.: DC410019

Number of dry-cleaning machines used at current or former facility: **Two**

Type of dry-cleaning machines used at current or former facility (e.g., transfer, dry-to-dry with vented exhaust, etc.).

According to the equipment installer, Mr. Hawkins of Hawkins Equipment Company, prior to 1993, either a Multimatic or Dietric chlorinated solvent machine was used. Since 1993, a Realstar KM503 60-pound hydrocarbon machine has been and currently has been used.

Type of dry-cleaning solvents used by each type of machine.

Petroleum solvent (ExxonMobile DF 2000 fluid) has been in use at the dry cleaner since approximately 1993. Historically, perchloroethylene (PCE) was used for the machines from the 1960's until approximately 1993.

Where are/were the dry-cleaning solvents stored at the facility site? (Machine base tanks, UST(s), AST(s), etc.)

No PCE is currently used onsite; historically PCE was stored in an AST behind the southeast corner of the building.

Are chlorinated dry cleaning solvents delivered to the facility by means of a closed, direct-coupled delivery system?

No chlorinated dry cleaning solvents are currently used at the facility.

Are virgin (new) solvents stored in containers other than the dry-cleaning machine?	(●) Yes ( ) No
Are or were any USTs or ASTs used to store any petroleum or hazardous substances other than dry-cleaning solvents at the facility	(●) Yes ( ) No

If yes, provide information about the substance stored, year taken out of service, virgin solvent or waste solvent, etc.

PCE stored in an AST until approximately 1993 when the facility began using petroleum-based dry cleaning solvents.

What methods of disposal are used or have been used for separator water?

Ms. Eliza Burnett, historic operator of Burnett's Cleaner and Laundry, is unaware of historic separator water disposal practices. Currently, separator water is stored in 55-gallon drums for off-site disposal.

Provide information about the current/historical waste management practices, including types of wastes that are/were generated and how the waste are/were stored and managed.

Historically, according to Ms. Burnett, solid wastes were disposed of in trash cans or on the ground to the south of the building. Currently, solid wastes are placed in 55-gallon drums for off-site disposal.

Site History **AR Form 2**

DSCA ID No.: DC410019

Ground Surface Conditions

☐ Unpaved

☑ Paved % area paved: 95

Any visible cracks in pavement? ◉ Yes ○ No

Subsurface Utilities

In the space provided for additional notes, please indicate the location and distance from soil and/or groundwater contamination to the nearest subsurface utility line and access point (e.g., manhole).

Have the utilities been screened for vapor levels? ○ Yes ◉ No

If YES, attach documentation of vapor monitoring results.

Indicate which of the following utilities currently act as conduits, or are likely to become conduits, under the columns entitled "Impacted by Release," and "Potentially Impacted by Release," respectively.

	Depth [feet]	Type of Material	Flow Direction	Impacted by Release	Potentially Impacted by Release
☑ Sanitary sewer	Unknown	Uknown	North	Uknown	Unknown
☐ Septic drainfields					
☐ Covered storm sewer					
☐ Open ditch					
☑ Water line	Unknown	Uknown	South	Uknown	Unknown
☑ Gas line	Unknown	Uknown	N/A	Uknown	Unknown
☐ Electric line					
☐ Telephone line					
☐ Other					

Release Characterization

Date the release was discovered: 9/23/2004

Date the release was reported: 10/22/2004

Type of release (explain): The release was discovered during soil sampling performed in the area of the AST prior to a proposed road widening by the North Carolina Department of Transportation. The exact release scenario is unknown.

Has the release been abated? ◉ Yes ○ No

Is native soil impacted? ◉ Yes ○ No

Is groundwater impacted? ◉ Yes ○ No

Is surface water impacted? ○ Yes ◉ No

Release Discovery

☐ UST(s)/AST(s) removal

☐ Inventory control

☐ Facility remodeling/Construction activity

☑ Environmental assessment

☐ Other (specify)

☐ Known spill incident

☐ Citizen complaint

☐ Assessment on adjacent property

☐ Unknown

Site History **AR Form 2**

DSCA ID No.: DC410019

Source(s) of Release

- ☐ Spills/Overfills
- ☐ Piping
- ☐ Other (specify)
- ☐ Tanks
- ☑ Unknown

Chemicals of Concern

- ☑ 1,1,1-Trichloroethane
- ☑ 1,1,2,2-Tetrachloroethane
- ☑ 1,1,2-Trichloroethanae
- ☑ 1,1-Dichloroethane
- ☑ 1,1-Dichloroethylene
- ☑ 1,2-Dichloroethane (EDC)
- ☑ Benzene
- ☐ Benzo(a)pyrene
- ☐ Carbon tetrachloride
- ☐ Chloroform
- ☐ Others
- ☑ cis-1,2-Dichloroethylene
- ☑ Ethylbenzene
- ☑ Methyl tert-butyl ether (MTBE)
- ☑ Naphthalene
- ☑ Tetrachloroethylene
- ☑ Toluene
- ☑ trans-1,2-Dichloroethylene
- ☑ Trichloroethylene
- ☑ Vinyl chloride
- ☑ Xylenes (total)

Additional Notes

AECOM installed and sampled one Type II monitoring well (MW-18) and one Type III monitoring well (MW-18BR) in March 2016. The following summarizes the results of the investigation:

- Based on current and historic data, depth to water in the surficial aquifer beneath the site is between 7 and 25 feet below grade, and groundwater beneath the site appears to migrate towards the south.
- Based on observations during installation of MW-18BR, the depth to competent bedrock beneath the site is approximately 30 feet below grade.
- The results of the March 2016 groundwater sampling event indicate the PCE plume is now delineated in the shallow and bedrock aquifers at the site. However, TCE was detected slightly above the 2L Standard in monitoring well MW-18BR in March 2016, indicating the TCE plume is not delineated in the bedrock aquifer. TCE has historically been detected in monitoring wells MW-4d and MW-14BR.

Land Use and Receptor Survey **AR Form 3**

DSCA ID No.: DC410019

Land Use

On-site Land Use	Current	Future
Residential	○	○
Commercial/Industrial	◉	◉
Other	○	○

Justify the choice for future land use:

The site and general vicinity are zoned commercial. Therefore, the site is expected to remain commercial.

Immediate Off-site Land Use (within 500 feet - at a minimum, state whether, residential, commercial/industrial, agricultural, or ecologically sensitive area). Indicate distances to residential/commercial/industrial buildings having basements which are occupied.

North:	Commercial (followed by residential)
Northeast:	Commercial (followed by residential)
Northwest:	Residential
South:	Commercial (followed by residential)
Southeast:	Commercial (followed by residential)
Southwest:	Commercial (followed by residential)
West:	Residential (followed by commercial)
East:	Residential (followed by commercial)

Receptor Survey

List the distance and the direction (downgradient, upgradient, or crossgradient) to these facilites within 0.5 mile radius of the site (If necessary provide details in additional notes).

	Distance [feet]	Direction
Nearest residential site:	10	East
Nearest commercial/industrial site:	75	East
If site is vacant, nearest inhabited building:	Site occupied	
Nearest ecologically sensitive area (agricultural areas, parks/recreational areas, widlife sanctuaries, wetlands):	2,400	Southeast
Nearest school, hospital, day care, nursing home etc.:	1,900	South
Nearest public supply well:	None within 0.5 mile	NA
Nearest private supply well:	None within 1,500 ft	NA
Nearest point of exposure (current or potential) for groundwater ingestion:	300	South
Nearest surface water body:	2,400	Southeast

Additional Notes

The nearest potential point of exposure is assumed to be the nearest occupied downgradient property boundary. An unnamed perennial tributary of South Buffalo Creek is located approximately 2,400 feet southeast of the site. This is assumed to be the nearest ecologically sensitive area.

Groundwater Use, Surface Water Use, and Ecological Survey **AR Form 4**

DSCA ID No.: DC410019

Groundwater Use

Is the groundwater used on-site? ○ Yes ◉ No

If yes, specify the use:

- Potable domestic supply ☐
- Non-potable domestic supply ☐
- Public/Municipal supply ☐
- Industrial supply ☐
- Agriculture ☐
- Other (explain in space provided below)

Surface Water Use

Is a surface water body present in 1,000 feet radius of the site? ○ Yes ◉ No

If yes, specify the following:

Type of water body ○ River ○ Wet weather creek ○ Drain ditch ○ Regular creek ◉ Other:

North Carolina classification of water body

Does the water discharges into lake or reservoir? ○ Yes ◉ No

Surface water use:

- Potable domestic supply ☐
- Non-potable domestic supply ☐
- Public/Municipal supply ☐
- Industrial supply ☐
- Agriculture ☐
- Other (explain in space provided below)

No surface water bodies have been identified within 500 feet of the site. However, an unnamed perennial tributary of South Buffalo Creek is located approximately 2,400 feet southeast of the site.

Ecological Receptors and Habitats

1. Are there any ecological receptors or habitats present within 500 feet radius from the site? ○ Yes ◉ No
2. Are there visible indications of stressed receptors or habitats on or near the site that may be a result of chemical release? ○ Yes ◉ No

Water Well(s) Information

1. Are there public/municipal water supply wells within 0.5 mile radius from the ○ Yes ◉ No
2. Are there private water supply wells within 1500 feet radius from the site? ○ Yes ◉ No

Additional Notes

Site Stratigraphy and Hydrogeology | **AR Form 5**

DSCA ID No.: DC410019

Stratigraphy of Site

Depth [feet]	Description of Soil
0-14 to 70 (varies across site)	Interbedded mixture of sand, silt and clay, generally coarsening with depth to saprolite.

Predominent Soil Type: Silty Sand

Depth [feet]	Type of Bedrock and Geological Formation
14 to 70 (varies across site)	Metamorphosed granitic rock of the Carolina Slate Belt, depth to bedrock ranges from 14 to 70 feet across the project area.

Hydrogeology of the Saturated Impacted Zone

Type of Aquifer?	○ Confined ◉ Unconfined ○ Perched
Underlying predominent aquifer name:	Not Applicable
Aquifer classification (if applicable):	Not Applicable
Range of groundwater level fluctuations [feet bgs]:	8.18-25.04
Average depth to water table/static water level:	18.04
Flow direction:	Divided: east-southeast and southwest
Hydraulic gradient (i) [--]:	0.02
Hydraulic conductivity (K) [cm/year]:	4184.00
Darcy velocity (K x i) [cm/year-calculated]:	83.68
Groundwater velocity (K x i/Porosity) [cm/year]:	
Annual precipitation (average for last 30 years) [inches/year]:	43.14

Additional Notes

Depth to groundwater is an average of recent measurements for permanent monitoring wells.

Hydraulic conductivity shown above is an average of values calculated from slug tests performed in June 2009 on shallow monitoring wells MW-1, MW-2, MW-6, and MW-16.

Annual precipitation in Greensboro, NC was obtained from the National Climatic Data Center's Normal Monthly Precipitation available at http://www.ncdc.noaa.gov/oa/climate/online/ccd/nrmlprcp.html.

Vadose Zone Characteristics

	Values/Range			Method
Dry bulk density [g/cm^3]	1.66	☑ Estimated	☐ Measured	
Total porosity [cm^3/cm^3]:	0.43	☑ Estimated	☐ Measured	
Effective porosity [cm^3/cm^3]:	0.33	☑ Estimated	☐ Measured	
Water content [cm^3/cm^3]:	0.053	☑ Estimated	☐ Measured	
Fractional organic carbon content [g-C/g-soil]:	0.002	☑ Estimated	☐ Measured	

Saturated Zone Characteristics

	Values/Range			Method
Dry bulk density [g/cm^3]	1.66	☑ Estimated	☐ Measured	
Total porosity [cm^3/cm^3]:	0.43	☑ Estimated	☐ Measured	
Effective porosity [cm^3/cm^3]	0.33	☑ Estimated	☐ Measured	
Water content [cm^3/cm^3]:	0.375	☑ Estimated	☐ Measured	
Fractional organic carbon content [g-C/g-soil]:	0.002	☑ Estimated	☐ Measured	

Additional Notes

The following vadose zone and saturated zone characteristic values are based on published values: dry bulk density and water content of sand - Environmental Quality Management, Inc., 2004; total porosity of sand - McWorter and Sunada, 1977; effective porosity of sand - McWorter and Sunada, 1977. Fractional organic carbon is a default value.

