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Supplemental Site Assessment Report

Delavan Spray Technologies
Bamberg, South Carolina
DHEC Site ID #02211

H&H Job No. UTC-006
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Supplemental Site Assessment Report
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. UTC-006

1.0 Introduction

This Supplemental Site Assessment Report has been prepared by Hart & Hickman, PC (H&H) on behalf of Delavan Spray, LLC and describes environmental assessment conducted at the Delavan Spray Technologies site in Bamberg, South Carolina. The purpose of the assessment was to determine the nature and general extent of potential constituents of interest (PCOIs) at seven areas of interest. On August 21, 2012, H&H submitted a work plan to DHEC for additional assessment activities. Following DHEC's approval on August 22, 2012, H&H completed the proposed assessment activities from August 22 to 24, 2012. This report presents the findings of the assessment, conducted the week of August 20 2012.

A site location map is presented as Figure 1, and a site map is presented as Figure 2. The seven areas of interest are depicted on Figure 3 and listed below.

- Former Eastern tetrachloroethene (PCE) Secondary Containment Area (east side of the main building)
- Former PCE Underground Storage Tank (UST)
- Former Northern Secondary Containment Area (north side of the main building)
- Two Former Degreasers
- Two Wooded Areas of Interest

2.0 Assessment Activities

During the week of August 20, 2012, H&H conducted soil gas field screening, soil sampling, and groundwater sampling activities at the site. Sampling methodology is discussed in the sections below.

2.1 Soil Gas Screening

Soil gas screening was conducted at 18 locations in the northwestern wooded area (SG-1 through SG-5 and SG-18 through SG-30) and 12 locations in the northeastern wooded area (SG-6 through SG-17). The temporary soil gas probes were installed using a decontaminated stainless steel hand auger and an AMS Gas Vapor Probe Kit. H&H advanced each soil boring to approximately 1 ft below ground surface (bgs) using the hand auger. Subsequently, H&H utilized the AMS kit to advance a 0.625-inch diameter stainless steel probe with an approximate 1-inch long soil gas screen fitted with 0.25-inch diameter Teflon® tubing to a depth of approximately 1.5 ft bgs.

Filter sand was placed in the annular space between the borehole and soil gas screen from the bottom of the boring to approximately five inches above the soil gas screen. Hydrated bentonite was placed from the top of the sand (approximately 1 ft bgs) to the ground surface.

Prior to screening for soil gas, H&H purged the tubing using a dedicated disposable syringe. Following the purging process, H&H connected a photo-ionization detector (PID) capable of reading as low as one part per billion (ppb) to the tubing and allowed the readings to stabilize.

2.2 Soil Sampling

Soil sampling was conducted in each of the seven areas of interest. The areas of interest and corresponding soil samples are listed below.

- Former Eastern PCE Secondary Containment Area (east side of the main building) – DPT-8 through DPT-14 and DPT-24 through DPT-27
- Former PCE UST – DPT-5 through DPT-7, DPT-19, and DPT-20
- Former Northern Secondary Containment Area (north side of the main building) – DPT-1, DPT-2, DPT-15, DPT-16, DPT-21 through DPT-23
- Wooded Areas of Interest – DPT-17 and DPT-18
- Former PCE Degreasers – DPT-3 and DPT-4

H&H utilized Probe Technology, Inc., a South Carolina-licensed driller, to advance the soil borings using hand auger and Geoprobe® direct-push technology (DPT) methods. At DPT boring locations, soil cores were continuously retrieved within a macrocore sampler for visual characterization and soil vapor screening using a PID. At hand auger boring locations, soil was placed directly into sealed bags for visual characterization and soil vapor screening. Boring logs including PID readings are included in Appendix A.

Generally, the soil borings were advanced to the water table. However, DPT-4, DPT-9, and DPT-11 through DPT-14 locations were inaccessible by the Geoprobe rig, and DPT-10 was a shallow re-sample location. Therefore, these borings were terminated prior to encountering the water table.

Based upon field screening results, one to two soil samples were submitted for laboratory analysis from each soil boring. In the Wooded Areas of Interest, a soil sample was collected for laboratory analysis from the location of the highest soil gas screening concentration in each area (i.e. northwestern and northeastern wooded areas). Soil samples were submitted for laboratory analysis of VOCs by EPA Method 8260B.

2.3 Groundwater Sampling

H&H advanced soil borings DPT-7 and DPT-16 beyond the water table and installed temporary monitoring wells to sample groundwater. MWT-4 and MWT-5 were installed in the vicinity of the Former PCE UST and in the Former Northern Secondary Containment Area, respectively.

Temporary monitoring wells MWT-4 and MWT-5 were installed at depths of 20 ft and 18 ft, respectively. The temporary wells were constructed of 1-inch diameter PVC casing with 15 ft of 0.010-slot PVC well screen placed to bracket the water table. Filter sand was added to the well annulus to approximately 1 to 2 ft above the screened interval, followed by a bentonite seal to the ground surface. Temporary monitoring well construction records are provided in Appendix B. A temporary monitoring well data summary is presented in Table 1.

Following well installation, H&H purged the wells until a minimum of three well volumes were removed and field measurements of temperature, pH, and conductivity stabilized. Groundwater samples were collected using dedicated disposable Teflon bailers connected to nylon rope. Groundwater sampling forms including field measurements are provided in Appendix C. Groundwater samples were submitted for laboratory analysis of VOCs by EPA Method 8260B. Following sampling, the temporary monitoring wells were abandoned by the Probe Technologies (abandonment records are provided in Appendix B).

2.4 Sample Handling Procedures

The soil and groundwater samples were submitted to TestAmerica, Inc., a South Carolina-certified laboratory. Dedicated laboratory-supplied sample kits and bottles were used for sample collection. The samples were placed in an iced cooler after collection. A chain-of-custody record was completed for the samples collected and included the sample description, date collected, time collected, matrix, sample container information, and analyses required. The chain-of-custody was signed by H&H prior to placement in the iced sample cooler for shipment to the laboratory.

2.5 Investigation-Derived Waste (IDW) Management

Purge groundwater, decontamination water, and soil cuttings generated during the sampling activities were containerized in labeled 55-gallon drums. For waste characterization purposes, H&H collected one composite water sample (labeled IDW WATER) and one composite soil sample (labeled IDW SOIL) from the 55-gallon drums for Toxicity Characteristic Leaching Procedure (TCLP) VOCs and TCLP metals analyses. The results of the TCLP analyses indicate the presence of PCE (0.961 mg/L) in IDW WATER above the Toxicity Characteristic Hazardous Waste Screening Level of 0.7 mg/L. IDW SOIL did not contain constituent concentrations above TCLP criteria. Based upon the TCLP results, Delavan facility personnel will manage the water drum as a hazardous waste and the soil drum as a non-hazardous waste. The laboratory analytical data and chain-of-custody record for the IDW samples are provided in Appendix D.

IDW water Hazardous

2.6 Survey of Sampling Locations

Following completion of the soil gas field screening, soil sampling and groundwater sampling activities, Edisto Engineers and Surveyors, Inc. of Orangeburg, South Carolina surveyed the locations of the soil gas screening locations, soil borings, and temporary monitoring wells. A copy of the survey dated August 29, 2012 is included as Appendix E.

3.0 Sampling Results

Soil gas field screening results, soil analytical results, and groundwater analytical results are summarized in the sections below. Sample locations are depicted on Figure 3. The results are presented in Tables 2, 3, and 4, and depicted on Figures 4 through 7. The laboratory analytical report and chain-of-custody record are provided in Appendix D.

3.1 Former Eastern PCE Secondary Containment Area

Soil analytical results for 13 soil samples collected based on field screening results from 11 soil borings in the vicinity of the Former Eastern PCE Secondary Containment Area indicate the presence of PCE ranging from 0.00235 mg/kg in DPT-10 (2 ft) to 0.0704 mg/kg in DPT-13 (3-4 ft). Soil sample results for the Former Eastern PCE Secondary Containment Area are depicted on Figure 7.

0.9L.6 above gw SSC

3.2 Former PCE UST

Soil analytical results for 6 soil samples (one was a duplicate QA sample) collected from 5 borings based on field screening results in the vicinity of the Former PCE UST indicate the presence of PCE in DPT-7 (4-5 ft) at a concentration of 5.69 mg/kg. TCE (0.00214 mg/kg) was detected in the duplicate sample collected at the DPT-7 location. No other target VOCs were detected in soil above the laboratory reporting limits. Soil sample results for the Former PCE UST are presented in Table 3 and depicted on Figure 5.

Groundwater analytical results for MWT-4 (Table 4) indicate the presence of several chlorinated VOCs including PCE (148,000 µg/L), TCE (508 µg/L), and cis-1,2-dichloroethene (72.1 µg/L), in addition to several petroleum constituents (i.e. ethylbenzene, toluene, xylenes, etc.). Groundwater sample results for the Former PCE UST are depicted on Figure 6.

3.3 Former Northern Secondary Containment Area

Seven soil borings were advanced in the vicinity of the Former Northern Secondary Containment Area and one sample was collected from each of these borings based on field screening results. Soil analytical results (Table 3) indicate the presence of PCE in DPT-15 (2- 3 ft) at a concentration of 0.00563 mg/kg. Acetone (0.107 mg/kg) was detected in DPT-22 (0-1 ft). Acetone is a common laboratory contaminant; therefore, this detection is not likely representative of site soil conditions. No other VOCs were detected in soil above the laboratory reporting limits. Soil sample results for the Former Northern Secondary Containment Area are depicted on Figure 5.

Groundwater analytical results for MWT-5 (Table 4) indicate the presence of PCE (1.03 μg/L). No other VOCs were present in groundwater above the laboratory reporting limits. Groundwater results for the Former Northern Secondary Containment Area are depicted on Figure 6.

3.4 Former Degreaser Areas

One soil boring in the vicinity of each of the two the former degreasers were advanced and one sample was collected from these borings based on field screening results. Soil analytical results for soil sample DPT-3 (1-2 ft) collected at the former northern degreaser contained PCE (4.82 mg/kg) and TCE (0.00337 mg/kg). Low levels of the VOCs 1,1,1-trichloroethane (0.00776 mg/kg) and 1,2,4-trimethylbenzene (0.00346 mg/kg) were also detected in DPT-3.

Soil analytical results for soil sample DPT-4 (2-3 ft) collected at the former southern degreaser contained PCE (0.659 mg/kg). No other VOCs were detected in this soil sample above the laboratory reporting limits. Soil sample results for the Former Degreaser Areas are presented in Table 3 and depicted on Figure 5.

3.5 Wooded Areas of Interest

Soil gas screening results from 12 soil gas borings in the northeastern wooded area (Table 2) indicate the presence of soil vapor concentrations ranging from 0.062 ppm at SG-6 to 58.64 ppm at SG-12. Soil vapor concentrations at 18 soil gas borings in the northwestern wooded area range from non-detect at SG-20 to 451.5 ppm at SG-4. Soil gas screening results are depicted on Figure 4.

One soil sample was collected for laboratory analysis at each of the two wooded areas of interest from the soil gas screening location with the highest soil gas screening results (i.e. SG-4/DPT-17 and SG-12/DPT-18). VOCs were not detected above the laboratory reporting limits in DPT-17 (3-4 ft), and results indicate the presence of PCE (0.566 mg/kg) and TCE (0.00382 mg/kg) in DPT-18 (3-4 ft). Soil sample results for the Wooded Areas of Interest are presented in Table 3 and depicted on Figure 4.

3.6 Quality Control Samples

Field quality control samples were collected for the August 2012 assessment and results are summarized below:

- A trip blank comprised of two 40 mL vials pre-filled with laboratory grade deionized water accompanied the sampling team for the duration of the assessment. The trip blank was analyzed for VOCs by EPA Method 8260B, and no VOCs were detected.

- H&H collected three rinseate blanks by pouring laboratory grade deionized water through a stainless steel hand auger (RINSE H.A.), an acetate sleeve within a macrocore sampler (RINSE DPT SLEEVE), and a Teflon bailer (RINSE BAILER). The rinseate blanks were analyzed for VOCs by EPA Method 8260B, and no VOCs were detected.

- H&H collected one blind duplicate soil sample (DUP-1) and one blind duplicate

groundwater sample (DUP-2) from sample locations with the highest suspected concentrations of VOCs. DUP-1 was collected from DPT-7 (4-5 ft) and DUP-2 was collected from temporary monitoring well MWT-4. The samples and their corresponding duplicates contained similar VOC concentrations.