Non-Aqueous Phase Liquid (NAPL) Information **AR Form 6**

DSCA ID No.: DC410019

Was NAPL discovered at the site: ○ Yes ◉ No

If Yes, type of NAPL discovered: LNAPL ☐ DNAPL ☐

Summary of LNAPL

Date LNAPL was discovered?	
Type of LNAPL discovered (if known):	
Number of monitoring wells/points currently at site:	
Number of monitoring wells/points containing LNAPL (Note if any, list the monitoring wells/points containing NAPL):	
Has LNAPL removal started?	
If No, cite reason:	
If Yes, specify method of removal (bailer, pump, etc.):	
Removal points (MW #, Boring #, etc.):	
Total number of recovery events to date:	
Total amount of purge-water recovered:	
Total amount of LNAPL recovered:	
Date of latest LNAPL removal report submitted:	

Summary of DNAPL

Date DNAPL was discovered?	
Type of DNAPL discovered (if known):	
Number of monitoring wells/points currently at site:	
Number of monitoring wells/points containing DNAPL (Note if any, list the monitoring wells/points containing	
Has DNAPL removal started?	
If No, cite reason:	
If Yes, specify method of removal (bailer, pump, etc.):	
Removal points (MW #, Boring #, etc.):	
Total number of recovery events to date:	
Total amount of purge-water recovered:	
Total amount of DNAPL recovered:	
Date of latest DNAPL removal report submitted:	

Additonal Notes

ATTACHMENT 22
Analytical Data Tables

Analytical Data Tables
for
North Carolina Dry-Cleaning Solvent Cleanup Act Program

Facility Name:	Burnett's Cleaner and Laundry
	1932 East Market Street, Greensboro, Guilford County, North Carolina
DSCA ID No.:	DC410019
Submittal Date:	July 2016
Prepared By:	AECOM Technical Services of North Carolina, Inc.
	1600 Perimeter Park Drive, Suite 400, Morrisville, NC 27560

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Table/ Att. No.	**Description**	**Check box if included**
	Tables	
Table 1	Site Chronology	☑
Table 2	Analytical Data for Soil	☐
Table 3	Analytical Data for Sub-slab Gas	☐
Table 4	Analytical Data for Soil Gas	☐
Table 5	Analytical Data for Indoor and Outdoor Air	☐
Table 6	Monitoring Well Construction Data	☑
Table 7	Groundwater Elevation Data	☑
Table 8	Analytical Data for Groundwater	☑
Table 9	Analytical Data for Surface Water	☐
Table 10	Water Well(s) Survey Data	☐
Table 11	Analytical Data for Water Supply Well(s)	☐
Table 12	Analytical Data for Natural Attenuation Parameters	☑
	Attachments	
Att. 1	Site map showing location(s) of soil boring(s).	☐
Att. 2	Soil contaminant concentration maps showing the concentration at each sampling point.	☐
Att. 3	Soil isoconcentration maps.	☐
Att. 4	Site map showing location(s) of monitoring well(s).	☑
Att. 5	Well completion diagrams and records of construction submitted to state.	☑
Att. 6	Groundwater gradient map for each sampling event.	☐
Att. 7	PCE concentration map showing the concentration at each sampling point and isoconcentration map. However, if there are significant plumes for other dry-cleaning contaminants, contaminant concentration maps for each chemical of concern should be included.	☑
Att. 8	Groundwater concentration trend plots.	☐
Att. 9	Map showing location(s) of surface water sample(s) (if applicable).	☐
Att. 10	Surface water concentration map showing the concentration at each sampling point (if applicable).	☐
Att. 11	USGS Quad map with plotted water well location(s) within the 1,500 foot and 0.5 mile radii of the site (if applicable).	☐
Att. 12	Site map showing location(s) of monitoring well(s) for natural attenuation paramete	☐
Att. 13	Site map showing location(s) of indoor air, outdoor air, or soil gas samples.	☐
Att. 14	Air and soil gas concentration map showing the concentration at each sampling point.	☐
Att. 15	Signed laboratory analytical reports including chain-of custody and quality assurance/quality control (QA/QC) documentation (only if not previously submitted).	☑
Att. 16		☐
Att. 17		☐
Att. 18		☐
Att. 19		☐
Att. 20		☐
Att. 21		☐

Note:
1. All maps must include a bar scale, north arrow, site name, DSCA ID No., and date.

Table 1: Site Chronology	ADT 1
DSCA ID No.: DC410019	
Chronology of Events	
Date	Instructions: Brief description of all significant events that have occurred since a problem was suspected at the facility. Commence with the first date a problem was suspected and continue through the most recent activity described in the current report.
Early 1960s	Dry cleaning operations commence on-site using perchloroethylene (PCE) solvent.
1993	PCE use discontinued; began using petroleum based dry cleaning solvents.
9/23/2004	Trigon installed soil borings 2-SS-1, 2-SS-2, and 2-SS-3 as part of a Preliminary Site Assessment. The North Carolina Department of Transportation (NCDOT) had proposed the widening of a bridge near the site, and the site assessment was part of investigations into the area surrounding the bridge.
10/22/2004	Trigon submitted a Preliminary Site Assessment report.
2/16/2007	Petition was submitted requesting certification of the site in the DSCA Program.
3/8/2007	Site was accepted into the DSCA Program.
5/21/2007	ATC performed initial site reconnaissance, including a review of site history, observation of the facility layout, and identification of sample locations.
5/21/2007	ATC performed a receptor survey. ATC personnel observed for the presence of water supply wells within a 1,500-foot radius, public/municipal water supply wells within 0.5-mile radius, as well as the current land use within a 500-foot radius. No water supply wells were observed. Land use downgradient of the site was observed to be residential.
5/21/2007-5/22/07	ATC supervised drilling and sampling using a Geoprobe and/or hand auger to collect soil and groundwater samples from select locations inside and around the facility. The collected samples were analyzed via an on-site mobile laboratory. Soil samples were collected from TW-1 through TW-7, SB-1, and SB-2. Water samples were collected from TW-1, TW-3 through TW-6, and TW-8 through TW-11.
6/18/2007-6/19/07	ATC installed three monitoring wells (MW-1, MW-2, and MW-3).
6/21/2007	ATC surveyed top-of-casing (TOC) elevations and collected groundwater samples from monitoring wells MW-1 through MW-3.
9/12/2007	ATC submitted a Prioritization Assessment Report documenting site activites from May 2007 through June 2007.
2/4/2008-2/7/2008	ATC installed and collected soil samples from soil borings SB-1 and SB-2 (shallow depths) and S-4 through S-13. ATC installed temporary wells TW-12 through TW-36 and collected groundwater samples from TW-12, TW-13, TW-15, TW-17 through TW-25, TW-31 through TW-35, and MW-1 through MW-3.
6/19/2008-6/24/2008	ATC installed monitoring wells MW-4 S/D, MW-5 S/D, MW-6, MW-7 S/I/D, MW-8 S/D, MW-9 S/I/D, MW-10, MW-11, and MW-12 S/D.
7/1/2008-7/2/2008	ATC sampled monitoring wells MW-1, MW-2, MW-3, MW-5 S/D, MW-6, MW-7 S/I/D, MW-8 S/D, MW-9 I/D, MW-10, MW-11, and MW-12 S/D. Monitoring well MW-9S was dry. ATC advanced soil borings SB-14, SB-15, SB-16, and SB-21.
10/7/2008-10/8/2008	ATC sampled monitoring wells MW-1, MW-2, MW-3, MW-4 S/D, MW-5 S/D, MW-6, MW-7 S/I/D, MW-8 S/D, MW-9 I/D, MW-10, MW-11, and MW-12 S/D. Monitoring well MW-9S was dry.
3/31/2009-4/2/2009	ATC installed monitoring wells MW-13, MW-14BR, MW-15, MW-16, and MW-17.
4/1/2009	ATC sampled monitoring wells MW-15 and MW-16.
4/16/2009	ATC sampled monitoring wells MW-13, MW-14BR, and MW-17. All monitoring wells were gauged.

Table 1: Site Chronology	ADT 1
DSCA ID No.: DC410019	
Chronology of Events	
Date	Instructions: Brief description of all significant events that have occurred since a problem was suspected at the facility. Commence with the first date a problem was suspected and continue through the most recent activity described in the current report.
6/18/2009-6/19/2009	ATC conducted slug tests on monitoring wells MW-1, MW-2, MW-6, and MW-16.
6/30/2009	ATC collected groundwater samples from MW-10 and MW-14BR, which were then abandoned at the request of the property owner.
7/24/2009	ATC prepared an Assessment Report documenting the site activities from September 2007 through June 2009.
11/30/2009	ATC prepared a draft Tier 1 and 2 Risk Assessment.
1/15/2010	ATC installed six exterior soil gas monitoring points (SGMP #1 through SGMP #6) and two sub-slab soil gas monitoring points inside the existing drycleaning facility (SGMP #7 and SGMP #8). Soil gas samples were collected from SGMP #1 S/D, SGMP #2S, SGMP #3S, SGMP #4S, SGMP #7 and SGMP #8 S/D. Samples could not be collected from SGMP #2D, SGMP #3D, SGMP #4D, SGMP #5S/D, or SGMP #6S because of limited air flow due to tight clays. SGMP #6D could not be sampled due to water in screen and tubing.
1/18/2010-1/19/2010	ATC sampled monitoring wells MW-1, MW-2, MW-3, MW4 S/D, MW-5S/D, MW-6, MW-7 S/I/D, MW-8 S/D, MW-9S/I/D, MW-11, MW-12S/D, MW-13BR, MW-15, MW-16, and MW-17. Three surface water samples (SW-1 through SW-3) were also collected.
6/1/2010	ATC collected crawlspace air samples Inside #1, Inside #2, Inside #3, and Inside #4 as well as outdoor air samples Outdoor #1 and Outdoor #2.
11/5/2010	ATC collected crawlspace air samples Inside #1 and Inside #2.
11/11/2010-11/12/2010	ATC installed two exterior soil gas monitoring points (SGMP #9 and SGMP #10). Soil gas samples were collected from SGMP #1S, SGMP #4S, SGMP #9 and SGMP #10. Samples could not be collected from SGMP #2S and SGMP #3S due to water in screen and tubing.
February 2011	ATC submitted a Groundwater Monitoring Report documenting groundwater sampling events conducted in June 2009 and January 2010.
4/20/2012	ATC collected crawlspace air samples Inside #3 and Inside #4.
6/20/2012-6/22/2012	ATC sampled monitoring wells MW-1, MW-2, MW-3, MW4 S/D, MW-5S/D, MW-6, MW-7 S/I/D, MW-9S/I/D, MW-11, MW-12S/D, MW-13BR, MW-15, MW-16, and MW-17. Monitoring wells MW-8S and MW-8D could not be located. Three surface water samples (SW-1 through SW-3) were also collected.
March 2016	AECOM installed and sampled downgradient monitoring wells MW-18 and MW-18BR. Results of these activities are summarized in this report.