- Low levels of chloroform were detected in several soil samples. Chloroform is a common laboratory contaminant and was detected in a laboratory method blank; therefore, these detections are not likely representative of site soil conditions.

Laboratory analytical results for the quality control samples are provided in Appendix D.

4.0 Site Conceptual Model

H&H developed a site conceptual model based on assessment data available, beginning November 2009 and updated the conceptual model as new wells have been installed. The most recent update was submitted to DHEC in H&H's *Additional Groundwater Assessment and Semi-Annual Monitoring Report* dated September 6, 2011 (following installation and sampling of the two off-site nested well pairs MW-15/15D and MW-16/16D). Based on the data presented in this current Report, additional refinements have been made and are presented below. Please note that the site conceptual model is based upon data collected to date and may be refined based upon future assessment information. The current site conceptual model is as follows:

- The following areas have been identified as potential source areas at the Site:
    - Groundwater data indicate the former PCE UST is a source area for VOCs in Site groundwater.
    - Although no groundwater assessment has been conducted in the vicinity of the Former PCE Degreasers, August 2012 soil analytical data suggests that the former northern degreaser may be a potential source area.
    - Potential sources of lesser concentration exist at the southern degreaser area and the northeastern wooded area.
    - Recent sampling at the Former Eastern PCE Secondary Containment Area do not indicate significant soil concentrations, but a single 2002 shallow soil sample of 21 mg/kg PCE at this location may serve as a potential source.

but they do exceed SSCs

- The primary compounds which have been detected in groundwater at the Site are PCE and the degradation products TCE, cis-1,2-DCE, and 1,1-DCE.

- The highest concentrations of PCE in shallow groundwater are present at the Former PCE UST area in the south-central portion of the Site.

- The Site geology consists of three general units. The upper unit consists of sands, clayey

sands, and sandy clays, and contains a higher percentage of clay and silty layers in the northern portion of the Site. The middle zone consists of fossiliferous limestone with poorly to well-cemented shell fragments. The lower zone is a calcareous loose to moderately cemented fine to medium grained clayey sandstone.

- Horizontal shallow groundwater flow is primarily toward a north-south trending groundwater trough located in the center of the Site. A shallow groundwater high exists in the northern portion of the Site with shallow groundwater flow in multiple directions from the high. Shallow groundwater in the southwest of the Site discharges to Halfmoon Creek. Previous groundwater data indicates very little migration of PCOIs in shallow groundwater to the north of the site.

- Horizontal deeper groundwater flow is to the south and is consistent with regional topography and drainage.

- Groundwater also flows vertically due to the presence of vertical hydraulic gradients. In the southern portion of the Site, shallow groundwater in the uppermost sand and clay aquifer zone has a downward gradient to the underlying fossiliferous limestone aquifer zone. However, downward vertical flow between the shallow and fossiliferous limestone zones is impeded in the northern portion of the Site due to clayey and silty layers at depth in the uppermost unit. Groundwater moves laterally in the fossiliferous limestone aquifer zone which is the primary zone of groundwater transport in the Site area.

- Primary transport of VOCs in groundwater is in the fossiliferous limestone aquifer zone. The neutral vertical gradient between the lowermost sandstone zone and the overlying fossiliferous limestone aquifer zone limits deeper vertical migration of VOCs in groundwater.

- PCE in deeper groundwater is present in the southern and western portions of the Site. PCE migration from the shallow aquifer zone into the deeper aquifer in the northern

portion of the Site is limited by the presence of clayey and silty layers in the uppermost aquifer zone in the northern portion of the Site.

- Anaerobic degradation of PCE is occurring at the Site, but may be limited by the low organic carbon content of the aquifer and by the presence of low shallow aquifer pH.

Table 1 (Page 1 of 1)
Monitoring Well Data Summary
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. UTC-006

Temporary Monitoring Well Identification	Date Measured	Total Depth (ft bgs)	Screened Interval (ft bgs)	Approximate Water Table Depth (ft bgs)
MWT-4	8/24/2012	20	5 - 20	11.33 [1]
MWT-5	8/24/2012	18	3 - 18	11.09 [1]

Notes:
MWT-4 and MWT-5 were installed and abandoned by H&H (Probe Technologies) on August 24, 2012.
[1] Depth to groundwater was measured 1 to 2 hours after installation; therefore, the water levels were not at equilibrium.
ft bgs = feet below ground surface

Table 2 (Page 1 of 1)
Summary of Soil Gas Screening Results
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. UTC-006

	Date	Sample ID	ppb RAE Soil Gas Reading from ~1.5 ft (ppm)
Northwestern Wooded Area	8/22/2012	SG-1	2.041
	8/22/2012	SG-2	8.038
	8/22/2012	SG-3	38.92
	8/22/2012	SG-4	451.5
	8/22/2012	SG-5	346.5
	8/23/2012	SG-18	20.89
	8/23/2012	SG-19	39.66
	8/23/2012	SG-20	0.0
	8/23/2012	SG-21	195.3
	8/23/2012	SG-22	55.4
	8/23/2012	SG-23	22.2
	8/24/2012	SG-24	58.2
	8/24/2012	SG-25	83.43
	8/24/2012	SG-26	16.87
	8/24/2012	SG-27	24.75
	8/24/2012	SG-28	33.27
	8/24/2012	SG-29	37.81
	8/24/2012	SG-30	8.028
Northeastern Wooded Area	8/22/2012	SG-6	0.902
	8/22/2012	SG-7	1.34
	8/22/2012	SG-8	1.38
	8/22/2012	SG-9	10.77
	8/22/2012	SG-10	3.054
	8/23/2012	SG-11	3.46
	8/23/2012	SG-12	58.64
	8/23/2012	SG-13	48.44
	8/23/2012	SG-14	27.07
	8/23/2012	SG-15	47.13
	8/23/2012	SG-16	0.062
	8/23/2012	SG-17	0.823

Notes:
Soil gas screening was conducted using a handheld ppb RAE photoionization detector.
ppb = parts per billion
ppm = parts per million

Table 3 (Page 1 of 2)
Summary of Soil Analytical Results
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. UTC-006

Location	Former Northern Secondary Containment Area							Former PCE Degreasers		Former PCE UST						Protection of Groundwater MCL-Based SSL	Residential Soil Screening Level	Industrial Soil Screening Level
Sample ID	DPT-1	DPT-2	DPT-15	DPT-16	DPT-21	DPT-22	DPT-23	DPT-3	DPT-4	DPT-5	DPT-6	DPT-7	DPT-7 (DUP-1)	DPT-19	DPT-20			
Date	8/22/2012	8/22/2012	8/23/2012	8/23/2012	8/24/2012	8/24/2012	8/24/2012	8/23/2012	8/23/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012			
Depth (ft)	1-3	1-3	2-3	2-3	2-3	0-1	0-1	1-2	2-3	3-4	5-6	4-5	4-5	5-6	5-6			
VOCs (8260B)																		
1,1,1-Trichloroethane	<0.00225	<0.00186	<0.00175	<0.00194	<0.00174	<0.00195	<0.00183	0.00776	<0.00184	<0.00186	<0.00176	<0.00189	<0.00188	<0.00219	<0.00198	0.07	8,700	38,000
1,2,4-Trimethylbenzene	<0.00225	<0.00186	<0.00175	<0.00194	<0.00174	<0.00195	<0.00183	0.00346	<0.00184	<0.00186	<0.00176	<0.00189	0.00273	<0.00219	<0.00198	0.021 [1]	62	260
Acetone	<0.0562	<0.0464	<0.0437	<0.0485	<0.0435	0.107	<0.0458	<0.0476	<0.0459	<0.0464	<0.0440	<0.0472	<0.0469	<0.0548	<0.0494	2.4 [1]	61,000	630,000
Chloroform	<0.00225	<0.00186	<0.00175	<0.00194	<0.00174	<0.00195	<0.00183	<0.00191	<0.00184	<0.00186	<0.00176	<0.00189	0.00307 B	<0.00219	<0.00198	0.022	0.29	1.5
Tetrachloroethene	<0.00225	<0.00186	**0.00563**	<0.00194	<0.00174	<0.00195	<0.00183	**4.82**	**0.659**	<0.00186	<0.00176	**5.69**	**3.59**	<0.00219	<0.00198	0.0023	22	110
Trichloroethene	<0.00225	<0.00186	<0.00175	<0.00194	<0.00174	<0.00195	<0.00183	**0.00337**	<0.00184	<0.00186	<0.00176	<0.00189	**0.00214**	<0.00219	<0.00198	0.0018	0.91	6.4

Notes:
Concentrations are reported in milligrams per kilogram (mg/kg).
Laboratory analytical method is shown in parentheses.
Analytical results were compared to the U.S. Environmental Protection Agency Regional Screening Levels (April 2012).
Bold values exceed the Maximum Contaminant Level (MCL)-based Protection of Groundwater Soil Screening Level (SSL).
[1] MCL-Based Protection of Groundwater SSL is not specified; therefore, the Risk-Based Protection of Groundwater SSL is shown.
VOCs = Volatile Organic Compounds
PCE = Tetrachloroethene
B = Compound was found in laboratory method blank sample.
UST = Underground Storage Tank

Table 3 (Page 2 of 2)
Summary of Soil Analytical Results
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. UTC-006

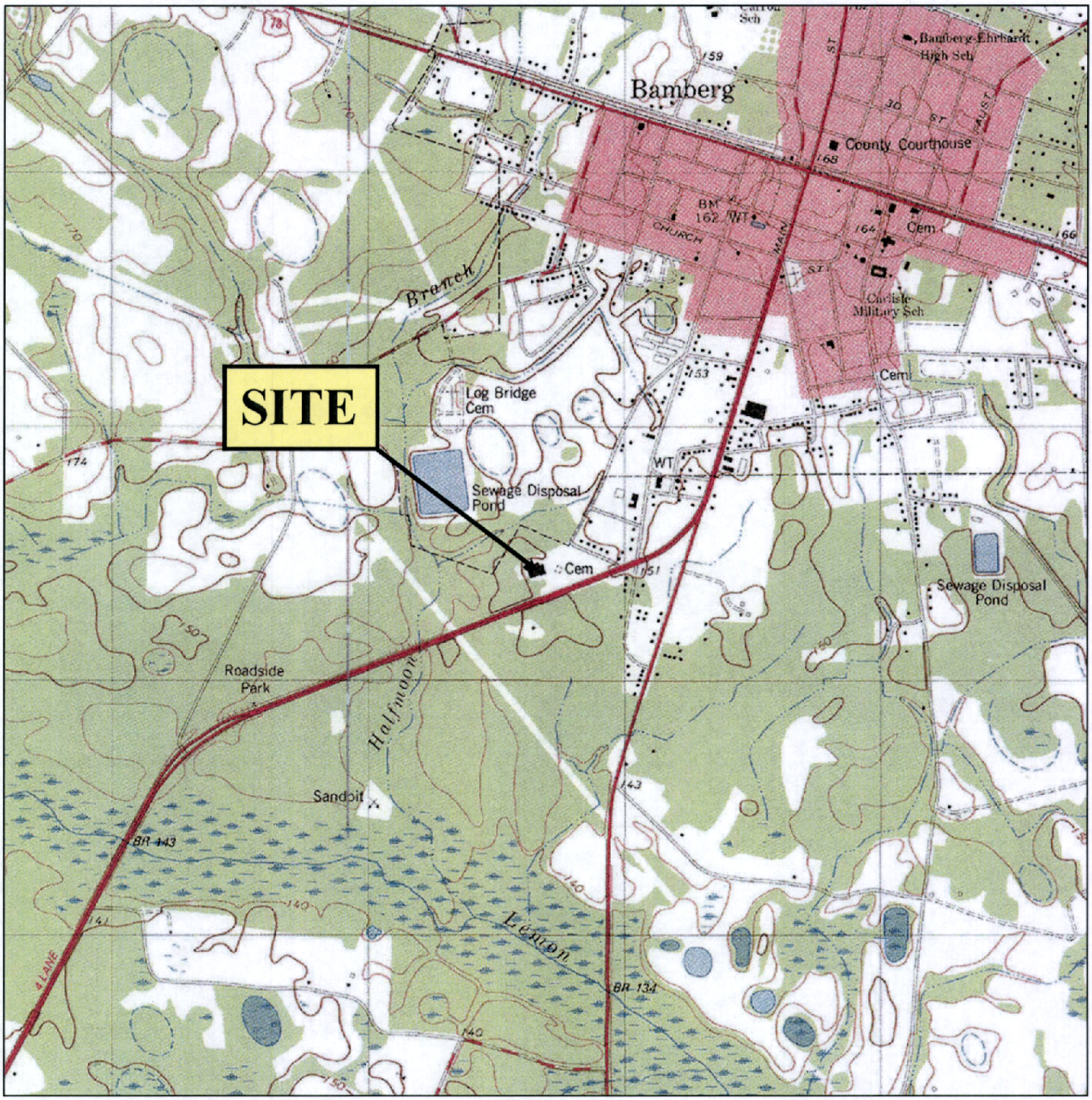
Location	Former Eastern PCE Secondary Containment Area													Northwestern Wooded Area	Northeastern Wooded Area	Protection of Groundwater MCL-Based SSL	Residential Soil Screening Level	Industrial Soil Screening Level
Sample ID	DPT-8	DPT-9	DPT-10	DPT-11	DPT-12	DPT-13	DPT-14	DPT-24		DPT-25	DPT-26	DPT-27		DPT-17	DPT-18			
Date	8/23/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012	8/24/2012			
Depth (ft)	3-4	2-3	2	2-3	1-2	3-4	4-5	2-3	4-5	3-4	4-5	1-2	4-5	3-4	3-4			
VOCs (8260B)																		
1,1,1-Trichloroethane	<0.00177	<0.00185	<0.00179	<0.00164	<0.00187	<0.00189	<0.00210	<0.00161	<0.00168	<0.00202	<0.00194	<0.00184	<0.00197	<0.00197	<0.00144	0.07	8,700	38,000
1,2,4-Trimethylbenzene	<0.00177	<0.00185	<0.00179	<0.00164	<0.00187	<0.00189	<0.00210	<0.00161	<0.00168	<0.00202	<0.00194	<0.00184	<0.00197	<0.00197	<0.00144	0.021 [1]	62	260
Acetone	<0.0441	<0.0463	<0.0446	<0.0409	<0.0467	<0.0473	<0.0525	<0.0403	<0.0421	<0.0504	<0.0484	<0.0459	<0.0493	<0.0491	<0.0359	2.4 [1]	61,000	630,000
Chloroform	<0.00177	<0.00185	<0.00179	<0.00164	<0.00187	<0.00189	<0.00210	0.00288 B	0.00277 B	0.00278 B	0.00296 B	0.0032 B	0.00316 B	<0.00197	<0.00144	0.022	0.29	1.5
Tetrachloroethene , 0014	<0.00177	<0.00185	**0.00235**	**0.00343**	**0.00370**	**0.0704**	**0.0496**	<0.00161	<0.00168	**0.00255**	**0.00382**	**0.00258**	<0.00197	<0.00197	**0.566**	0.0023	22	110
Trichloroethene , 00009L	<0.00177	<0.00185	<0.00179	<0.00164	<0.00187	<0.00189	<0.00210	<0.00161	<0.00168	<0.00202	<0.00194	<0.00184	<0.00197	<0.00197	**0.00382**	0.0018	0.91	6.4