Table 6: Monitoring Well Construction Data **ADT 6**

DSCA ID No.: DC410019

Well ID	Date Installed (mm/dd/yy)	Number of Samples	Well Depth [feet]	Well Diameter [inch]	Screen Interval [feet]	Status (Active/Inactive)
MW-1	6/18/07	6	30	2	15-30	Active
MW-2	6/18/07	6	30	2	15-30	Active
MW-3	6/19/07	6	30	2	15-30	Active
MW-4S	6/23/08	3	25	1	10-25	Active
MW-4D	6/23/08	3	57	1	52-57	Active
MW-5S	6/19/08	4	25	1	10-25	Active
MW-5D	6/19/08	4	42.5	1	37.5-42.5	Active
MW-6	6/20/08	4	27.75	1	12.75-27.75	Active
MW-7S	6/20/08	4	25	1	10-25	Active
MW-7I	6/20/08	4	50	1	45-50	Active
MW-7D	6/20/08	4	65	1	60-65	Active
MW-8S	6/19/08	3	30	1	15-30	Active
MW-8D	6/19/08	3	54	1	49-54	Active
MW-9S	6/24/08	2	25	1	10-25	Active
MW-9I	6/24/08	4	50	1	45-50	Active
MW-9D	6/24/08	4	70	1	65-70	Active
MW-10	6/24/08	3	18	2	8-18	Inactive
MW-11	6/19/08	4	14.5	2	4.5-14.5	Active
MW-12S	6/19/08	4	20	1	10-20	Active
MW-12D	6/19/08	4	38	1	33-38	Active
MW-13BR	3/31/09	3	72	2	67-72	Active
MW-14BR	4/2/09	2	50	2	45-50	Inactive
MW-15	4/1/09	3	27	2	12-27	Active
MW-16	4/1/09	3	27	2	12-27	Active
MW-17	4/1/09	3	30	2	15-30	Active
MW-18	3/23/16	1	15	2	5-15	Active
MW-18BR	3/24/16	1	45	2	35-45	Active

Table 7: Groundwater Elevation Data **ADT 7**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	TOC Elevation [feet]	Depth to Water [feet bgs]	Groundwater Elevation [feet]	Depth to NAPL [feet bgs]	NAPL Thickness [feet]	Corrected* Groundwater Elevation [feet]
MW-1	06/21/07	99.56	21.47	78.09	NA	NA	NA
	07/02/08	813.13	22.75	790.38	NA	NA	NA
	10/07/08		22.94	790.19	NA	NA	NA
	04/16/09		20.69	792.44	NA	NA	NA
	01/18/10		20.00	793.13	NA	NA	NA
	06/20/12		21.25	791.88	NA	NA	NA
MW-2	06/21/07	96.86	19.03	77.83	NA	NA	NA
	07/02/08	810.40	20.10	790.30	NA	NA	NA
	10/07/08		20.27	790.13	NA	NA	NA
	04/16/09		18.70	791.70	NA	NA	NA
	01/18/10		18.36	792.04	NA	NA	NA
	06/20/12		18.74	791.66	NA	NA	NA
MW-3	06/21/07	98.88	21.26	77.62	NA	NA	NA
	07/02/08	812.45	21.76	790.69	NA	NA	NA
	10/07/08		22.22	790.23	NA	NA	NA
	04/16/09		18.79	793.66	NA	NA	NA
	01/18/10		18.59	793.86	NA	NA	NA
	06/20/12		20.78	791.67	NA	NA	NA
MW-4S	07/02/08	811.89	21.18	790.71	NA	NA	NA
	10/07/08		21.85	790.04	NA	NA	NA
	04/16/09		17.95	793.94	NA	NA	NA
	01/18/10		17.88	794.01	NA	NA	NA
	06/20/12		20.35	791.54	NA	NA	NA
MW-4D	07/02/08	811.94	21.86	790.08	NA	NA	NA
	10/07/08		22.00	789.94	NA	NA	NA
	04/16/09		19.18	792.76	NA	NA	NA
	01/18/10		17.51	794.43	NA	NA	NA
	06/20/12		23.41	788.53	NA	NA	NA

Table 7: Groundwater Elevation Data **ADT 7**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	TOC Elevation [feet]	Depth to Water [feet bgs]	Groundwater Elevation [feet]	Depth to NAPL [feet bgs]	NAPL Thickness [feet]	Corrected* Groundwater Elevation [feet]
MW-5S	07/01/08	804.33	16.70	787.63	NA	NA	NA
	10/07/08		16.35	787.98	NA	NA	NA
	04/16/09		15.50	788.83	NA	NA	NA
	01/18/10		15.65	788.68	NA	NA	NA
	06/20/12		16.20	788.13	NA	NA	NA
MW-5D	07/01/08	804.39	16.65	787.74	NA	NA	NA
	10/07/08		16.40	787.99	NA	NA	NA
	04/16/09		15.70	788.69	NA	NA	NA
	01/18/10		15.86	788.53	NA	NA	NA
	06/20/12		16.28	788.11	NA	NA	NA
MW-6	07/02/08	806.49	18.81	787.68	NA	NA	NA
	10/07/08		18.61	787.88	NA	NA	NA
	04/16/09		16.21	790.28	NA	NA	NA
	01/18/10		16.36	790.13	NA	NA	NA
	06/20/12		18.00	788.49	NA	NA	NA
MW-7S	07/01/08	816.25	23.00	793.25	NA	NA	NA
	10/07/08		23.61	792.64	NA	NA	NA
	04/16/09		21.71	794.54	NA	NA	NA
	01/18/10		20.67	795.58	NA	NA	NA
	06/20/12		21.62	794.63	NA	NA	NA
MW-7I	07/01/08	816.25	23.30	792.95	NA	NA	NA
	10/07/08		23.75	792.50	NA	NA	NA
	04/16/09		21.77	794.48	NA	NA	NA
	01/18/10		20.74	795.51	NA	NA	NA
	06/20/12		21.90	794.35	NA	NA	NA

Table 7: Groundwater Elevation Data **ADT 7**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	TOC Elevation [feet]	Depth to Water [feet bgs]	Groundwater Elevation [feet]	Depth to NAPL [feet bgs]	NAPL Thickness [feet]	Corrected* Groundwater Elevation [feet]
MW-7D	07/01/08	816.34	23.35	792.99	NA	NA	NA
	10/07/08		23.90	792.44	NA	NA	NA
	04/16/09		21.86	794.48	NA	NA	NA
	01/18/10		20.95	795.39	NA	NA	NA
	06/20/12		22.06	794.28	NA	NA	NA
MW-8S	07/02/08	809.63	19.00	790.63	NA	NA	NA
	10/07/08		19.88	789.75	NA	NA	NA
	04/16/09		15.81	793.82	NA	NA	NA
	01/18/10		15.64	793.99	NA	NA	NA
MW-8D	07/02/08	809.64	19.24	790.40	NA	NA	NA
	10/07/08		20.17	789.47	NA	NA	NA
	04/16/09		16.22	793.42	NA	NA	NA
	01/18/10		16.22	793.42	NA	NA	NA
MW-9S	07/01/08	818.09	DRY	NA	NA	NA	NA
	10/07/08		DRY	NA	NA	NA	NA
	04/16/09		23.70	794.39	NA	NA	NA
	01/18/10		15.22	802.87	NA	NA	NA
	06/20/12		22.25	795.84	NA	NA	NA
MW-9I	07/01/08	818.10	24.33	793.77	NA	NA	NA
	10/07/08		24.90	793.20	NA	NA	NA
	04/16/09		23.65	794.45	NA	NA	NA
	01/18/10		21.31	796.79	NA	NA	NA
	06/20/12		22.28	795.82	NA	NA	NA
MW-9D	07/01/08	818.15	24.53	793.62	NA	NA	NA
	10/07/08		25.04	793.11	NA	NA	NA
	04/16/09		22.80	795.35	NA	NA	NA
	01/18/10		22.46	795.69	NA	NA	NA
	06/20/12		22.50	795.65	NA	NA	NA

Table 7: Groundwater Elevation Data **ADT 7**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	TOC Elevation [feet]	Depth to Water [feet bgs]	Groundwater Elevation [feet]	Depth to NAPL [feet bgs]	NAPL Thickness [feet]	Corrected* Groundwater Elevation [feet]
MW-10	07/01/08	797.68	13.35	784.33	NA	NA	NA
	10/07/08		13.27	784.41	NA	NA	NA
	04/16/09		12.25	785.43	NA	NA	NA
	06/30/09		12.81	784.87	NA	NA	NA
MW-11	07/01/08	794.25	8.57	785.68	NA	NA	NA
	10/07/08		8.36	785.89	NA	NA	NA
	04/16/09		8.18	786.07	NA	NA	NA
	01/18/10		7.90	786.35	NA	NA	NA
	06/20/12		7.30	786.95	NA	NA	NA
MW-12S	07/01/08	799.24	11.55	787.69	NA	NA	NA
	10/07/08		11.83	787.41	NA	NA	NA
	04/16/09		9.91	789.33	NA	NA	NA
	01/18/10		9.48	789.76	NA	NA	NA
	06/20/12		11.35	787.89	NA	NA	NA
MW-12D	07/01/08	799.18	11.38	787.80	NA	NA	NA
	10/07/08		11.62	787.56	NA	NA	NA
	04/16/09		9.74	789.44	NA	NA	NA
	01/18/10		9.16	790.02	NA	NA	NA
	06/20/12		12.10	787.08	NA	NA	NA
MW-13BR	04/16/09	812.46	19.24	793.22	NA	NA	NA
	01/18/10		19.61	792.85	NA	NA	NA
	06/20/12		21.10	791.36	NA	NA	NA
MW-14BR	04/16/09	797.47	11.58	785.89	NA	NA	NA
	06/30/09		12.28	785.19	NA	NA	NA
MW-15	04/01/09	797.53	8.74	788.79	NA	NA	NA
	04/16/09		8.25	789.28	NA	NA	NA
	01/18/10		9.37	788.16	NA	NA	NA
	06/20/12		10.40	787.13	NA	NA	NA

Table 7: Groundwater Elevation Data **ADT 7**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	TOC Elevation [feet]	Depth to Water [feet bgs]	Groundwater Elevation [feet]	Depth to NAPL [feet bgs]	NAPL Thickness [feet]	Corrected* Groundwater Elevation [feet]
MW-16	04/01/09	803.73	15.20	788.53	NA	NA	NA
	04/16/09		14.75	788.98	NA	NA	NA
	01/18/10		15.44	788.29	NA	NA	NA
	06/20/12		16.98	786.75	NA	NA	NA
MW-17	04/16/09	811.32	8.75	802.57	NA	NA	NA
	01/19/10		8.86	802.46	NA	NA	NA
	06/20/12		10.98	800.34	NA	NA	NA
MW-18	3/28/2016	793.94	7.78	786.16	NA	NA	NA
MW-18BR	3/28/2016	794.77	8.58	786.19	NA	NA	NA