Notes:
Concentrations are reported in milligrams per kilogram (mg/kg).
Laboratory analytical method is shown in parentheses.
Analytical results were compared to the U.S. Environmental Protection Agency Regional Screening Levels (April 2012).
Bold values exceed the Maximum Contaminant Level (MCL)-based Protection of Groundwater Soil Screening Level (SSL).
[1] MCL-Based Protection of Groundwater SSL is not specified; therefore, the Risk-Based Protection of Groundwater SSL is shown.
VOCs = Volatile Organic Compounds
PCE = Tetrachloroethene
B = Compound was found in laboratory method blank sample.
UST = Underground Storage Tank

Table 4 (Page 1 of 1)
Summary of Groundwater Analytical Results
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. UTC-006

Location	Former PCE UST		Former Northern Secondary Containment Area	
Sample ID	MWT-4	MWT-4 (DUP-2)	MWT-5	
Date	8/24/2012	8/24/2012	8/24/2012	MCL
VOCs (8260B)				
1,1,1,2-Tetrachloroethane	6.71	6.87	<1.00	NS
1,2,4-Trimethylbenzene	13.0	14.2	<1.00	NS
1,2-Dichlorobenzene	62.9	68.6	<1.00	600
1,3,5-Trimethylbenzene	7.29	8.12	<1.00	NS
Chloroform	1.45	1.34	<1.00	80
cis-1,2-Dichloroethene	68.8	**72.1**	<1.00	70
Ethylbenzene	14.7	15.9	<1.00	700
n-Butylbenzene	1.68	<1.00	<1.00	NS
n-Propylbenzene	1.31	1.41	<1.00	NS
p-Isopropyltoluene	1.11	1.10	<1.00	NS
Tetrachloroethene	**136,000**	**148,000**	1.03	5
Toluene	8.79	8.85	<1.00	1,000
trans-1,2-Dichloroethene	2.03	1.32	<1.00	100
Trichloroethene	**477**	**508**	<1.00	5
Xylenes	37.0	40.1	<3.00	10,000

Notes:
Concentrations are reported in micrograms per liter (µg/L).
Laboratory analytical method is shown in parentheses.
Bold values exceed the Environmental Protection Agency MCL.
VOCs = Volatile Organic Compounds
MCL = Maximum Contaminant Level
NS = Not Specified



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

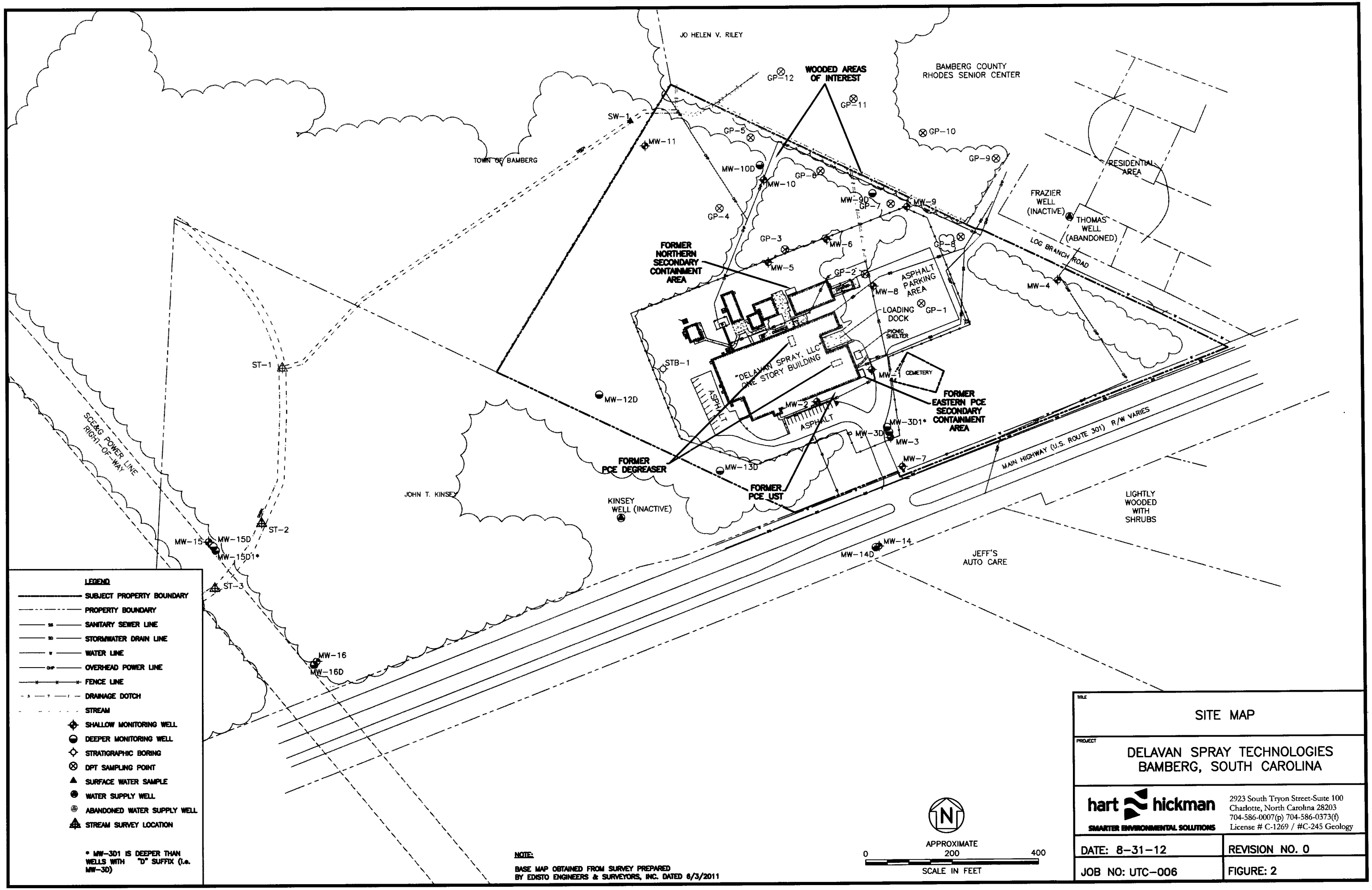
BAMBERG, SC 1979 (PHOTO REVISED 1987)

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP
PROJECT	DELAVAN SPRAY TECHNOLOGIES BAMBERG, SOUTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 S. Tryon Street, Suite 100
Charlotte, NC 28203
704.586.0007(p) 704.586.0373(f)

DATE:	8-31-12	REVISION NO:	0
JOB NO:	UTC-006	FIGURE NO:	1



TITLE

SITE MAP

PROJECT

DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

hart hickman
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License # C-1269 / #C-245 Geology

DATE: 8-31-12	REVISION NO. 0
JOB NO: UTC-006	FIGURE: 2

WOODED AREAS OF INTEREST

FORMER NORTHERN SECONDARY CONTAINMENT AREA

FORMER PCE DEGREASERS

high PCE in soil 5.69ppm

FORMER EASTERN PCE SECONDARY CONTAINMENT AREA

FORMER PCE UST

SEE INSET A

ASPHALT PARKING AREA

LOADING DOCK

PICNIC SHELTER

CEMETERY

"DELAVAN SPRAY, LLC" ONE STORY BUILDING

INSET A

SCALE: 1" = 20'

NOTE:

1. DPT-11 WAS A DIRECTIONAL BORING WHICH WAS STARTED AT THE APPROXIMATE LOCATION OF DPT-12

LEGEND

- SUBJECT PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- SANITARY SEWER LINE
- STORMWATER DRAIN LINE
- WATER LINE
- OVERHEAD POWER LINE
- FENCE LINE
- DRAINAGE DOTCH
- SHALLOW MONITORING WELL
- DEEPER MONITORING WELL
- DPT SAMPLING POINT
- SOIL BORING
- SOIL GAS LOCATION
- SOIL BORING AND TEMPORARY MONITORING WELL
- SOIL GAS AND SOIL BORING LOCATION
- PRIOR SOIL BORING (OCTOBER 2002)
- PRIOR TEMPORARY MONITORING WELL (DECEMBER 2002)

APPROXIMATE 0 60 120 SCALE IN FEET

NOTES:

1. BASE MAP OBTAINED FROM SURVEY PREPARED BY EDISTO ENGINEERS & SURVEYORS, INC. DATED 6/3/2011.
2. AUGUST 2012 SAMPLING LOCATIONS WERE SURVEYED BY ESTO ENGINEERS AND SURVEYORS, INC. ON 8/28/2012.
3. SOIL GAS, SOIL, AND GROUNDWATER SAMPLES COLLECTED BY H&H IN AUGUST 2012.

TCE RBSL soil 2 mg/kg

* MW-3D1 AND MW-15D1 ARE DEEPER THAN WELLS WITH "D" SUFFIX (i.e. MW-3D)

TITLE: AREAS OF INTEREST AND SOIL BORING LOCATION MAP

PROJECT: DELAVAN SPRAY TECHNOLOGIES BAMBERG, SOUTH CAROLINA

hart hickman
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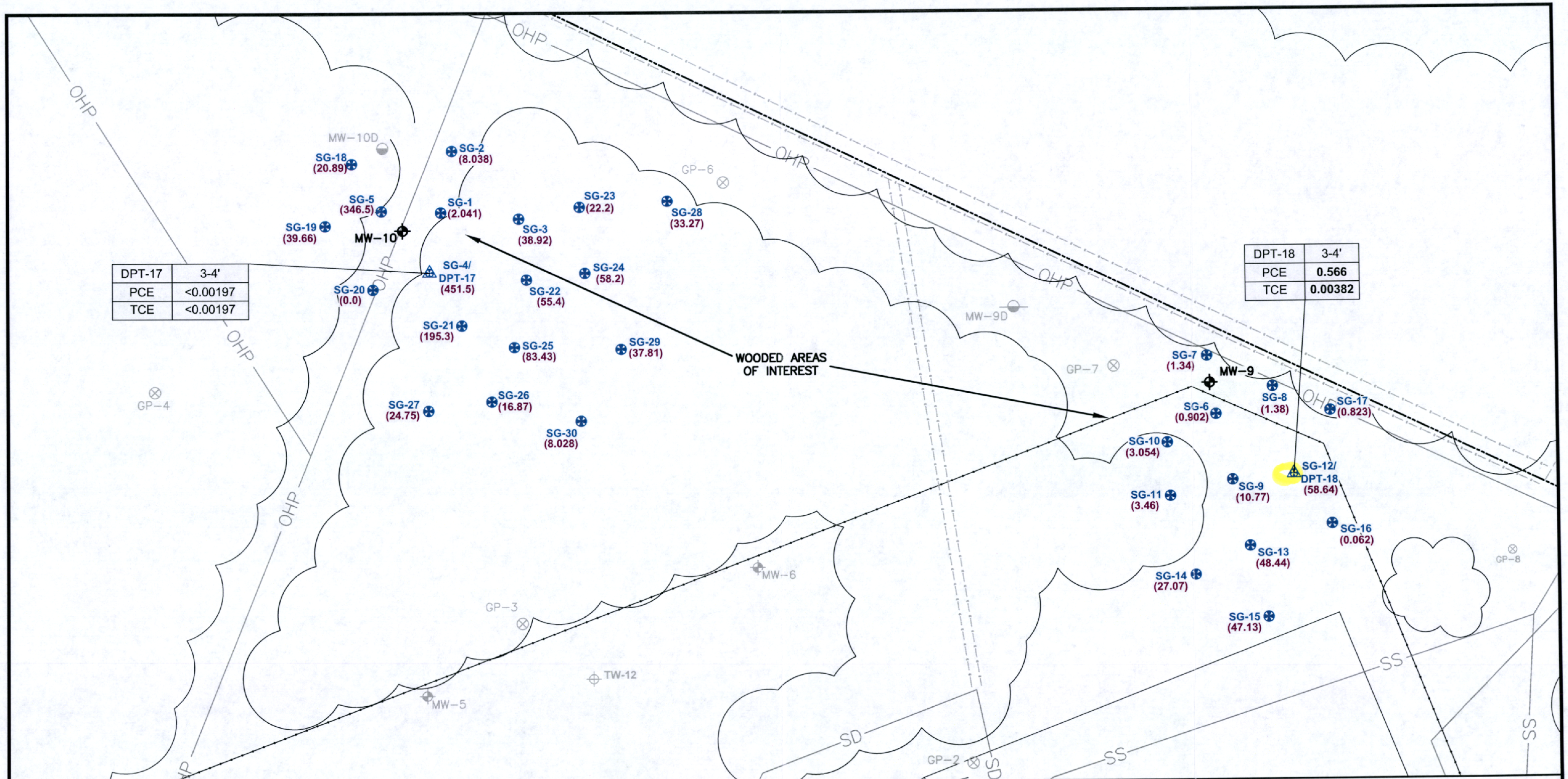
License # C-1269 / #C-245 Geology

DATE: 12-5-12	REVISION NO. 0
JOB NO: UTC-006	FIGURE: 3



DPT-17	3-4'
PCE	<0.00197
TCE	<0.00197

DPT-18	3-4'
PCE	**0.566**
TCE	**0.00382**

LEGEND

- SUBJECT PROPERTY BOUNDARY
- SANITARY SEWER LINE
- STORMWATER DRAIN LINE
- OVERHEAD POWER LINE
- FENCE LINE
- DRAINAGE DOTCH
- SHALLOW MONITORING WELL
- DEEPER MONITORING WELL
- DPT SAMPLING POINT
- SOIL GAS LOCATION
- SOIL GAS AND SOIL BORING LOCATION
- (47.13) SOIL GAS READING (ppm)
- PRIOR TEMPORARY MONITORING WELL (DECEMBER 2002)

* MW-3D1 AND MW-15D1 ARE DEEPER THAN WELLS WITH "D" SUFFIX (i.e. MW-3D)

SAMPLE ID — SAMPLE DEPTH

DPT-17	3-4'
TETRACHLOROETHENE (PCE)	<0.00197
TRICHLOROETHENE (TCE)	<0.00197

CONSTITUENT — CONCENTRATION (mg/kg)

NOTES:

1. BASE MAP OBTAINED FROM SURVEY PREPARED BY EDISTO ENGINEERS & SURVEYORS, INC. DATED 6/3/2011.
2. AUGUST 2012 SAMPLING LOCATIONS WERE SURVEYED BY ESTO ENGINEERS AND SURVEYORS, INC. ON 8/28/2012.
3. SOIL GAS AND SOIL SAMPLES COLLECTED BY H&H IN AUGUST 2012.
4. SOIL GAS SCREENING CONDUCTED USING A HANDHELD ppb PHOTOIONIZATION DETECTOR.
5. ALL SOIL GAS SAMPLES WERE SCREENED AT APPROXIMATELY 1.5 FT BELOW GROUND SURFACE.
6. ONLY COMPOUNDS DETECTED ABOVE SOIL SCREENING LEVELS (SSLs) ARE DEPICTED.
7. BOLD CONCENTRATIONS EXCEED PROTECTION OF GROUNDWATER SSL.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
SOIL GAS SCREENING AND SOIL SAMPLE RESULTS – WOODED AREAS OF INTEREST

PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

hart hickman
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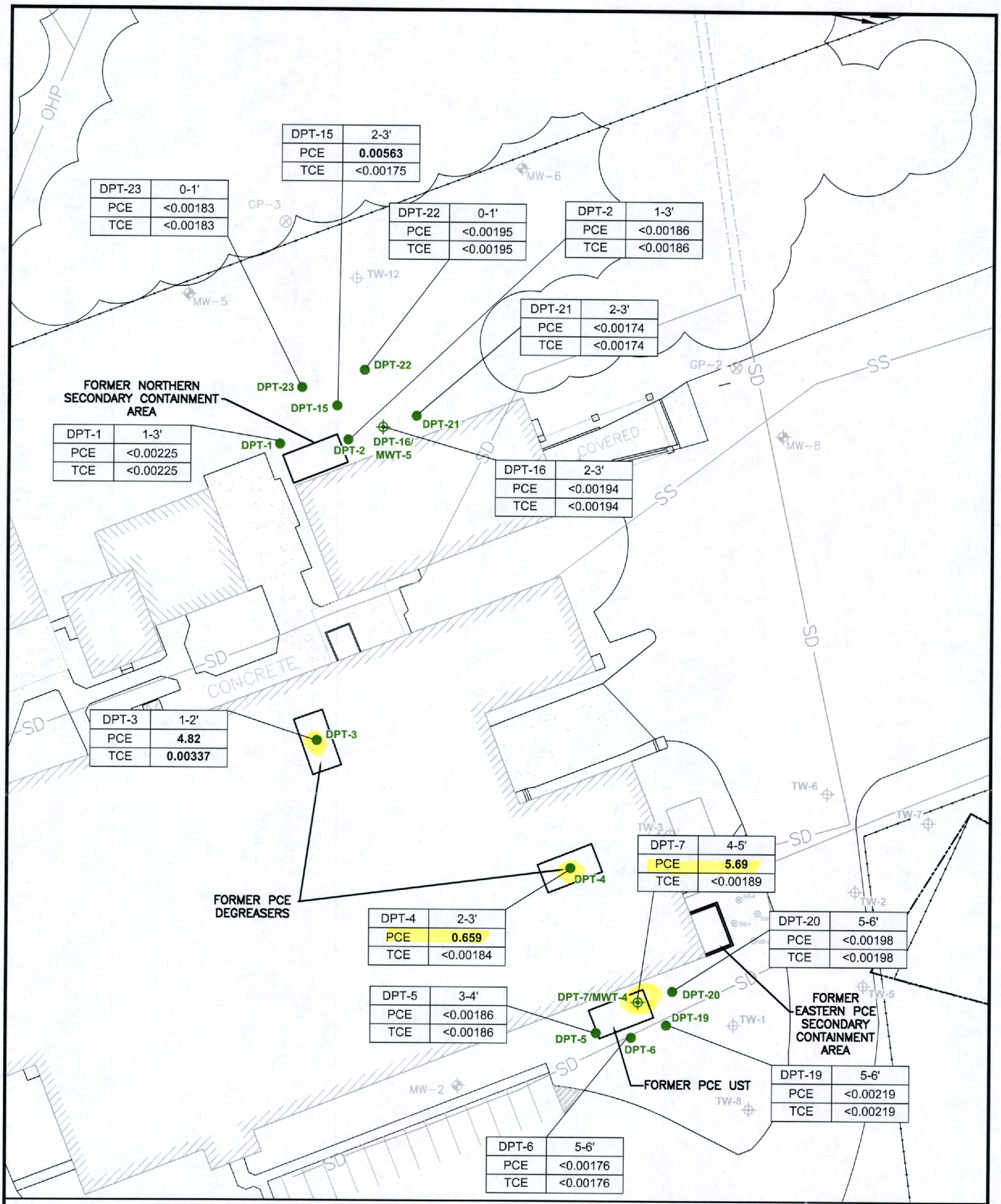
DATE: 8-29-12 | REVISION NO. 0
JOB NO: UTC-006 | FIGURE: 4



LEGEND

- SUBJECT PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- SANITARY SEWER LINE
- STORMWATER DRAIN LINE
- WATER LINE
- OVERHEAD POWER LINE
- FENCE LINE
- DRAINAGE DOTCH
- SHALLOW MONITORING WELL
- DPT SAMPLING POINT
- SOIL BORING
- SOIL BORING AND TEMPORARY MONITORING WELL
- PRIOR TEMPORARY MONITORING WELL (DECEMBER 2002)

NOTES:

1. BASE MAP OBTAINED FROM SURVEY PREPARED BY EDISTO ENGINEERS & SURVEYORS, INC. DATED 6/3/2011.
2. AUGUST 2012 SAMPLING LOCATIONS WERE SURVEYED BY ESTO ENGINEERS AND SURVEYORS, INC. ON 8/28/2012.
3. SOIL SAMPLES COLLECTED BY H&H IN AUGUST 2012.
4. ONLY COMPOUNDS DETECTED ABOVE SOIL SCREENING LEVELS (SSLS) ARE DEPICTED.
5. BOLD CONCENTRATIONS EXCEED PROTECTION OF GROUNDWATER SSL.