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethanae	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Chloroform	Acetone	Methylene chloride
		[mg/L]																			
TW-1 (23'-27')	5/21/07	<0.001	0.0072	<0.001	NA	NA	**0.0727**	<0.001	<0.001	**0.0236**	**0.0179**	<0.002	NA	NA	NA	<0.001	NA	NA	NA	NA	NA
TW-3 (20'-24')	5/21/07	<0.001	0.0101	<0.001	NA	NA	**0.0642**	<0.001	<0.001	**0.0366**	<0.001	<0.002	NA	NA	NA	<0.001	NA	NA	NA	NA	NA
TW-4 (23'-27')	5/21/07	<0.01	0.3	<0.01	NA	NA	**1.7**	<0.01	<0.01	**1.1**	<0.01	<0.02	NA	NA	NA	<0.01	NA	NA	NA	NA	NA
TW-5 (24'-28')	5/22/07	<0.2	**2.7**	<0.2	NA	NA	**6.7**	<0.2	<0.2	**7.4**	<0.2	<0.4	NA	NA	NA	<0.2	NA	NA	NA	NA	NA
TW-6 (24'-28')	5/22/07	<0.1	**1.5**	<0.1	NA	NA	**1.5**	<0.1	<0.1	**1.9**	<0.1	<0.2	NA	NA	NA	<0.1	NA	NA	NA	NA	NA
TW-8 (24'-28')	5/22/07	<0.001	0.0049	<0.001	NA	NA	**0.0394**	<0.001	<0.001	**0.0138**	<0.001	<0.002	NA	NA	NA	<0.001	NA	NA	NA	NA	NA
TW-9 (24'-28')	5/22/07	<0.001	<0.001	<0.001	NA	NA	**0.0099**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	NA	<0.001	NA	NA	NA	NA	NA
TW-10(24'-28')	5/22/07	<0.001	<0.001	<0.001	NA	NA	**0.0044**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	NA	<0.001	NA	NA	NA	NA	NA
TW-11 (22'-26')	5/22/07	<0.001	0.12	<0.001	NA	NA	**0.21**	<0.001	<0.001	**0.13**	<0.001	<0.002	NA	NA	NA	<0.001	NA	NA	NA	NA	NA
TW-12 (31-35')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.0032**	<0.001	<0.001	0.0025	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-13 (32-36')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.0066**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-15 (30-34')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.200**	<0.001	<0.001	0.0019	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-17 (28-32')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.0018**	<0.001	<0.001	0.0012	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-18 (27-31')	2/5/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-19 (27-31')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.0049**	<0.001	<0.001	0.0022	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-20 (24-28')	2/5/08	<0.010	0.220	<0.010	NA	NA	**0.130**	<0.010	<0.010	**0.260**	<0.010	<0.010	NA	NA	NA	NA	<0.010	NA	NA	NA	NA
TW-21 (23-27')	2/5/08	**0.0728**	0.0028	<0.001	NA	NA	**0.0751**	<0.001	<0.001	**0.0106**	<0.001	0.0013	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-22 (28-32')	2/5/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-23 (28-32')	2/5/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-24 (28-32')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.0019**	0.0011	<0.001	0.0013	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-25 (32-36')	2/5/08	<0.001	<0.001	<0.001	NA	NA	**0.0015**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-31 (22-26')	2/7/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-32 (32-36')	2/7/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-33 (32-36')	2/7/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
TW-34 (32-36')	2/7/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethanae	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Chloroform	Acetone	Methylene chloride
		[mg/L]																			
TW-35 (29-33')	2/7/08	**19**	<0.100	**1.1**	NA	NA	<0.100	**7.5**	<0.100	<0.100	<0.100	**4.2**	NA	NA	NA	NA	<0.100	NA	NA	NA	NA
MW-1	6/21/07	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	0.002J	<0.005	<0.005	**0.00064J**	<0.005	0.022	**0.0004J**	<0.005	0.00023	0.00042J	<0.005	<0.005	<0.05	<0.005
	2/6/08	<0.001	<0.001	<0.001	NA	NA	**0.0124**	<0.001	<0.001	**0.0034**	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
	7/2/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.007**	<0.005	<0.005	**0.0026J**	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	10/8/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.0078**	<0.005	<0.005	0.0028J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05
	1/18/10	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.012**	<0.005	<0.005	**0.0031**	<0.0005	<0.0005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	0.0021J
	6/22/12	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.013**	<0.005	<0.005	**0.0047**	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.05
MW-2	6/21/07	<0.0005	<0.005	0.0062	0.013	<0.005	<0.0005	0.002J	0.0011J	<0.005	<0.0005	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	2/6/08	<0.001	<0.001	<0.001	NA	NA	**0.0168**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
	7/2/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.018**	<0.005	<0.005	0.0017J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	10/8/08	<0.0005	0.00096J	<0.005	<0.005	<0.005	**0.026**	<0.005	<0.005	**0.004J**	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/20/10	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.016**	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/22/12	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.012**	<0.005	<0.005	0.00096J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0038J	0.00077J
MW-3	6/21/07	<0.025	<0.250	<0.008	<0.025	<0.005	<0.025	<0.250	**4.4**	<0.250	**0.072J**	<0.250	<0.005	<0.005	0.00076J	<0.005	<0.005	<0.250	<0.250	<0.05	<0.005
	2/6/08	<0.100	**3.1**	<0.100	NA	<0.010	**9.9**	<0.100	<0.100	**9.2**	<0.100	<0.100	NA	NA	NA	NA	<0.100	NA	NA	NA	NA
	7/2/08	**0.007**	**0.49**	<0.005	<0.005	<0.005	**0.99**	0.0029J	0.0027	**11**	**0.014**	<0.005	<0.010	<0.005	<0.005	<0.005	**0.031**	<0.005	0.0023J	<0.05	<0.005
	10/8/08	<0.0005	**3.9**	<0.005	<0.005	**0.083J**	**11**	<0.005	<0.005	**11**	<0.0005	0.035J	<0.005	<0.0005	<0.005	<0.005	<0.005	**0.100J**	<0.005	<0.05	<0.005
	1/18/10	**0.0073**	**2.6**	<0.005	<0.005	<0.005	**5.4**	<0.005	0.076	**4.9**	**0.0074**	<0.010	<0.005	<0.005	<0.005	<0.005	**0.013**	<0.005	<0.005	<0.5	**0.026B**
	6/22/12	<0.005	**1.6**	<0.05	<0.05	<0.05	**3.2**	<0.05	0.031J	**3**	**0.023**	<0.05	<0.05	<0.005	<0.05	<0.005	<0.05	<0.05	<0.05	<500	<0.05
MW-4S	10/8/08	**0.054**	**6**	0.39	0.0026J	**0.095**	**0.29**	0.16	0.036	**0.2**	**0.005**	**1.43**	<0.005	**0.00069**	<0.005	0.0007	**0.014**	<0.005	0.0012J	<0.05	<0.005
	1/18/10	**0.042**	**2.9**	0.016 J	<0.05	<0.05	**2.9**	0.0038 J	0.016J	**2.6**	<0.005	0.029J	<0.05	<0.005	<0.05	<0.005	0.0043J	<0.05	<0.05	<0.5	**0.039J**
	6/22/12	**0.0063**	**2.8**	<0.005	0.00047J	<0.005	**2.5**	<0.005	**0.13**	**2**	0.002	<0.005	<0.005	<0.0005	<0.005	<0.0005	0.0024J	<0.005	0.0019J	<0.05	<0.005
MW-4D	10/8/08	**0.1**	0.0039J	<0.005	**0.2**	0.0022J	**0.00076**	<0.005	<0.005	<0.005	<0.0005	0.00248J	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.00051J	<0.05	<0.005
	1/18/10	**0.16**	**0.53**	0.0041J	**0.33**	**0.0076J**	**0.28**	<0.025	<0.025	**0.38**	<0.0025	0.0071 J	<0.025	<0.0025	<0.025	<0.0025	<0.025	<0.025	<0.025	<0.25	**0.012J**
	6/22/12	**0.11**	**0.032**	<0.005	**0.24**	**0.0024J**	**0.0022**	<0.005	<0.005	**0.0095**	<0.0005	0.0012J	<0.005	<0.0005	<0.005	<0.0005	<0.005	0.00077J	0.00035J	<0.05	<0.005

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethanae	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Chloroform	Acetone	Methylene chloride
		[mg/L]																			
MW-5S	7/1/08	<0.0005	<0.005	0.004J	**0.28**	<0.005	**0.0052J**	<0.005	<0.005	<0.005	<0.0005	0.0045J	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0062J	<0.005
	10/7/08	<0.0005	<0.005	<0.005	**0.24**	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	**0.00061J**	<0.005	<0.05	<0.005
	1/20/10	<0.0005	<0.005	<0.005	**0.1**	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	<0.0005	<0.005	<0.005	**0.096**	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-5D	7/1/08	<0.0005	<0.005	<0.005	**10**	<0.005	<0.0005	0.072J	<0.005	<0.005	<0.0005	0.056J	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	0.29	<0.005
	10/7/08	<0.025	<0.25	<0.25	**13**	<0.25	**0.026J**	<0.25	<0.25	**0.046J**	<0.025	<0.25	<0.250	<0.025	<0.250	<0.025	<0.25	**0.5**	<0.25	<2.5	<0.25
	1/20/10	<0.0005	<0.005	<0.005	**10**	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	<0.025	<0.25	<0.25	**7.1**	<0.25	<0.035	<0.25	<0.25	<0.14	<0.025	<0.25	<0.25	<0.025	<0.25	<0.025	<0.25	<0.25	<0.25	<2.5	<0.25
MW-6	7/2/08	<0.0005	<0.005	<0.005	0.0022J	<0.005	**0.0083**	<0.005	<0.005	0.0022J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	0.29	<0.005
	10/8/08	<0.0005	<0.005	<0.005	<0.005	0.00077J	**0.0017**	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/20/10	<0.0005	<0.005	<0.005	<0.005	0.0021J	**0.0066**	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	0.002J
	6/22/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-7S	7/1/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.0027**	<0.005	<0.005	0.0013J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0067	<0.05	<0.005
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/18/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/21/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-7I	7/1/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.0018**	0.0021J	<0.005	0.00094J	<0.0005	0.0009	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.051	<0.05	<0.005
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/18/10	<0.0005	0.0005J	<0.005	<0.005	0.00053 JB	**0.0012**	<0.005	<0.005	0.00072J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	0.002JB
	6/21/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-7D	7/1/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.0015**	<0.005	<0.005	0.00077J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.0053	<0.05	<0.005
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.0058	<0.05	<0.005
	1/18/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.004J	<0.05	<0.005
	6/21/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.0026J	<0.05	<0.005
MW-8S	7/2/08	<0.0005	<0.005	<0.005	0.0017J	<0.005	**0.0022**	<0.005	<0.005	0.00064J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.0071	<0.05	<0.005
	10/8/08	<0.0005	0.0028J	<0.005	<0.005	<0.005	**0.00096**	<0.005	<0.005	<0.005	<0.0005	0.00062J	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.00066J	<0.05	<0.005
	1/18/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethanae	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Chloroform	Acetone	Methylene chloride
		[mg/L]																			
MW-8D	7/2/08	<0.0005	0.00011J	<0.005	0.00094J	<0.005	**0.0042**	<0.005	<0.005	0.0014	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.0015J	<0.05	<0.005
	10/8/08	<0.0005	0.0024J	<0.005	<0.005	<0.005	**0.0023**	<0.005	<0.005	0.00065J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.0011J	<0.05	<0.005
	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.00084**	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-9S	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/21/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-9I	7/1/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.00071**	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.00064J	<0.05	<0.005
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/21/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-9D	7/1/08	<0.0005	<0.005	<0.005	0.00074J	<0.005	**0.00092**	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.0028J	<0.05	<0.005
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.0031J	<0.05	<0.005
	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.0021 J	<0.05	<0.005
	6/21/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.002J	<0.05	<0.005
MW-10	7/1/08	<0.0005	0.012	<0.005	**0.096**	<0.005	**0.35**	<0.005	<0.005	**0.058**	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	0.0084J	<0.05	<0.005
	10/7/08	**0.0024**	0.02	<0.005	**0.16**	0.00083J	**0.51**	<0.005	<0.005	**0.086**	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	**0.0011J**	0.00079J	<0.05	<0.005
	6/30/09	**0.0029**	0.026	<0.005	**0.26**	<0.005	**0.59**	<0.005	<0.005	**0.11**	<0.0005	<0.005	<0.005	<0.0005	<0.005	0.0011J	<0.005	<0.005	0.00068J	<0.05	<0.005
MW-11	7/1/08	<0.0005	<0.005	<0.005	<0.005	<0.005	**0.0016**	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	0.0037J
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/20/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-12S	7/1/08	<0.0005	<0.005	<0.005	0.00057J	<0.005	0.00062J	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	10/7/08	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	**0.01**	<0.005	<0.005	0.0024J	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethanae	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Chloroform	Acetone	Methylene chloride
		[mg/L]																			
MW-12D	7/1/08	**0.034**	<0.005	<0.005	0.013	0.0023J	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
	10/7/08	**0.022**	<0.005	<0.005	0.011	0.0013J	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/19/10	**0.058**	<0.005	<0.005	**0.025**	0.0023J	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	**0.086**	<0.005	<0.005	**0.028**	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-13BR	4/16/09	**0.76**	<0.005	<0.005	**0.95**	**0.016**	**0.00079**	<0.005	<0.005	<0.005	<0.0005	0.0205	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	0.00078J	<0.05	<0.005
	1/18/10	**0.88**	<0.025	<0.025	**1.0**	**0.031**	**0.0028J**	<0.025	<0.025	<0.014	<0.0025	0.0153J	<0.025	<0.0025	<0.025	<0.0025	<0.025	<0.025	<0.025	<0.25	<0.025
	6/22/12	**0.83**	<0.025	<0.025	**0.8**	<0.025	<0.0035	<0.025	<0.025	<0.014	<0.0025	0.0073J	<0.025	<0.0025	<0.025	<0.0025	<0.025	0.0035J	<0.025	<0.25	<0.025
MW-14BR	4/16/09	**0.001**	0.0099	<0.005	**0.11**	0.00083J	**0.2**	<0.005	<0.005	**0.046**	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	**0.00049J**	<0.005	<0.05	<0.005
	6/30/09	**0.0011**	0.01	0.0076	**0.13**	0.007	**0.24**	0.0077	<0.005	**0.044**	<0.0005	0.0276	<0.005	<0.0005	<0.005	0.0006J	<0.005	<0.005	<0.005	<0.05	<0.005
MW-15	4/1/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.005	0.0025
	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-16	4/1/09	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0009J**	<0.001	<0.001	0.00085J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.005	<0.002
	1/19/10	<0.0005	<0.005	<0.005	<0.005	<0.005	0.00057J	<0.005	<0.005	0.00069J	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-17	4/16/09	<0.0005	<0.005	<0.005	0.0046J	<0.005	<0.0007	<0.005	<0.005	<0.005	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	1/19/10	<0.0005	<0.005	<0.005	0.0037J	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
	6/20/12	<0.0005	<0.005	<0.005	0.00052J	<0.005	<0.0007	<0.005	<0.005	<0.0028	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005	<0.005	<0.005	<0.005	<0.05	<0.005
MW-18	3/28/16	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	<0.010	<0.0005
MW-18R	3/28/16	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.0005	<0.0005	<0.0005	**0.0067**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00079	<0.010	<0.0005
NC 2L Standard		0.001	0.07	0.6	0.02	0.006	0.0007	0.6	0.1	0.003	0.00003	0.5	0.2	0.0002	NE	0.006	0.007	0.0004	0.07	6	0.005

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	2-Butanone	Chloromethane	Diisopropyl ether	4-Methyl-2-pentanone	Vinyl Acetate															
		[mg/L]																			
TW-1 (23'-27')	5/21/07	NA	NA	NA	NA	NA															
TW-3 (20'-24')	5/21/07	NA	NA	NA	NA	NA															
TW-4 (23'-27')	5/22/07	NA	NA	NA	NA	NA															
TW-5 (24'-28')	5/22/07	NA	NA	NA	NA	NA															
TW-6 (24'-28')	5/22/07	NA	NA	NA	NA	NA															
TW-8 (24'-28')	5/21/07	NA	NA	NA	NA	NA															
TW-9 (24'-28')	5/21/07	NA	NA	NA	NA	NA															
TW-10(24'-28')	5/21/07	NA	NA	NA	NA	NA															
TW-11 (22'-26')	5/21/07	NA	NA	NA	NA	NA															
TW-12 (31-35')	2/5/08	NA	NA	NA	NA	NA															
TW-13 (32-36')	2/5/08	NA	NA	NA	NA	NA															
TW-15 (30-34')	2/5/08	NA	NA	NA	NA	NA															
TW-17 (28-32')	2/5/08	NA	NA	NA	NA	NA															
TW-18 (27-31')	2/5/08	NA	NA	NA	NA	NA															
TW-19 (27-31')	2/5/08	NA	NA	NA	NA	NA															
TW-20 (24-28')	2/5/08	NA	NA	NA	NA	NA															
TW-21 (23-27')	2/5/08	NA	NA	NA	NA	NA															
TW-22 (28-32')	2/5/08	NA	NA	NA	NA	NA															
TW-23 (28-32')	2/5/08	NA	NA	NA	NA	NA															
TW-24 (28-32')	2/5/08	NA	NA	NA	NA	NA															
TW-25 (32-36')	2/5/08	NA	NA	NA	NA	NA															
TW-31 (22-26')	2/7/08	NA	NA	NA	NA	NA															
TW-32 (32-36')	2/7/08	NA	NA	NA	NA	NA															
TW-33 (32-36')	2/7/08	NA	NA	NA	NA	NA															
TW-34 (32-36')	2/7/08	NA	NA	NA	NA	NA															

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	2-Butanone	Chloromethane	Diisopropyl ether	4-Methyl-2-pentanone	Vinyl Acetate															
		[mg/L]																			
TW-35 (29-33')	2/7/08	NA	NA	NA	NA	NA															
MW-1	6/21/07	<0.01	<0.005	<0.005	<0.010	<0.010															
	2/6/08	NA	NA	NA	NA	NA															
	7/2/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/18/10	<0.01	<0.005	<0.005	<0.01	<0.01															
	6/22/12	<0.01	<0.005	<0.005	<0.01	<0.01															
MW-2	6/21/07	<0.01	<0.005	<0.005	<0.010	<0.010															
	2/6/08	NA	NA	NA	NA	NA															
	7/2/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/20/10	<0.01	<0.005	<0.005	<0.010	<0.010															
	6/22/12	0.013	<0.005	<0.005	<0.010	<0.010															
MW-3	6/21/07	<0.01	<0.005	<0.005	<0.010	<0.010															
	2/6/08	NA	NA	NA	NA	NA															
	7/2/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/8/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/18/10	<0.1	<0.01	<0.005	<0.1	<0.005															
	6/22/12	<0.1	<0.05	<0.05	<0.1	<0.1															
MW-4S	10/8/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/18/10	<0.1	<0.05	<0.05	<0.1	<0.1															
	6/22/12	<0.01	<0.005	<0.005	<0.01	<0.01															
MW-4D	10/8/08	<0.01	<0.005	0.018	0.0012J	<0.010															
	1/18/10	<0.05	<0.025	0.027	<0.05	0.012J															
	6/22/12	<0.01	0.0016J	0.017	<0.01	<0.01															

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	2-Butanone	Chloromethane	Diisopropyl ether	4-Methyl-2-pentanone	Vinyl Acetate														
		[mg/L]																		
MW-5S	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/7/08	<0.01	<0.005	0.0067	<0.010	<0.010														
	1/20/10	<0.01	<0.005	0.0024J	<0.010	<0.010														
	6/20/12	<0.01	<0.005	0.0028J	<0.010	<0.010														
MW-5D	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/7/08	<0.5	**0.077J**	**0.2J**	<0.010	<0.010														
	1/20/10	<0.01	<0.005	**0.16**	<0.010	<0.010														
	6/20/12	<0.5	<0.25	**0.120J**	<0.5	<0.5														
MW-6	7/2/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/8/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	1/20/10	<0.01	<0.005	<0.005	<0.010	<0.010														
	6/22/12	<0.01	<0.005	<0.005	<0.010	<0.010														
MW-7S	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	1/18/10	<0.01	<0.005	<0.005	<0.010	<0.010														
	6/21/12	<0.01	0.0053	<0.005	<0.010	<0.010														
MW-7I	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	1/18/10	<0.01	**0.0037J**	<0.005	<0.010	<0.010														
	6/21/12	<0.01	<0.005	<0.005	<0.010	<0.010														
MW-7D	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/7/08	<0.01	<0.005	0.00052J	<0.010	<0.010														
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010														
	6/21/12	<0.01	<0.005	<0.005	<0.010	<0.010														
MW-8S	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/8/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010														

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	2-Butanone	Chloromethane	Diisopropyl ether	4-Methyl-2-pentanone	Vinyl Acetate															
		[mg/L]																			
MW-8D	7/2/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/8/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010															
MW-9S	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010															
	6/21/12	<0.01	<0.005	<0.005	<0.010	<0.010															
MW-9I	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010															
	6/21/12	<0.01	<0.005	<0.005	<0.010	<0.010															
MW-9D	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010															
	6/21/12	<0.01	<0.005	<0.005	<0.010	<0.010															
MW-10	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	0.018	<0.010	<0.010															
	6/30/09	<0.01	0.0021J	0.0026	<0.010	0.012															
MW-11	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/20/10	<0.01	<0.005	<0.005	<0.010	<0.010															
	6/20/12	<0.01	<0.005	<0.005	<0.010	<0.010															
MW-12S	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	10/7/08	<0.01	<0.005	<0.005	<0.010	<0.010															
	1/16/10	<0.01	<0.005	<0.005	<0.010	<0.010															
	6/20/12	<0.01	<0.005	<0.005	<0.010	<0.010															

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: DC410019

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	2-Butanone	Chloromethane	Diisopropyl ether	4-Methyl-2-pentanone	Vinyl Acetate														
		[mg/L]																		
MW-12D	7/1/08	<0.01	<0.005	<0.005	<0.010	<0.010														
	10/7/08	<0.01	<0.005	0.00043J	<0.010	<0.010														
	1/19/10	<0.01	<0.005	0.00096J	<0.010	<0.010														
	6/20/12	<0.01	<0.005	0.0011J	<0.010	<0.010														
MW-13BR	4/16/09	<0.01	<0.005	**0.083**	<0.010	<0.010														
	1/18/10	<0.05	<0.025	**0.083**	<0.05	<0.05														
	6/22/12	<0.05	<0.025	**0.071**	<0.05	<0.05														
MW-14BR	4/16/09	<0.01	<0.005	0.012	<0.010	<0.010														
	6/30./09	<0.01	0.0023J	0.014	0.02	<0.010														
MW-15	4/1/09	<0.005	<0.001	NA	<0.005	<0.002														
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010														
	6/20/12	<0.01	<0.005	<0.005	<0.010	<0.010														
MW-16	4/1/09	<0.005	<0.001	NA	<0.005	<0.002														
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010														
	6/20/12	<0.01	<0.005	<0.005	<0.010	<0.010														
MW-17	4/16/09	<0.01	<0.005	<0.005	<0.010	<0.010														
	1/19/10	<0.01	<0.005	<0.005	<0.010	<0.010														
	6/20/12	<0.01	<0.005	<0.005	<0.010	<0.010														
MW-18	4/2/16	<0.010	<0.0005	NA	<0.010	NA														
MW-18R	4/2/16	<0.010	<0.0005	NA	<0.010	NA														
NC 2L Standard		4	0.003	0.07	NE	NE														