N

APPROXIMATE
0 40 80
SCALE IN FEET

SAMPLE ID — SAMPLE DEPTH

DPT-6	5-6'
TETRACHLOROETHENE (PCE)	<0.00176
TRICHLOROETHENE (TCE)	<0.00176

CONSTITUENT — CONCENTRATION (mg/kg)

TITLE
SOIL SAMPLE RESULTS – FORMER NORTHERN SECONDARY CONTAINMENT AREA, PCE DEGREASERS, AND PCE UST

PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

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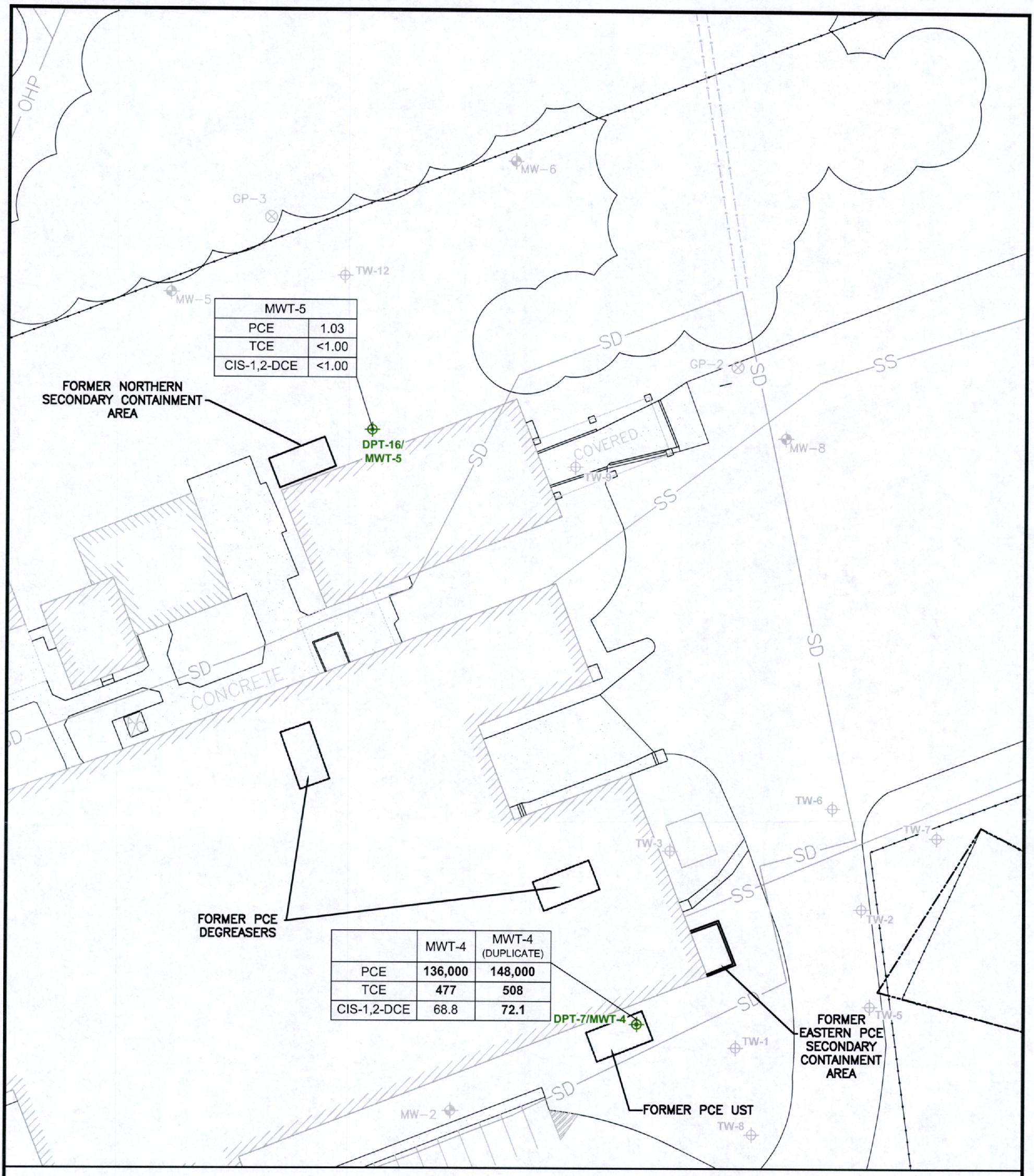
DATE: 12–5–12 | REVISION NO. 0
JOB NO: UTC–006 | FIGURE: 5



LEGEND

- SUBJECT PROPERTY BOUNDARY
- SANITARY SEWER LINE
- STORMWATER DRAIN LINE
- OVERHEAD POWER LINE
- FENCE LINE
- DRAINAGE DOTCH
- SHALLOW MONITORING WELL
- DPT SAMPLING POINT
- STREAM SURVEY LOCATION
- SOIL BORING AND TEMPORARY MONITORING WELL LOCATION
- PRIOR TEMPORARY MONITORING WELL (DECEMBER 2002)

N

APPROXIMATE
0 40 80
SCALE IN FEET

SAMPLE ID

MWT-5	
TETRACHLOROETHENE (PCE)	1.03
TRICHLOROETHENE (TCE)	<1.00
CIS-1,2-DCE	<1.00

CONSTITUENT — CONCENTRATION (µg/L)

NOTES:

1. BASE MAP OBTAINED FROM SURVEY PREPARED BY EDISTO ENGINEERS & SURVEYORS, INC. DATED 6/3/2011.
2. AUGUST 2012 SAMPLING LOCATIONS WERE SURVEYED BY ESTO ENGINEERS AND SURVEYORS, INC. ON 8/28/2012.
3. GROUNDWATER SAMPLES COLLECTED BY H&H IN AUGUST 2012.
4. ONLY COMPOUNDS DETECTED ABOVE MAXIMUM CONTAMINANT LEVELS (MCLs) ARE DEPICTED.

TITLE
GROUNDWATER SAMPLE RESULTS

PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

hart hickman
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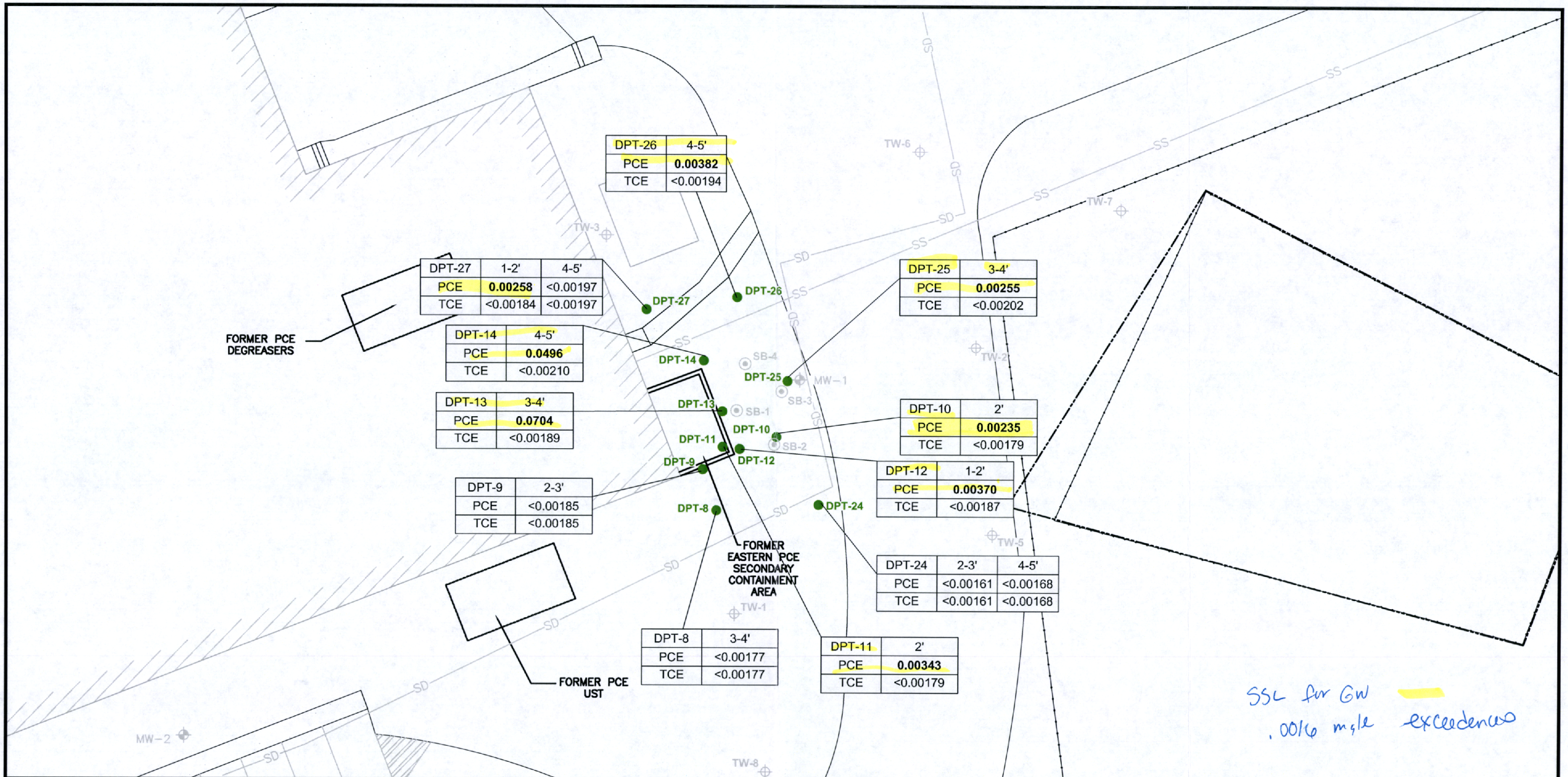
License # C-1269 / #C-245 Geology

DATE: 12-5-12 | REVISION NO. 0
JOB NO: UTC-006 | FIGURE: 6



SSL for GW
.0016 mg/l exceedences

LEGEND

- SUBJECT PROPERTY BOUNDARY
- SANITARY SEWER LINE
- STORMWATER DRAIN LINE
- FENCE LINE
- SHALLOW MONITORING WELL
- SOIL BORING
- PRIOR SOIL BORING (OCTOBER 2002)
- PRIOR TEMPORARY MONITORING WELL (DECEMBER 2002)

SAMPLE ID — SAMPLE DEPTH

DPT-8	3-4'
TETRACHLOROETHENE (PCE)	<0.00177
TRICHLOROETHENE (TCE)	<0.00177

CONSTITUENT — CONCENTRATION (mg/kg)

NOTES:

1. BASE MAP OBTAINED FROM SURVEY PREPARED BY EDISTO ENGINEERS & SURVEYORS, INC. DATED 6/3/2011.
2. AUGUST 2012 SAMPLING LOCATIONS WERE SURVEYED BY ESTO ENGINEERS AND SURVEYORS, INC. ON 8/28/2012.
3. SOIL SAMPLES COLLECTED BY H&H IN AUGUST 2012.
4. ONLY COMPOUNDS DETECTED ABOVE SOIL SCREENING LEVELS (SSLS) ARE DEPICTED.
5. BOLD CONCENTRATIONS EXCEED PROTECTION OF GROUNDWATER SSL.

N

APPROXIMATE
0 20 40
SCALE IN FEET

TITLE
SOIL SAMPLE RESULTS – FORMER EASTERN PCE SECONDARY CONTAINMENT AREA

PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

hart hickman
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License # C-1269 / #C-245 Geology

DATE: 12–5–12 | REVISION NO. 0
JOB NO: UTC–006 | FIGURE: 7

Appendix A

Boring Logs

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3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER DPT-1

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0			0	0		Slightly moist, moderately dense, orange, fine grain SAND		0.0
			0	0		Moist, stiff, red and orange, fine grain sandy CLAY		
2.5								2.5
			0	0		Moist, dense, tan/red/orange, fine to medium grain SAND with clay		
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/22/12
BORING COMPLETED: 8/22/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 1-3 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

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BORING NUMBER DPT-2

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Slightly moist, loose, light brown, fine grain SAND		0.0
			0.1	0.1				
			0.1	7.8				
2.5								2.5
						Moist, stiff, red and orange, sandy CLAY		
			0.1	16.3				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/22/12
BORING COMPLETED: 8/22/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 1-3 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

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BORING NUMBER DPT-3

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0						Concrete slab
						Void beneath slab
			0	212.6		Moist, very dense, tan, fine grain SAND; slight odor from 1 to 2 ft bgs
2.5			0.2	171.5		
			0.4	74.8		
			0.2	32.1		
5.0			0.2	45.3		Moist, very dense, red and orange, fine to medium grain clayey SAND
			0.1	41.1		
7.5			0.2	50.2		
			0.2	107		Moist, very stiff, red and orange, sandy CLAY
			0.2	101.5		
10.0						Bottom of borehole at 10.0 feet.

BORING DIAGRAM

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/23/12
BORING COMPLETED: 8/23/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 1-2 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

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Raleigh, North Carolina 27607
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BORING NUMBER DPT-4

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Concrete slab		0.0
			0.1	4.1		Slightly moist, dense, brown, fine grain SAND		
2.5			0.1	5				2.5
			0.1	1		Moist, very dense, light brown, fine grain SAND with trace clay		
			0.1	3		Moist, very dense, orange, fine grain SAND with trace clay		
5.0			0.1	2.6				5.0
			0.1	4.9				
						Refusal at 6.5 feet. Bottom of borehole at 6.5 feet.		
7.5								7.5

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/23/12
BORING COMPLETED: 8/23/12
TOTAL DEPTH: 6.5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
refusal at 6.5' bgs; soil sample collected for VOCs at 2-3 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

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Raleigh, North Carolina 27607
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BORING NUMBER DPT-5

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0.0						Moist, loose, brown, fine grain SAND	
			0.2	1.8			
			0.2	0.9			
						Moist, stiff, red and orange, fine sandy CLAY	
2.5			0.2	1			
			0.2	1.3			
			0.2	1			
5.0						Moist, stiff, red/orange/gray, fine sandy CLAY	
			0	1.1			
			0.1	0.1			
7.5			0.1	0.2			
			0.1	0.1			
			0.1	0.8			
10.0						Bottom of borehole at 10.0 feet.	