Table 12: Analytical Data for Natural Attenuation Parameters **ADT 12**

DSCA ID No.: DC410019

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Nitrate	Sulfate	Major Cations	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Chloride (optional)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	mg/L	mg/L	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L
MW-1	1/18/2010	1.02	0.082	92.8	NA	<0.0012	1	57.4	>400	60	637	9.5	20.68	NA	<0.0025	<0.0032
	6/22/2012	0.88	NA	NA	NA	NA	NA	164.4	NA	NA	447	6.04	21.19	NA	NA	NA
MW-2	1/20/2010	0.8	NA	NA	NA	NA	NA	167.9	NA	NA	327	6.04	16.33	NA	NA	NA
	6/22/2012	0.44	NA	NA	NA	NA	NA	97.7	NA	NA	333	6.04	20.40	NA	NA	NA
MW-3	1/18/2010	2.33	NA	NA	NA	NA	NA	85.9	NA	NA	387	7.2	19.18	NA	NA	NA
	6/22/2012	0.80	NA	NA	NA	NA	NA	142.6	NA	NA	263	5.98	22.87	NA	NA	NA
MW-4S	1/18/2010	1.55	0.021J	16.7	NA	<0.0012	2	90.6	120	200	710	5.98	18.33	NA	<0.0025	<0.0032
	6/22/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4D	1/18/2010	0.54	0.77	35	NA	0.0053	1.4	12.8	120	200	307	6.18	17.93	NA	<0.0025	<0.0032
	6/22/2012	0.30	NA	NA	NA	NA	NA	-26.7	NA	NA	289	6.21	22.23	NA	NA	NA
MW-5S	1/20/2010	0.54	NA	NA	NA	NA	NA	172	NA	NA	665	6.38	17.42	NA	NA	NA
	6/20/2012	0.38	NA	NA	NA	NA	NA	85.6	NA	NA	707	6.73	19.88	NA	NA	NA
MW-5D	1/20/2010	0.43	NA	NA	NA	NA	NA	161.3	NA	NA	725	6.41	18.64	NA	NA	NA
	6/20/2012	0.66	NA	NA	NA	NA	NA	84.6	NA	NA	814	6.67	19.28	NA	NA	NA
MW-6	1/20/2010	0.89	NA	NA	NA	NA	NA	161.8	NA	NA	350	6.54	16.93	NA	NA	NA
	6/22/2012	1.33	NA	NA	NA	NA	NA	124.9	NA	NA	466	6.61	19.5	NA	NA	NA
MW-7S	1/18/2010	1.69	0.103	57.4	NA	<0.0012	ND	68.6	300	40	687	6.31	17.25	NA	<0.0025	<0.0032
	6/21/2012	1.72	NA	NA	NA	NA	NA	116.4	NA	NA	901	6.30	21.80	NA	NA	NA
MW-7I	1/18/2010	0.73	NA	NA	NA	NA	NA	18.3	NA	NA	644	6.54	16.25	NA	NA	NA
	6/21/2012	0.31	NA	NA	NA	NA	NA	-29.1	NA	NA	712	6.66	22.88	NA	NA	NA
MW-7D	1/18/2010	2.46	NA	NA	NA	NA	NA	63.3	NA	NA	268	6.05	16.19	NA	NA	NA
	6/21/2012	2.82	NA	NA	NA	NA	NA	101.4	NA	NA	265	6.40	21.77	NA	NA	NA
MW-8S	1/18/2010	2.55	0.351	28.5	NA	0.0041	ND	-10.8	>400	40	469	14.04	13.47	NA	<0.0025	<0.0032
MW-8D	1/19/2010	0.68	0.463	28.1	NA	<0.0012	ND	52.8	>400	40	243	10.18	15.84	NA	<0.0025	<0.0032

Table 12: Analytical Data for Natural Attenuation Parameters **ADT 12**

DSCA ID No.: DC410019

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Nitrate	Sulfate	Major Cations	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Chloride (optional)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	mg/L	mg/L	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L
MW-9S	1/19/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9I	1/19/2010	1.66	NA	NA	NA	NA	NA	63.7	NA	NA	163	9	17.13	NA	NA	NA
	6/21/2012	2.87	NA	NA	NA	NA	NA	166.1	NA	NA	286	5.66	23.57	NA	NA	NA
MW-9D	1/19/2010	2.4	NA	NA	NA	NA	NA	57.6	NA	NA	214	9.27	17.03	NA	NA	NA
	6/21/2012	3.52	NA	NA	NA	NA	NA	138.7	NA	NA	165	6.41	21.6	NA	NA	NA
MW-10	6/30/2009	0.92	NA	NA	NA	NA	NA	98.1	NA	NA	304	5.82	17.83	NA	NA	NA
MW-11	1/20/2010	0.64	NA	NA	NA	NA	NA	184.7	NA	NA	411	6.2	16.36	NA	NA	NA
	6/20/2012	0.54	NA	NA	NA	NA	NA	134.6	NA	NA	314	6.00	22.22	NA	NA	NA
MW-12S	1/19/2010	2.13	NA	NA	NA	NA	NA	72.2	NA	NA	212	8.51	19.42	NA	NA	NA
	6/20/2012	1.87	NA	NA	NA	NA	NA	144.4	NA	NA	190	5.86	21.43	NA	NA	NA
MW-12D	1/19/2010	0.53	NA	NA	NA	NA	NA	58.1	NA	NA	247	8.85	18.65	NA	NA	NA
	6/20/2012	0.37	NA	NA	NA	NA	NA	128.1	NA	NA	220	5.82	21.16	NA	NA	NA
MW-13BR	1/18/2010	0.26	0.811	44	NA	0.0026	ND	-7	100	60	511	17	18.47	NA	<0.0025	<0.0032
	6/22/2012	0.45	NA	NA	NA	NA	NA	91.1	NA	NA	578	6.92	23.64	NA	NA	NA
MW-14BR	6/30/2009	0.89	NA	NA	NA	NA	NA	-88.1	NA	NA	569	6.87	17.24	NA	NA	NA
MW-15	1/19/2010	1.37	NA	NA	NA	NA	NA	142.4	NA	NA	382	6.2	16.71	NA	NA	NA
	6/20/2012	0.80	NA	NA	NA	NA	NA	104.7	NA	NA	501	6.84	17.78	NA	NA	NA
MW-16	1/19/2010	0.87	3.38	52.6	NA	<0.0012	ND	140.6	60	40	302	5.66	18.70	NA	<0.0025	<0.0032
	6/20/2012	0.74	NA	NA	NA	NA	NA	134.5	NA	NA	359	6.20	17.66	NA	NA	NA
MW-17	1/19/2010	0.65	NA	NA	NA	NA	NA	158.9	NA	NA	585	6.12	17.59	NA	NA	NA
	6/20/2012	0.68	NA	NA	NA	NA	NA	102.4	NA	NA	717	6.27	21.76	NA	NA	NA
MW-18	3/28/2016	7.10	NA	NA	NA	NA	NA	189.6	NA	NA	154	5.74	14.74	NA	NA	NA
MW-18BR	3/28/2016	8.26	NA	NA	NA	NA	NA	0.7	NA	NA	443	9.23	18.98	NA	NA	NA

Table 12(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 12(1)**

DSCA ID No.: DC410019

Sample ID	Sampling Date (mm/dd/yy)	Nitrite	Sulfide	Dehalococcoides spp.	tceA Reductase	bvcA Reductase	Vinyl Chloride Reductase									
	Units	mg/L	mg/L	cells/mL	cells/mL	cells/mL	cells/mL									
MW-1	1/18/2010	4.38	<0.05	NA	NA	NA	NA									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-2	1/20/2010	NA	NA	NA	NA	NA	NA									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-3	1/18/2010	NA	NA	<0.5	<0.5	<0.5	<0.5									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-4S	1/18/2010	2.96	<0.05	8.3	<0.5	<0.5	<0.5									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-4D	1/18/2010	3.61	<0.05	NA	NA	NA	NA									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-5S	1/20/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-5D	1/20/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-6	1/20/2010	NA	NA	NA	NA	NA	NA									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-7S	1/18/2010	7.17	<0.05	NA	NA	NA	NA									
	6/21/2012	NA	NA	NA	NA	NA	NA									
MW-7I	1/18/2010	NA	NA	NA	NA	NA	NA									
	6/21/2012	NA	NA	NA	NA	NA	NA									
MW-7D	1/18/2010	NA	NA	NA	NA	NA	NA									
	6/21/2012	NA	NA	NA	NA	NA	NA									
MW-8S	1/18/2010	4.29	<0.05	NA	NA	NA	NA									
MW-8D	1/19/2010	0.753	<0.05	NA	NA	NA	NA									

Table 12(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 12(1)**

DSCA ID No.: DC410019

Sample ID	Sampling Date (mm/dd/yy)	Nitrite	Sulfide	Dehalococcoides spp.	tceA Reductase	bvcA Reductase	Vinyl Chloride Reductase									
	Units	mg/L	mg/L	cells/mL	cells/mL	cells/mL	cells/mL									
MW-9S	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/21/2012	NA	NA	NA	NA	NA	NA									
MW-9I	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/21/2012	NA	NA	NA	NA	NA	NA									
MW-9D	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/21/2012	NA	NA	NA	NA	NA	NA									
MW-10	6/30/2009	NA	NA	NA	NA	NA	NA									
MW-11	1/20/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-12S	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-12D	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-13BR	1/18/2010	1.9	<0.05	NA	NA	NA	NA									
	6/22/2012	NA	NA	NA	NA	NA	NA									
MW-14BR	6/30/2009	NA	NA	NA	NA	NA	NA									
MW-15	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-16	1/19/2010	2.34	<0.05	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-17	1/19/2010	NA	NA	NA	NA	NA	NA									
	6/20/2012	NA	NA	NA	NA	NA	NA									
MW-18	3/28/2016	NA	NA	NA	NA	NA	NA									
MW-18BR	3/28/2016	NA	NA	NA	NA	NA	NA									

ATTACHMENT 4
Site Map Showing Location(s) of Monitoring Wells

EAST MARKET STREET
BURNETT'S CLEANERS
MW-1
MW-9s
MW-9i
MW-9d
MW-7s
MW-7i
MW-7d
MW-13BR
MW-3
MW-6
MW-2
MW-4s
MW-4d
MW-5s
MW-5d
MW-8s
MW-8d
RAILROAD
PEACHTREE STREET
MW-17
MW-12s
MW-12d
YORK STREET
MW-10
MW-14BR
MW-15
MW-11
ARBY COURT
GILLESPIE STREET
HILLSBORO STREET
SOUTH BOOKER STREET
SOUTH O'HENRY BOULEVARD
MW-16
RANKIN STREET
MW-18
MW-18BR
PERKINS STREET
PERKINS STREET

LEGEND

BUILDING OUTLINE (APPROXIMATE)

MONITORING WELL

ABANDONED MONITORING WELL

NOTE: WELLS DESIGNATED WITH "BR" ARE SCREENED IN BEDROCK. ALL OTHERS ARE SCREENED IN UNCONSOLIDATED OVERBURDEN.

N

75 0 150

1" = 150'

Project Management Initials: Designer: CJC Checked:CM Approved: ANSI B 11" x 17"

Last saved by: CAMPBELLC (2016-05-06) Last Plotted: 2016-05-06
Filename: Z:\CAD\PROJECTS\NINCDENR_DSCA_10767\BURNETT'S CLEANERS_41-0019\DWG\ATTACHMENT 4_SITE MAP_2016.DWG

AECOM

Attachment: 4

SITE MAP

DCSA SITE ID: DC410019
Burnett's Cleaners
1932 East Market Street, Greensboro, NC
Project No.: 60328596.B01 Date: 2016-05-06

ATTACHMENT 5
Well Completion Diagrams and Records of Construction

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

For Internal Use ONLY:

1. Well Contractor Information:

Rich Lemire
Well Contractor Name

2593A
NC Well Contractor Certification Number

SAEDACCO Inc
Company Name

2. Well Construction Permit #: 015-08-MW18-RW0 and WM0400980
List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:
☐Agricultural ☐Municipal/Public
☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)
☐Industrial/Commercial ☐Residential Water Supply (shared)
☐Irrigation

Non-Water Supply Well:
☒Monitoring ☐Recovery

Injection Well:
☐Aquifer Recharge ☐Groundwater Remediation
☐Aquifer Storage and Recovery ☐Salinity Barrier
☐Aquifer Test ☐Stormwater Drainage
☐Experimental Technology ☐Subsidence Control
☐Geothermal (Closed Loop) ☐Tracer
☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 3-24-2016 **Well ID#** MW-18

5a. Well Location:

BURNETTS CLEANERS — Facility/Owner Name
41-0019 — Facility ID# (if applicable)
, GREENSBORO, NC, 27401 — Physical Address, City, and Zip
GUILFORD — County
Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is (are) the well(s): ☒Permanent or ☐Temporary

7. Is this a repair to an existing well: ☐Yes or ☒No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1
*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 15' (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 7' (ft.)
If water level is above casing, use "+"

11. Borehole diameter: 8.25" (in.)

12. Well construction method: AUGERS
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	5' ft.	2" in.	SCH40	PVC

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
5' ft.	15' ft.	2" in.	.010	SCH40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	3' ft.	PORTLAND	POURED
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
4' ft.	15' ft.	SAND	#2
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	15 ft.	SILTY CLAY/SAND
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS
BENTONITE SET FROM 3'TO4'.