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geoprobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 3-4 ft bgs

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SMARTER ENVIRONMENTAL SOLUTIONS

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Raleigh, North Carolina 27607
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BORING NUMBER DPT-6

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Very moist, loose, light brown, fine grain SAND		0.0
			0.2	1.4				
			0.2	2.1				
						Moist, dense, red and orange, fine grain clayey SAND		
2.5			0.2	1.2				2.5
			0.2	0.4				
			0.2	1				
5.0						Moist, hard, red/orange/gray, fine grain sandy CLAY		5.0
			0.2	3				
			0.2	2.3				
7.5			0.2	2.4				7.5
			0.2	1.9				
			0.2	1.5				
10.0						Bottom of borehole at 10.0 feet.		10.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geoprobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 5-6 ft bgs

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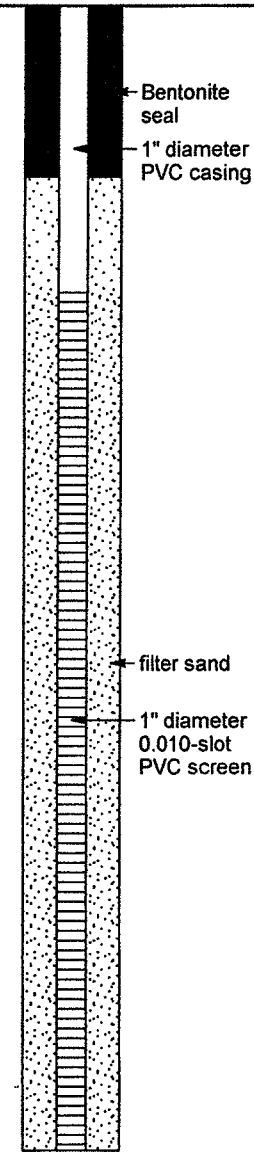
BORING NUMBER DPT-7/MWT-4

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0			0.1	3.2		Moist, loose, brown, fine grain SAND
			0.1	3		
			0.1	17.6		Very moist, loose, brown/tan/orange/red, clayey fine grain SAND, odor between 2 and 7 ft bgs
			0.1	43.8		
			0.1	224.9		
5			0.1	64.3		
			0.1	69.8		
			0.1	12.6		Moist, hard, orange/red/gray, sandy CLAY
			0.1	96		
10						Wet, dense, orange/gray/brown, clayey SAND
			0.1	607.8		
			0.1	3915		
15			0.1	1246		
			0.1	771		Wet, stiff, red/gray/tan, CLAY
20						Bottom of borehole at 20.0 feet.

BORING DIAGRAM



DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geoprobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 20 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 4-5 ft bgs;
Duplicate sample collected at 4-5 ft bgs

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BORING NUMBER DPT-8

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0.0			0.1	1.2		Moist, loose, dark brown, fine grain SAND	
			0.1	1.2		Moist, loose, light brown, fine grain SAND	
2.5			0.2	1.2		Moist, stiff, red and orange, fine grain sandy CLAY	
			0.2	1.2			
			0.2	1.2		Moist to very moist, stiff, red and orange, fine grain sandy CLAY	
5.0			0.2	1			
			0.2	1.1			
7.5			0.2	1			
			0.2	1.9			
			0.2	1.4			
10.0						Bottom of borehole at 10.0 feet.	

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geoprobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/23/12
BORING COMPLETED: 8/23/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 3-4 ft bgs

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BORING NUMBER DPT-9

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Moist, loose, brown, fine grain SAND		0.0
			0.1	0.5				
			0.1	4.7				
						Moist, loose, tan, fine grain SAND		
2.5			0.1	5.7				2.5
						Moist, dense, red and orange, clayey SAND		
			0.1	3.8				
			0.1	0.6				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 2-3 ft bgs

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BORING NUMBER DPT-10

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0						Very moist, loose, brown and orange, fine grain SAND		0
			0	2.9				
1								1
			0	5.9				
2						Bottom of borehole at 2.0 feet.		2
3								3

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 2 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 2 ft bgs

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BORING NUMBER DPT-11

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0						Very moist, loose, tan, fine grain SAND		0
			0.1	0.5				
1						Very moist, stiff, orange and brown, fine grain sandy CLAY		1
			0.2	0.9				
2								2
			0.2	0.9				
3						Bottom of borehole at 3.0 feet.		3
4								4

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 3 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 2-3 ft bgs

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BORING NUMBER DPT-12

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Moist, loose, brown, fine grain SAND		0.0
			0.2	4				
						Very moist, dense, red and orange, clayey fine to medium grain SAND		
			0.2	4.7				
2.5			0.2	4.1				2.5
			0.2	3.3				
			0.2	4				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 1-2 ft bgs

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BORING NUMBER DPT-13

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Wet, loose, brown and orange, fine grain SAND		0.0
			0.2	0.9				
			0.2	1.1				
2.5			0.2	6.5				2.5
			0.2	10.7		Wet, dense, brown and orange, clayey fine grain SAND		
			0.2	2.1		Wet, very stiff, red and orange, fine grain sandy CLAY		
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 3-4 ft bgs

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BORING NUMBER DPT-14

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0	0.6		Moist, loose, brown, fine grain SAND
			0	0.8		Moist, dense, orange and tan, clayey fine grain SAND
2.5			0	0.9		Moist, very stiff, red/orange/gray, fine grain sandy CLAY
			0	1.8		
			0	6.6		
5.0			0	3.4		
			0	1.6		
7.5			0	4.8		
			0	6		
			0	8.8		
10.0						Bottom of borehole at 10.0 feet.

BORING DIAGRAM

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geoprobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 4-5 ft bgs

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BORING NUMBER DPT-15

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Slightly moist, loose, light brown, fine grain SAND		0.0
			0	0.7		Moist, stiff, red and orange, fine grain sandy CLAY		
			0	23				
2.5								2.5
			0	1.3				
			0	6.4		Moist, moderately dense, red and orange, clayey fine to medium grain SAND		
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/23/12
BORING COMPLETED: 8/23/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 2-3 ft bgs

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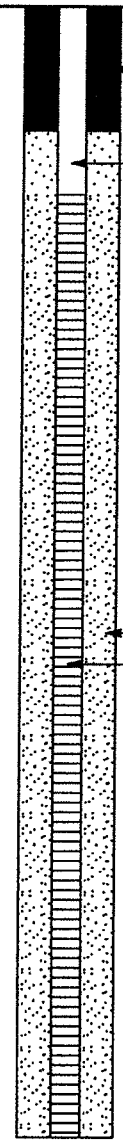
BORING NUMBER DPT-16/MWT-5

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0			0	0.3		Slightly moist, loose, light brown, fine grain SAND
			0	35		
			0	239.3		Moist, dense, orange/red/tan, clayey fine to medium grain SAND
			0	14.4		
5			0.3	0.5		
			0.3	0.6		
10			0.2	0.7		
			0.3	0.7		
15			0.3	5.1		Wet, dense, orange/red/tan, clayey fine to medium grain SAND
						Wet, very stiff, tan, CLAY
20						Bottom of borehole at 18.0 feet.

BORING DIAGRAM



DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/23/12
BORING COMPLETED: 8/23/12
TOTAL DEPTH: 18 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 2-3 ft bgs

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BORING NUMBER DPT-17

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Moist, loose, brown, fine grain SAND		0.0
			0	65.5				
						Moist, moderately dense, brown, clayey fine grain SAND		
			0	35				
						Moist, stiff, red/orange/brown, fine to medium grain sandy CLAY		
2.5			0	48.9				2.5
			0	81.5				
			0	74				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 3-4 ft bgs

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BORING NUMBER DPT-18

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Moist, loose, brown, fine grain SAND		0.0
			0.1	13.5				
			0.1	13.2				
2.5			0.2	7.8				2.5
			0.2	24.3		Moist, moderately dense, gray and brown, clayey fine grain SAND		
			0.2	56				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 3-4 ft bgs

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BORING NUMBER DPT-19

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0.0			0	0		Slightly moist, loose, brown, fine grain SAND	
			0	0			
2.5			0	0		Moist, stiff, red/orange/brown, fine grain sandy CLAY	
			0	0			
5.0			0	0		Moist, very stiff, red/orange/gray, fine grain sandy CLAY	
			0	0			
7.5			0	0		Moist, stiff, red/orange/gray, medium grain sandy CLAY	
			0	0			
10.0			0	0		Bottom of borehole at 10.0 feet.	

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 5-6 ft bgs

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BORING NUMBER DPT-20

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0			0	0		Slightly moist, loose, brown, fine grain SAND		0.0
			0	0		Moist, dense, orange and brown, clayey SAND		
2.5			0	0		Moist, very stiff, red/orange/brown, fine to medium grain sandy CLAY		2.5
			0	0				
			0	0				
5.0			0	0				5.0
			0	0				
7.5			0	0				7.5
			0	0				
			0	0				
10.0						Bottom of borehole at 10.0 feet.		10.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 5-6 ft bgs

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BORING NUMBER DPT-21

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Slightly moist, loose, tan, fine grain SAND		0.0
			0.1	0.4				
			0.2	0.5				
2.5			0.2	0.8				2.5
			0.2	0.5				
			0.2	0.5		Slightly moist, loose, orange, fine grain SAND with trace clay		
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 2-3 ft bgs

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BORING NUMBER DPT-22

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Moist, loose, brown, fine grain SAND		0.0
			0	9.2				
						Moist, moderately dense, orange and brown, fine grain SAND with trace clay		
			0	0.8				
2.5			0	1.6				2.5
			0	0.7				
			0	1.1				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 0-1 ft bgs

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BORING NUMBER DPT-23

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0						Moist, loose, brown, fine grain SAND		0.0
			0.1	0.7				
						Moist, moderately dense, red/orange/brown, clayey fine to medium grain SAND		
			0.3	0.5				
2.5			0.2	0.6				2.5
			0.3	0.7				
			0.3	0.7				
5.0						Bottom of borehole at 5.0 feet.		5.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Hand Auger
SAMPLING METHOD: Grab
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
soil sample collected for VOCs at 0-1 ft bgs

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BORING NUMBER DPT-24

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0.0			0	0		Very moist, loose, brown and tan, fine grain SAND		0.0
			0	0				
						Moist, stiff, brown, fine grain sandy CLAY		
2.5			0	0				2.5
			0	0				
			0	0				
5.0								5.0
			0	0				
						Moist, very stiff, red/orange/gray, fine grain sandy CLAY		
			0	0				
7.5			0	0				7.5
			0	0				
						Moist, dense, red and gray, clayey fine to coarse SAND		
			0	0				
10.0						Bottom of borehole at 10.0 feet.		10.0

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil samples collected for VOCs at 2-3 and 4-5 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER DPT-25

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0.0			0	0		Very moist, loose, tan and brown, fine grain SAND	
			0	0			
2.5			0	0		Moist, very stiff, orange and brown, fine grain sandy CLAY	
			0	0			
			0	0		Moist, very stiff, orange/brown/gray, fine grain sandy CLAY	
5.0			0	0			
			0	0			
7.5			0	0		Very moist, dense, red/orange/gray, fine to coarse grain SAND with trace clay	
			0	0			
10.0			0	0		Bottom of borehole at 10.0 feet.	

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 3-4 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER DPT-26

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0.0			0	0		Very moist, loose, light brown, fine grain SAND	
			0	0			
2.5			0	0			
			0	0			
			0	0		Very moist, moderately stiff, orange and brown, fine grain sandy CLAY	
5.0			0	0		Moist, very stiff, red/orange/gray, fine to medium grain sandy CLAY	
			0	0			
7.5			0	0			
			0	0			
10.0			0	0		Bottom of borehole at 10.0 feet.	

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil sample collected for VOCs at 4-5 ft bgs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER DPT-27

PROJECT: Delavan Spray Technologies
JOB NUMBER: UTC-006
LOCATION: Bamberg, South Carolina

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0.0			0	0		Very moist, loose, brown, fine grain SAND	
			0	0			
2.5			0	0			
			0	0		Moist, very stiff, red/orange/gray/brown, fine to medium grain sandy CLAY	
			0	0			
5.0			0	0			
			0	0			
7.5			0	0			
			0	0			
10.0			0	0		Bottom of borehole at 10.0 feet.	