22. Certification:

Ricky L Lemire — Signature of Certified Well Contractor
3/26/2016 — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:
Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Rich Lemire
Well Contractor Name

2593A
NC Well Contractor Certification Number

SAEDACCO Inc
Company Name

2. Well Construction Permit #: 015-08-MW18-RW0 and WM0400980
List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:
☐Agricultural ☐Municipal/Public
☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)
☐Industrial/Commercial ☐Residential Water Supply (shared)
☐Irrigation

Non-Water Supply Well:
☒Monitoring ☐Recovery

Injection Well:
☐Aquifer Recharge ☐Groundwater Remediation
☐Aquifer Storage and Recovery ☐Salinity Barrier
☐Aquifer Test ☐Stormwater Drainage
☐Experimental Technology ☐Subsidence Control
☐Geothermal (Closed Loop) ☐Tracer
☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 3-24-2016 **Well ID#** MW-18BR

5a. Well Location:

BURNETTS CLEANERS — Facility/Owner Name
41-0019 — Facility ID# (if applicable)

, GREENSBORO, NC, 27401
Physical Address, City, and Zip

GUILFORD — County
Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is (are) the well(s): ☒Permanent or ☐Temporary

7. Is this a repair to an existing well: ☐Yes or ☒No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1
*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 45' (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 7' (ft.)
If water level is above casing, use "+"

11. Borehole diameter: 6" (in.)

12. Well construction method: AIR
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	30' ft.	6" in.	SCH40	PVC

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	35' ft.	2" in.	SCH40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
35' ft.	45' ft.	2" in.	.010	SCH40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	29' ft.	PORTLAND	POURED
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
33' ft.	45' ft.	SAND	#2
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	SILTY CLAY/SAND
30' ft.	45' ft.	ROCK
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

BENTONITE SET FROM 29' TO 33'.

22. Certification:

Ricky L Lemire — Signature of Certified Well Contractor
3/26/2016 — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

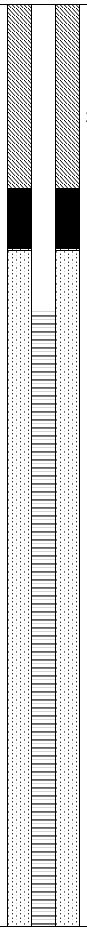
24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:
Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

AECOM	*Client/Site:* NCDEQ DSCA		**Boring ID: MW-18**
	Project Number: **60328596**		
	Site Location: Rankin Street, Greensboro, NC		
	Coordinates: *1773937.094 845440.772*	*Elevation:* *793.9406*	
	Drilling Method: H.S.A.		*Monitoring Well Installed: Y*
	Sample Type(s): *n/a*	*Boring Diameter: 4.25"*	*Screened Interval: 5-15 ft bgs*
Weather: Clear, 70s	*Logged By:* B. Donovan	*Date:* 03/23/16	*Depth of Boring: 15 ft bgs*
Drilling Contractor: *SAEDACCO*	*Ground Elevation:* *794.142*	*Time:* *1040*	*Water Level: 7.78 ft bgs*

Depth (ft)	Sample Depth (ft)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)
	0.5-1		**CL**	Red CLAY, moist
	1-5		**ML**	Tan, brown SANDY SILT, dry.
5	**5-8**		**ML**	SAA, moist
	8-9		**ML**	Light tan SANDY SILT. Moist
10	**9-15**		**ML**	Tan, brown SANDY SILT, wet.
15				
20				



NOTES:

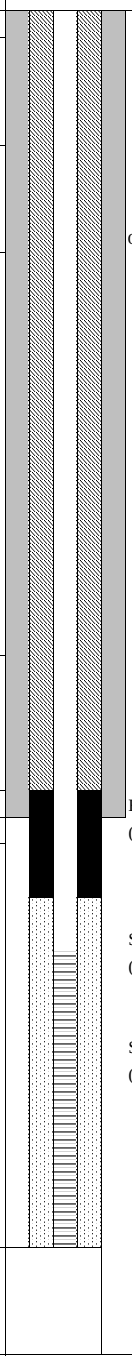
Boring terminated at 15' bgs at AECOM request
PID malfunctioned in field and therefore no headspace readings were taken.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

AECOM	*Client/Site:* NCDEQ DSCA		**Boring ID: MW-18BR**
	Project Number: **60328596**		
	Site Location: Rankin Street, Greensboro, NC		
	Coordinates: 1773927.331 845440.601	*Elevation:* 794.7674	
	Drilling Method: H.S.A. & Air Rotary		*Monitoring Well Installed: Y*
	Sample Type(s): n/a	*Boring Diameter:* 8.75"	*Screened Interval: 35-45 ft bgs*
Weather: Clear, 70s	*Logged By:* B. Donovan	*Date:* 03/23/16	*Depth of Boring: 47 ft bgs*
Drilling Contractor: SAEDACCO	*Ground Elevation:* 794.92	*Time:* 1040	*Water Level: 7.78 ft bgs*

Depth (ft)	Sample Depth (ft)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)
	0-1.5		**CL**	Red CLAY. Moist, non-cohesive
	1.5-5		**ML**	Tan, brown SANDY SILT. Moist
	5-9		**ML**	SAA, but more cohesive
10	**9-24**		**ML**	SAA, some rock fragments present, wet.
20	**24-29**		**ML**	Gray-green SILT. Very wet. Low recovery of cuttings.
30	**29-30.5**		**PWR**	PWR texture, SAA
	30.5-31		**Rock**	Competent Rock. Auger Refusal.
40	**31-46**		**Rock**	(36-40): Competent Rock (40-43): Fractured Rock. Water producing zone. (43-46): More competent rock again
50				



Date	Time	Depth to groundwater while drilling

NOTES:

Boring terminated at 47' bgs at AECOM request
PID malfunctioned in field and therefore no headspace readings were taken.

Checked by _____ Date:_____

ATTACHMENT 7
Groundwater Contaminant Concentration Map

ANSI B 11" x 17"

Approved:

Checked:CM

Designer: CJC

Project Management Initials:

Last saved by: CAMPBELLC (2016-05-06) Last Plotted: 2016-06-30
Filename: Z:\CAD\PROJECTS\NINCDENR_DSCA_10767\BURNETT'S CLEANERS_41-0019\DWG\ATTACHMENT 7_PCE ISOCAN MAP_2016.DWG

AECOM

Attachment: 7

PCE ISOCONCENTRATION MAP

DCSA SITE ID: DC410019
Burnett's Cleaners
1932 East Market Street, Greensboro, NC
Project No.: 60328596.B01 Date: 2016-06-30

BURNETT'S CLEANERS
EAST MARKET STREET
RAILROAD
PEACHTREE STREET
YORK STREET
HILLSBORO STREET
PERKINS STREET
RANKIN STREET
ARBY COURT
GILLESPIE STREET
SOUTH BOOKER STREET
SOUTH O'HENRY BOULEVARD

MW-1 (0.013)
MW-2 (0.012)
MW-3 (3.2)
MW-4s (2.5)
MW-4d (0.0022)
MW-5s (<0.0007)
MW-5d (<0.035)
MW-6 (<0.0007)
MW-7s (<0.0007)
MW-7i (<0.0007)
MW-7d (<0.0007)
MW-8s (NS)
MW-8d (NS)
MW-9s (<0.0007)
MW-9i (<0.0007)
MW-9d (<0.0007)
MW-10
MW-11 (<0.0007)
MW-12s (<0.0007)
MW-12d (<0.0007)
MW-13BR (<0.0035)
MW-14BR
MW-15 (<0.0007)
MW-16 (<0.0007)
MW-17 (<0.0007)
MW-18 (<0.0005)
MW-18BR (<0.0005)

0.07
0.007
0.0007

LEGEND

- BUILDING OUTLINE (APPROXIMATE)
- MONITORING WELL
- ABANDONED MONITORING WELL
- 0.07 — GROUNDWATER PCE ISOCONTOUR (mg/L) (DASHED WHERE INFERRED)
- (<0.035) — PCE ISOCONCENTRATION (mg/L)
- mg/L — MILLIGRAMS PER LITER
- PCE — TETRACHLOROETHYLENE
- (NS) — NOT SAMPLED

NOTES:
1. WELLS DESIGNATED WITH "BR" ARE SCREENED IN BEDROCK. ALL OTHERS ARE SCREENED IN UNCONSOLIDATED OVERBURDEN.
2. MONITORING WELLS MW-18 AND MW-18BR SAMPLED ON MARCH 28, 2016. REMAINING MONITORING WELLS SAMPLED BETWEEN JUNE 20, 2012 AND JUNE 22, 2012.
3. ALL RESULTS REPORTED IN mg/L.

N

75 0 150

1" = 150'

ATTACHMENT 15
Laboratory Analytical Report

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

AECOM
701 Corporate Center Drive
Suite 475
Raleigh, NC 27607
Attention: Chris Mason

Project Name: **Burnetts Cleaners**

Project Number: **60328596**

Lot Number: **RC30006**

Date Completed: **04/04/2016**

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative

AECOM

Lot Number: RC30006

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

AECOM

Lot Number: RC30006

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW18	Aqueous	03/28/2016 1220	03/30/2016
002	MW18BR	Aqueous	03/28/2016 1325	03/30/2016

(2 samples)

Executive Summary

AECOM

Lot Number: RC30006

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW18	Aqueous	Chloroform	8260B	1.4		ug/L	5
002	MW18BR	Aqueous	Chloroform	8260B	0.79		ug/L	7
002	MW18BR	Aqueous	Trichloroethene	8260B	6.7		ug/L	8

(3 detections)

Volatile Organic Compounds by GC/MS

Client: **AECOM** Laboratory ID: **RC30006-001**

Description: **MW18** Matrix: **Aqueous**

Date Sampled: **03/28/2016 1220**

Date Received: **03/30/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/02/2016 0307	ECP		99950

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	1.7	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.20	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.24	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.31	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.27	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.6	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.17	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.21	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.16	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.34	ug/L	1
Chloroform	**67-66-3**	**8260B**	**1.4**		**0.50**	**0.20**	**ug/L**	**1**
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.24	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.36	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.18	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.23	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.23	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.18	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.26	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.21	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.24	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.18	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.24	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.19	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.40	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.13	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.24	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.18	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.38	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.14	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.20	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.18	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.23	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.24	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.23	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.23	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.15	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.37	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.27	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **AECOM**
Laboratory ID: **RC30006-001**
Description: **MW18**
Matrix: **Aqueous**
Date Sampled: **03/28/2016 1220**
Date Received: **03/30/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/02/2016 0307	ECP		99950