DRILLING CONTRACTOR: Probe Technology
DRILL RIG/ METHOD: Geopobe 6620DT / DPT
SAMPLING METHOD: Macro-Core
LOGGED BY: RJC
DRAWN BY: RWM

BORING STARTED: 8/24/12
BORING COMPLETED: 8/24/12
TOTAL DEPTH: 10 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:
hand auger to 5' bgs; soil samples collected for VOCs at 1-2 and 4-5 ft bgs

Appendix B

Temporary Monitoring Well Records

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

MWT-4

1. WELL OWNER INFORMATION:
Name: **UTC** (last) (first)
Address. **2730 W. Tyvola Road**
City: **Charlotte** State: **NC** Zip. **28217**
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** **Bamberg**
Name: **Delavan Spray Technologies**
Street Address: **4334 Main Highway**
City: **Bamberg** Zip: **29003**
Latitude: **N 33 16' 58.39"** Longitude: **W 81 2' 46.69"**

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☒ Yes ☐ No
Grouted Depth: from **0** ft. to **20** ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Groundwater samples collected
PVC removed and boring grouted from bottom up.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started. **8-23-12**
20 ft. Date Completed: **8-23-12**

10. CASING: ☒ Threaded ☐ Welded
Diam.: **1 inch**
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 ft in. to **5** ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: **PVC** Diam.: **1 inch**
Slot/Gauge: **0.010** Length. **15 ft**
Set Between: **5** ft and **20** ft.
_____ ft and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from **3** ft to **20** ft.
Effective size **#2 silica** Uniformity Coefficient _____

16. WELL GROUTED? ☒ Yes ☐ No **See # 5 Remarks**
☐ Neat Cement ☒ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From **0** ft. to **3** ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount: _____

18. PUMP: Date installed. _____ Not installed ☒
Mfr. Name: _____ Model No: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: **Terry White** **CERT. NO.:** **1810-D**
Address: (Print) **P O Box 1369**
Concord, NC 28026
Level. A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No. **704.933.5538** Fax No.. **704.933.5539**

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Terry R. White Jr. Date: **09/06/12**
Well Driller

If D Level Driller, provide supervising driller's name:
Arlen Burney

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

MWT-5

1. WELL OWNER INFORMATION:
Name: UTC
(last) (first)
Address: 2730 W. Tyvola Road
City: Charlotte State: NC Zip: 28217
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Bamberg
Name: Delavan Spray Technologies
Street Address: 4334 Main Highway
City: Bamberg Zip: 29003
Latitude: N 33 16' 58.39" Longitude: W 81 2' 46.69"

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:

4. ABANDONMENT: ☒ Yes ☐ No
Grouted Depth: from 0 ft. to 18 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Groundwater samples collected
PVC removed and boring grouted from bottom up.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 8-23-12
18 ft. Date Completed: 8-23-12

10. CASING: ☒ Threaded ☐ Welded
Diam. 1 inch
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 ft in to 3 ft. depth
in. to ft. depth
Height: Above ☐ Below ☐
Surface ft.
Weight lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1 inch
Slot/Gauge: 0.010 Length: 15 ft
Set Between: 3 ft. and 18 ft.
ft. and ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
ft after hrs. Pumping GPM
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 2 ft to 18 ft.
Effective size #2 silica Uniformity Coefficient

16. WELL GROUTED? ☒ Yes ☐ No See # 5 Remarks
☐ Neat Cement ☒ Bentonite ☐ Bentonite/Cement ☐ Other
Depth. From 0 ft to 2 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction
Type
Well Disinfected ☐ Yes ☐ No Type: Amount:

18. PUMP: Date installed: Not installed ☒
Mfr. Name: Model No.
H.P. Volts Length of drop pipe ft Capacity gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Terry White CERT. NO.: 1810-D
Address: (Print) P O Box 1369
Concord, NC 28026
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 704.933.5538 Fax No.: 704.933.5539

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed. Terry R. White Jr. Date: 09/06/12
Well Driller

If D Level Driller, provide supervising driller's name:
Arlen Burney

Appendix C

Groundwater Sampling Forms

Hart & Hickman
A Professional Corporation

Ground Water Sampling Form

GENERAL INFORMATION

Job No.: UTC-006 Well No.: MWT-4 Date: 8/24/12

Site Name: Delavan Spray Technologies Location: Bamberg, SC

Sample Type (X) Grab ( ) Composite ( ) Other

Sampling Equipment (X) Dedicated ( ) Decontaminated (X) Bailer ( ) Pump

Material ( ) PVC ( ) Stainless Steel (X) Teflon ( ) Other

Decontamination Method: —

WELL INFORMATION

Coordinates: Top of Casing (TOC) Elevation — ft msl

Material (X) PVC ( ) Carbon Steel ( ) Stainless Steel ( ) Other:

Measurements from (TOC) Riser — ft Water Level 11.33 ft bgs Bottom 20 ft bgs

PURGING INFORMATION

Gallons per Well Volume 0.35 Purging Method (X) Bailing ( ) Pumping ( ) Other

Volume	Time	pH	Temp (°C)	S. Cond. (umhos/cm)	Redox	Turbidity (NTU)
1	1543	5.21	24.8	73.6	—	—
2	1547	5.22	23.6	59.1	—	—
3	1552	5.21	23.1	54.9	—	—
4	1556	5.12	22.9	52.9	—	—
5	1600	5.15	22.8	52.0	—	—

Weather Conditions: sunny, 80s°F

Sample Condition: (X) Clear ( ) Cloudy ( ) Other: Odor:

Field Filtration: ( ) Yes (X) No

Containers (Types, Numbers, Preservatives): 3 40 mL VOA preserved w/ HCl

Comments: Duplicate sample (DUP-2) collected
- Analyzed for VOCs by EPA Method 8260B

Sample Collector: RWM Date: 8/24/12 Time: 1605

File: Ground Water Sampling Form, GW Form
Date: 2/20/2007

Hart & Hickman
A Professional Corporation

Ground Water Sampling Form

GENERAL INFORMATION

Job No.: UTC-006 Well No.: MWT-5 Date: 8/24/12

Site Name: Delavan Spray Technologies Location: Bamberg, SC

Sample Type (X) Grab ( ) Composite ( ) Other

Sampling Equipment (X) Dedicated ( ) Decontaminated (X) Bailer ( ) Pump

Material ( ) PVC ( ) Stainless Steel (X) Teflon ( ) Other

Decontamination Method: —

WELL INFORMATION

Coordinates: Top of Casing (TOC) Elevation — ft msl

Material (X) PVC ( ) Carbon Steel ( ) Stainless Steel ( ) Other:

Measurements from (TOC) Riser — ft Water Level 11.09 ft Bottom 18 ft bgs

PURGING INFORMATION

Gallons per Well Volume 0.30 Purging Method (X) Bailing ( ) Pumping ( ) Other

Volume	Time	pH	Temp. (C)	S. Cond. (Umhos/cm)	Redox	Turbidity (NTU)
1	1630	5.08	25.5	27.8	—	—
2	1634	5.07	23.0	23.7	—	—
3	1638	5.09	23.0	24.4	—	—
4	1642	5.07	22.8	25.4	—	—

Weather Conditions: Sunny, 80s °F

Sample Condition: (X) Clear ( ) Cloudy ( ) Other: Odor:

Field Filtration: ( ) Yes (X) No

Containers (Types, Numbers, Preservatives): 3 40 mL VOA preserved w/ HCl

Comments: Analyzed for VOCs by EPA Method 8260B

Sample Collector: RWM Date: 8/24/12 Time: 1645

File: Ground Water Sampling Form, GW Form
Date: 2/20/2007

Appendix D

Laboratory Analytical Report and Chain-of-Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 490-4968-1
TestAmerica Sample Delivery Group: GDR-006
Client Project/Site: UTC Delavan
Revision: 1

For:
Hart & Hickman, PC
2923 S Tryon Street
Suite 100
Charlotte, North Carolina 28203

Attn: Shannon Cottrill

Authorized for release by:
8/29/2012 4:58:13 PM

Ken Hayes
Project Manager I
ken.hayes@testamericainc.com

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

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

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

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Sample Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-4968-1	DPT-1 (1-3')	Solid	08/22/12 16 55	08/25/12 08 30
490-4968-2	DPT-2 (1-3')	Solid	08/22/12 17:05	08/25/12 08 30
490-4968-3	DPT-3 (1-2')	Solid	08/23/12 14 55	08/25/12 08:30
490-4968-4	DPT-4 (2-3')	Solid	08/23/12 14 15	08/25/12 08.30
490-4968-5	DPT-5 (3-4')	Solid	08/24/12 12:15	08/25/12 08 30
490-4968-6	DPT-6 (5-6')	Solid	08/24/12 12:20	08/25/12 08.30
490-4968-7	DPT-7 (4-5')	Solid	08/24/12 11 40	08/25/12 08:30
490-4968-8	DPT-8 (3-4')	Solid	08/23/12 18 00	08/25/12 08:30
490-4968-9	DPT-9 (2-3')	Solid	08/24/12 10:40	08/25/12 08 30
490-4968-10	DPT-10 (2')	Solid	08/24/12 09 35	08/25/12 08 30
490-4968-11	DPT-11 (2-3')	Solid	08/24/12 10 20	08/25/12 08:30
490-4968-12	DPT-12 (1-2')	Solid	08/24/12 10:00	08/25/12 08 30
490-4968-13	DPT-13 (3-4')	Solid	08/24/12 09:30	08/25/12 08:30
490-4968-14	DPT-14 (4-5')	Solid	08/24/12 09 15	08/25/12 08:30
490-4968-15	DPT-15 (2-3')	Solid	08/23/12 10:00	08/25/12 08:30
490-4968-16	DPT-16 (2-3')	Solid	08/23/12 10 15	08/25/12 08:30
490-4968-17	DPT-17 (3-4')	Solid	08/24/12 14 15	08/25/12 08:30
490-4968-18	DPT-18 (3-4')	Solid	08/24/12 15:00	08/25/12 08:30
490-4968-19	DPT-19 (5-6')	Solid	08/24/12 17.30	08/25/12 08.30
490-4968-20	DPT-20 (5-6')	Solid	08/24/12 17 40	08/25/12 08:30
490-4968-21	DPT-21 (2-3')	Solid	08/24/12 14 50	08/25/12 08:30
490-4968-22	DPT-22 (0-1')	Solid	08/24/12 15 20	08/25/12 08:30
490-4968-23	DPT-23 (0-1')	Solid	08/24/12 15 35	08/25/12 08:30
490-4968-24	DPT-24 (2-3')	Solid	08/24/12 17.50	08/25/12 08 30
490-4968-25	DPT-24 (4-5')	Solid	08/24/12 17 55	08/25/12 08:30
490-4968-26	DPT-25 (3-4')	Solid	08/24/12 18.00	08/25/12 08 30
490-4968-27	DPT-26 (4-5')	Solid	08/24/12 18:10	08/25/12 08 30
490-4968-28	DPT-27 (1-2')	Solid	08/24/12 18:20	08/25/12 08.30
490-4968-29	DPT-27 (4-5')	Solid	08/24/12 18.25	08/25/12 08 30
490-4968-30	RINSE BAILER	Water	08/24/12 18 45	08/25/12 08:30
490-4968-31	RINSE H A	Water	08/24/12 18 50	08/25/12 08:30
490-4968-32	RINSE DPT SLEEVE	Water	08/24/12 18.55	08/25/12 08 30
490-4968-35	MWT-4	Water	08/24/12 16 05	08/25/12 08 30
490-4968-36	MWT-5	Water	08/24/12 16 45	08/25/12 08:30
490-4968-37	DUP-1	Solid	08/24/12 00 01	08/25/12 08 30
490-4968-38	DUP-2	Water	08/24/12 00 01	08/25/12 08 30
490-4968-39	TRIP BLANK	Water	08/24/12 00 01	08/25/12 08:30

Job ID: 490-4968-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-4968-1

Comments
No additional comments.

Receipt
The samples were received on 8/25/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.6° C, 3.2° C and 3.3° C.