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.27	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.20	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.21	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		113	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **AECOM**
Laboratory ID: **RC30006-002**
Description: **MW18BR**
Matrix: **Aqueous**
Date Sampled: **03/28/2016 1325**
Date Received: **03/30/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/02/2016 0330	ECP		99950

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	1.7	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.20	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.24	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.31	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.27	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.6	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.17	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.21	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.16	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.34	ug/L	1
Chloroform	**67-66-3**	**8260B**	**0.79**		**0.50**	**0.20**	**ug/L**	**1**
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.24	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.36	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.18	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.23	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.23	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.18	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.26	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.21	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.24	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.18	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.24	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.19	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.40	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.13	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.24	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.18	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.38	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.14	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.20	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.18	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.23	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.24	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.23	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.23	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.15	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.37	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.27	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **AECOM**
Laboratory ID: **RC30006-002**
Description: **MW18BR**
Matrix: **Aqueous**
Date Sampled: **03/28/2016 1325**
Date Received: **03/30/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/02/2016 0330	ECP		99950

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	**79-01-6**	**8260B**	**6.7**		**0.50**	**0.27**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.20	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.21	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	70-130
Bromofluorobenzene		112	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ99950-001
Batch: 99950
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	1.7	ug/L	04/01/2016 2234
Benzene	ND		1	0.50	0.20	ug/L	04/01/2016 2234
Bromodichloromethane	ND		1	0.50	0.24	ug/L	04/01/2016 2234
Bromoform	ND		1	0.50	0.31	ug/L	04/01/2016 2234
Bromomethane (Methyl bromide)	ND		1	0.50	0.27	ug/L	04/01/2016 2234
2-Butanone (MEK)	ND		1	10	1.6	ug/L	04/01/2016 2234
Carbon disulfide	ND		1	0.50	0.17	ug/L	04/01/2016 2234
Carbon tetrachloride	ND		1	0.50	0.21	ug/L	04/01/2016 2234
Chlorobenzene	ND		1	0.50	0.16	ug/L	04/01/2016 2234
Chloroethane	ND		1	0.50	0.34	ug/L	04/01/2016 2234
Chloroform	ND		1	0.50	0.20	ug/L	04/01/2016 2234
Chloromethane (Methyl chloride)	ND		1	0.50	0.35	ug/L	04/01/2016 2234
Cyclohexane	ND		1	0.50	0.24	ug/L	04/01/2016 2234
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.36	ug/L	04/01/2016 2234
Dibromochloromethane	ND		1	0.50	0.18	ug/L	04/01/2016 2234
1,2-Dibromoethane (EDB)	ND		1	0.50	0.23	ug/L	04/01/2016 2234
1,2-Dichlorobenzene	ND		1	0.50	0.19	ug/L	04/01/2016 2234
1,3-Dichlorobenzene	ND		1	0.50	0.23	ug/L	04/01/2016 2234
1,4-Dichlorobenzene	ND		1	0.50	0.18	ug/L	04/01/2016 2234
Dichlorodifluoromethane	ND		1	0.50	0.26	ug/L	04/01/2016 2234
1,1-Dichloroethane	ND		1	0.50	0.21	ug/L	04/01/2016 2234
1,2-Dichloroethane	ND		1	0.50	0.13	ug/L	04/01/2016 2234
cis-1,2-Dichloroethene	ND		1	0.50	0.21	ug/L	04/01/2016 2234
1,1-Dichloroethene	ND		1	0.50	0.18	ug/L	04/01/2016 2234
trans-1,2-Dichloroethene	ND		1	0.50	0.24	ug/L	04/01/2016 2234
1,2-Dichloropropane	ND		1	0.50	0.24	ug/L	04/01/2016 2234
cis-1,3-Dichloropropene	ND		1	0.50	0.21	ug/L	04/01/2016 2234
trans-1,3-Dichloropropene	ND		1	0.50	0.19	ug/L	04/01/2016 2234
Ethylbenzene	ND		1	0.50	0.19	ug/L	04/01/2016 2234
2-Hexanone	ND		1	10	0.40	ug/L	04/01/2016 2234
Isopropylbenzene	ND		1	0.50	0.13	ug/L	04/01/2016 2234
Methyl acetate	ND		1	1.0	0.24	ug/L	04/01/2016 2234
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.18	ug/L	04/01/2016 2234
4-Methyl-2-pentanone	ND		1	10	0.38	ug/L	04/01/2016 2234
Methylcyclohexane	ND		1	5.0	0.14	ug/L	04/01/2016 2234
Methylene chloride	ND		1	0.50	0.20	ug/L	04/01/2016 2234
Styrene	ND		1	0.50	0.18	ug/L	04/01/2016 2234
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.23	ug/L	04/01/2016 2234
Tetrachloroethene	ND		1	0.50	0.24	ug/L	04/01/2016 2234
Toluene	ND		1	0.50	0.23	ug/L	04/01/2016 2234
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.23	ug/L	04/01/2016 2234
1,2,4-Trichlorobenzene	ND		1	0.50	0.15	ug/L	04/01/2016 2234
1,1,1-Trichloroethane	ND		1	0.50	0.37	ug/L	04/01/2016 2234
1,1,2-Trichloroethane	ND		1	0.50	0.27	ug/L	04/01/2016 2234

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ99950-001
Batch: 99950
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.27	ug/L	04/01/2016 2234
Trichlorofluoromethane	ND		1	0.50	0.20	ug/L	04/01/2016 2234
Vinyl chloride	ND		1	0.50	0.21	ug/L	04/01/2016 2234
Xylenes (total)	ND		1	0.50	0.32	ug/L	04/01/2016 2234

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		110	70-130
1,2-Dichloroethane-d4		106	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ99950-002
Batch: 99950
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	117	60-140	04/01/2016 2127
Benzene	50	52		1	104	70-130	04/01/2016 2127
Bromodichloromethane	50	54		1	108	70-130	04/01/2016 2127
Bromoform	50	45		1	89	70-130	04/01/2016 2127
Bromomethane (Methyl bromide)	50	56		1	111	60-140	04/01/2016 2127
2-Butanone (MEK)	100	110		1	105	60-140	04/01/2016 2127
Carbon disulfide	50	50		1	101	60-140	04/01/2016 2127
Carbon tetrachloride	50	51		1	102	70-130	04/01/2016 2127
Chlorobenzene	50	52		1	105	70-130	04/01/2016 2127
Chloroethane	50	47		1	94	60-140	04/01/2016 2127
Chloroform	50	56		1	112	70-130	04/01/2016 2127
Chloromethane (Methyl chloride)	50	64		1	127	50-130	04/01/2016 2127
Cyclohexane	50	47		1	94	70-130	04/01/2016 2127
1,2-Dibromo-3-chloropropane (DBCP)	50	52		1	105	70-130	04/01/2016 2127
Dibromochloromethane	50	50		1	100	70-130	04/01/2016 2127
1,2-Dibromoethane (EDB)	50	53		1	106	70-130	04/01/2016 2127
1,2-Dichlorobenzene	50	53		1	107	70-130	04/01/2016 2127
1,3-Dichlorobenzene	50	52		1	103	70-130	04/01/2016 2127
1,4-Dichlorobenzene	50	51		1	102	70-130	04/01/2016 2127
Dichlorodifluoromethane	50	56		1	113	60-140	04/01/2016 2127
1,1-Dichloroethane	50	57		1	115	70-130	04/01/2016 2127
1,2-Dichloroethane	50	56		1	112	70-130	04/01/2016 2127
cis-1,2-Dichloroethene	50	48		1	96	70-130	04/01/2016 2127
1,1-Dichloroethene	50	50		1	100	70-130	04/01/2016 2127
trans-1,2-Dichloroethene	50	52		1	105	70-130	04/01/2016 2127
1,2-Dichloropropane	50	51		1	102	70-130	04/01/2016 2127
cis-1,3-Dichloropropene	50	54		1	108	70-130	04/01/2016 2127
trans-1,3-Dichloropropene	50	55		1	111	70-130	04/01/2016 2127
Ethylbenzene	50	52		1	105	70-130	04/01/2016 2127
2-Hexanone	100	130		1	128	60-140	04/01/2016 2127
Isopropylbenzene	50	52		1	103	70-130	04/01/2016 2127
Methyl acetate	50	59		1	118	60-140	04/01/2016 2127
Methyl tertiary butyl ether (MTBE)	50	52		1	105	70-130	04/01/2016 2127
4-Methyl-2-pentanone	100	120		1	123	60-140	04/01/2016 2127
Methylcyclohexane	50	49		1	98	70-130	04/01/2016 2127
Methylene chloride	50	55		1	111	70-130	04/01/2016 2127
Styrene	50	51		1	101	70-130	04/01/2016 2127
1,1,2,2-Tetrachloroethane	50	54		1	107	70-130	04/01/2016 2127
Tetrachloroethene	50	52		1	105	70-130	04/01/2016 2127
Toluene	50	51		1	103	70-130	04/01/2016 2127
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	93	70-130	04/01/2016 2127
1,2,4-Trichlorobenzene	50	45		1	89	70-130	04/01/2016 2127
1,1,1-Trichloroethane	50	50		1	101	70-130	04/01/2016 2127
1,1,2-Trichloroethane	50	49		1	98	70-130	04/01/2016 2127

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Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ99950-002
Batch: 99950
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	47		1	93	70-130	04/01/2016 2127
Trichlorofluoromethane	50	57		1	114	60-140	04/01/2016 2127
Vinyl chloride	50	56		1	111	60-140	04/01/2016 2127
Xylenes (total)	100	110		1	107	70-130	04/01/2016 2127

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		113	70-130
1,2-Dichloroethane-d4		106	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
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Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Chain of Custody
and
Miscellaneous Documents

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 58173

Client: AECOM	Report to Contact: Chris Mason	Telephone No. / E-mail: christopher.mason@aecom.com	Quote No.
Address: 11000 Perimeter Park Dr Suite 400	Sampler's Signature: X	Analysis (Attach list if more space is needed)	Page 1 of 1
City: Morrisville State: NC Zip Code: 27560	Printed Name: Beth Donovan		RC30006
Project Name: Burnetts Cleaners			
Project No.: 60329596	P.O. No.		

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	Ascorbic Acid	8260 - VOC	Remarks / Cooler I.D.
MW18	03/28/16	1220	G	X						3			X	
MW18BR	03/28/16	1325	G	X						3			X	

Turn Around Time Required (Prior lab approval required for expedited TAT.) ☒ Standard ☐ Rush (Specify)

Sample Disposal ☐ Return to Client ☒ Disposal by Lab

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Beth Donovan	3/29/16	1200	1. Received by: FEDEX		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by: FedEx	3/30/16	0930	4. Laboratory received by	3/30/16	0930

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Circle) (Yes) No Ice Pack Receipt Temp 3.0 °C 3095

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 09-01-2014

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: ME0018C-04

Page 1 of 1
Effective Date: 02/05/2016
Expiry Date: 02/05/2021

Sample Receipt Checklist (SRC)

Client: AECOM Cooler Inspected by/date: mcm /03/30/16 Lot #: R-C 200016

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Other			
Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?
pH strip ID:_____ Cl strip ID:_____ Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt: 3095/3.0/3.0 °C ___/___/___ °C ___/___/___ °C ___/___/___ °C Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0.0 °C Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None			
Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM was notified by: phone / email / face-to-face (circle one).
Yes ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		13. Was adequate sample volume available?
Yes ☑	No ☐		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		15. Were any samples containers missing/excess (circle one) samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☐	No ☑		22. Was the quote number used taken from the container label?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4, HNO3, HCl, NaOH) using SR # _____.			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Samples(s) _____ were received with TRC >0.2 mg/L (If #21 is No) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: _____.			
SC Drinking Water Project Sample(s) pH verified to be ≤2 by _____ Date: _____ Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR# _____			
Sample labels applied by: mcm Verified by: _____ Date: 3/30/16			

Comments: _____