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 15622. See LCS/LCSD

Method(s) 8260B. The matrix spike (MS) recoveries for batch 15302 were outside control limits for tetrachloroethene due to carryover from a previous sample. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch15840. See LCS/LCSD

Method(s) 8260B: The method blank for preparation batch 15840 contained Chloroform above the reporting limit (RL). The associated sample(s) contained detects for this analyte due laboratory source water contamination.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 15844. See LCS/LCSD

Method(s) 8260B: The method blank for preparation batch 15844 contained Chloroform above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
B	Compound was found in the blank and sample

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-1 (1-3')
Date Collected: 08/22/12 16:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-1
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,1,1-Trichloroethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,1,2,2-Tetrachloroethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,1,2-Trichloroethane	ND		0.00562		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,1-Dichloroethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
1,1-Dichloroethene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,1-Dichloropropene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2,3-Trichlorobenzene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2,3-Trichloropropane	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2,4-Trichlorobenzene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2,4-Trimethylbenzene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2-Dibromo-3-Chloropropane	ND		0 00562		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2-Dibromoethane (EDB)	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2-Dichlorobenzene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
1,2-Dichloroethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
1,2-Dichloropropane	ND		0 00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16:15	1
1,3,5-Trimethylbenzene	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16.15	1
1,3-Dichlorobenzene	ND		0 00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
1,3-Dichloropropane	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16 15	1
1,4-Dichlorobenzene	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
2,2-Dichloropropane	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
2-Butanone (MEK)	ND		0.0562		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
2-Chlorotoluene	ND		0.00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16:15	1
2-Hexanone	ND		0 0562		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
4-Chlorotoluene	ND		0 00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16 15	1
4-Methyl-2-pentanone (MIBK)	ND		0.0562		mg/Kg	☼	08/27/12 14.40	08/27/12 16.15	1
Acetone	ND		0.0562		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Benzene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Bromobenzene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Bromochloromethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Bromodichloromethane	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16.15	1
Bromoform	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Bromomethane	ND		0 00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
Carbon disulfide	ND		0.00562		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
Carbon tetrachloride	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
Chlorobenzene	ND		0 00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
Chlorodibromomethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Chloroethane	ND		0 00562		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
Chloroform	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16.15	1
Chloromethane	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
cis-1,2-Dichloroethene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
cis-1,3-Dichloropropene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
Dibromomethane	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
Dichlorodifluoromethane	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Ethylbenzene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
Hexachlorobutadiene	ND		0.00562		mg/Kg	☼	08/27/12 14.40	08/27/12 16 15	1
Isopropylbenzene	ND		0.00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16 15	1
Methyl tert-butyl ether	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16.15	1
Methylene Chloride	ND		0 0112		mg/Kg	☼	08/27/12 14 40	08/27/12 16.15	1
Naphthalene	ND		0 00562		mg/Kg	☼	08/27/12 14.40	08/27/12 16:15	1
n-Butylbenzene	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-1 (1-3')
Date Collected: 08/22/12 16:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-1
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16 15	1
p-Isopropyltoluene	ND		0 00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16:15	1
sec-Butylbenzene	ND		0 00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1
Styrene	ND		0.00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16 15	1
tert-Butylbenzene	ND		0.00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16:15	1
Tetrachloroethene	ND		0.00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16 15	1
Toluene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
trans-1,2-Dichloroethene	ND		0.00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
trans-1,3-Dichloropropene	ND		0 00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16 15	1
Trichloroethene	ND		0 00225		mg/Kg	☼	08/27/12 14 40	08/27/12 16 15	1
Trichlorofluoromethane	ND		0 00225		mg/Kg	☼	08/27/12 14.40	08/27/12 16 15	1
Vinyl chloride	ND		0 00225		mg/Kg	☼	08/27/12 14:40	08/27/12 16:15	1
Xylenes, Total	ND		0.00562		mg/Kg	☼	08/27/12 14 40	08/27/12 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/27/12 16:15*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/12 14 40*	*08/27/12 16:15*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/27/12 14 40*	*08/27/12 16 15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*08/27/12 14 40*	*08/27/12 16.15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85**		0.10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-2 (1-3')
Date Collected: 08/22/12 17:05
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-2
Matrix: Solid
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16.46	1
1,1,1-Trichloroethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16.46	1
1,1,2,2-Tetrachloroethane	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
1,1,2-Trichloroethane	ND		0.00464		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
1,1-Dichloroethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
1,1-Dichloroethene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
1,1-Dichloropropene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16 46	1
1,2,3-Trichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2,3-Trichloropropane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2,4-Trichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2,4-Trimethylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2-Dibromo-3-Chloropropane	ND		0.00464		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
1,2-Dibromoethane (EDB)	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2-Dichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2-Dichloroethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,2-Dichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16.46	1
1,3,5-Trimethylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16.46	1
1,3-Dichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
1,3-Dichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
1,4-Dichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
2,2-Dichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
2-Butanone (MEK)	ND		0 0464		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
2-Chlorotoluene	ND		0.00186		mg/Kg	☼	08/27/12 14.40	08/27/12 16 46	1
2-Hexanone	ND		0.0464		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
4-Chlorotoluene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
4-Methyl-2-pentanone (MIBK)	ND		0.0464		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Acetone	ND		0.0464		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
Benzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16 46	1
Bromobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16 46	1
Bromochloromethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
Bromodichloromethane	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16.46	1
Bromoform	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
Bromomethane	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Carbon disulfide	ND		0.00464		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Carbon tetrachloride	ND		0 00186		mg/Kg	☼	08/27/12 14.40	08/27/12 16:46	1
Chlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Chlorodibromomethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Chloroethane	ND		0 00464		mg/Kg	☼	08/27/12 14.40	08/27/12 16:46	1
Chloroform	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
Chloromethane	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
cis-1,2-Dichloroethene	ND		0 00186		mg/Kg	☼	08/27/12 14.40	08/27/12 16:46	1
cis-1,3-Dichloropropene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
Dibromomethane	ND		0.00186		mg/Kg	☼	08/27/12 14.40	08/27/12 16:46	1
Dichlorodifluoromethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
Ethylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Hexachlorobutadiene	ND		0 00464		mg/Kg	☼	08/27/12 14.40	08/27/12 16:46	1
Isopropylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Methyl tert-butyl ether	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Methylene Chloride	ND		0 00929		mg/Kg	☼	08/27/12 14 40	08/27/12 16:46	1
Naphthalene	ND		0 00464		mg/Kg	☼	08/27/12 14 40	08/27/12 16.46	1
n-Butylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14.40	08/27/12 16 46	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-2 (1-3')
Date Collected: 08/22/12 17:05
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-2
Matrix: Solid
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
p-Isopropyltoluene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16 46	1
sec-Butylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Styrene	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
tert-Butylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Tetrachloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Toluene	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16 46	1
trans-1,2-Dichloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
trans-1,3-Dichloropropene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16 46	1
Trichloroethene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/27/12 16 46	1
Trichlorofluoromethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Vinyl chloride	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/27/12 16:46	1
Xylenes, Total	ND		0 00464		mg/Kg	☼	08/27/12 14.40	08/27/12 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*08/27/12 14:40*	*08/27/12 16 46*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*08/27/12 14:40*	*08/27/12 16:46*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/27/12 16:46*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/27/12 16.46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**91**		0 10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-3 (1-2')
Date Collected: 08/23/12 14:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-3
Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17 16	1
1,1,1-Trichloroethane	**0.00776**		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
1,1,2,2-Tetrachloroethane	ND		0 00191		mg/Kg	☼	08/27/12 14.40	08/27/12 17:16	1
1,1,2-Trichloroethane	ND		0 00476		mg/Kg	☼	08/27/12 14:40	08/27/12 17.16	1
1,1-Dichloroethane	ND		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17:16	1
1,1-Dichloroethene	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,1-Dichloropropene	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2,3-Trichlorobenzene	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2,3-Trichloropropane	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2,4-Trichlorobenzene	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2,4-Trimethylbenzene	**0.00346**		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17:16	1
1,2-Dibromo-3-Chloropropane	ND		0 00476		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2-Dibromoethane (EDB)	ND		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17:16	1
1,2-Dichlorobenzene	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2-Dichloroethane	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,2-Dichloropropane	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,3,5-Trimethylbenzene	ND		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17:16	1
1,3-Dichlorobenzene	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,3-Dichloropropane	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
1,4-Dichlorobenzene	ND		0 00191		mg/Kg	☼	08/27/12 14.40	08/27/12 17:16	1
2,2-Dichloropropane	ND		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17:16	1
2-Butanone (MEK)	ND		0 0476		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
2-Chlorotoluene	ND		0.00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17:16	1
2-Hexanone	ND		0 0476		mg/Kg	☼	08/27/12 14 40	08/27/12 17 16	1
4-Chlorotoluene	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		0 0476		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
Acetone	ND		0.0476		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
Benzene	ND		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17.16	1
Bromobenzene	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
Bromochloromethane	ND		0.00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
Bromodichloromethane	ND		0.00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17 16	1
Bromoform	ND		0.00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17.16	1
Bromomethane	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17·16	1
Carbon disulfide	ND		0.00476		mg/Kg	☼	08/27/12 14 40	08/27/12 17·16	1
Carbon tetrachloride	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
Chlorobenzene	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
Chlorodibromomethane	ND		0 00191		mg/Kg	☼	08/27/12 14.40	08/27/12 17:16	1
Chloroethane	ND		0.00476		mg/Kg	☼	08/27/12 14 40	08/27/12 17 16	1
Chloroform	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
Chloromethane	ND		0.00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17·16	1
cis-1,2-Dichloroethene	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
cis-1,3-Dichloropropene	ND		0.00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17·16	1
Dibromomethane	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
Dichlorodifluoromethane	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
Ethylbenzene	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17.16	1
Hexachlorobutadiene	ND		0.00476		mg/Kg	☼	08/27/12 14 40	08/27/12 17.16	1
Isopropylbenzene	ND		0 00191		mg/Kg	☼	08/27/12 14·40	08/27/12 17.16	1
Methyl tert-butyl ether	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17.16	1
Methylene Chloride	ND		0.00953		mg/Kg	☼	08/27/12 14·40	08/27/12 17.16	1
Naphthalene	ND		0.00476		mg/Kg	☼	08/27/12 14 40	08/27/12 17 16	1
n-Butylbenzene	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-3 (1-2')
Date Collected: 08/23/12 14:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-3
Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17.16	1
p-Isopropyltoluene	ND		0.00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17:16	1
sec-Butylbenzene	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
Styrene	ND		0 00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17.16	1
tert-Butylbenzene	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
Tetrachloroethene	**4.82**		0.202		mg/Kg	☼	08/27/12 15.09	08/28/12 15 22	2
Toluene	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
trans-1,2-Dichloroethene	ND		0.00191		mg/Kg	☼	08/27/12 14 40	08/27/12 17.16	1
trans-1,3-Dichloropropene	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1
Trichloroethene	**0.00337**		0.00191		mg/Kg	☼	08/27/12 14.40	08/27/12 17 16	1
Trichlorofluoromethane	ND		0.00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17.16	1
Vinyl chloride	ND		0 00191		mg/Kg	☼	08/27/12 14:40	08/27/12 17 16	1
Xylenes, Total	ND		0 00476		mg/Kg	☼	08/27/12 14:40	08/27/12 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/27/12 14:40*	*08/27/12 17.16*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15.22*	*2*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*08/27/12 14.40*	*08/27/12 17:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15.22*	*2*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14:40*	*08/27/12 17:16*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15.22*	*2*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/27/12 17.16*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15:22*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**97**		0.10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-4 (2-3')
Date Collected: 08/23/12 14:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-4
Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,1,1-Trichloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,1,2,2-Tetrachloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,1,2-Trichloroethane	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,1-Dichloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,1-Dichloroethene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,1-Dichloropropene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2,3-Trichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2,3-Trichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2,4-Trichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2,4-Trimethylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2-Dibromo-3-Chloropropane	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2-Dibromoethane (EDB)	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2-Dichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2-Dichloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,2-Dichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,3,5-Trimethylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,3-Dichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,3-Dichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
1,4-Dichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
2,2-Dichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
2-Butanone (MEK)	ND		0.0459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
2-Chlorotoluene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
2-Hexanone	ND		0.0459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
4-Chlorotoluene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.0459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Acetone	ND		0.0459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Benzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Bromobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Bromochloromethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Bromodichloromethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Bromoform	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Bromomethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Carbon disulfide	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Carbon tetrachloride	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Chlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Chlorodibromomethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Chloroethane	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Chloroform	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Chloromethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
cis-1,2-Dichloroethene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
cis-1,3-Dichloropropene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Dibromomethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Dichlorodifluoromethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Ethylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Hexachlorobutadiene	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Isopropylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Methyl tert-butyl ether	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Methylene Chloride	ND		0.00918		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Naphthalene	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
n-Butylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-4 (2-3')

Date Collected: 08/23/12 14:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-4

Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
p-Isopropyltoluene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 14:20	1
sec-Butylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Styrene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
tert-Butylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 14 20	1
Tetrachloroethene	**0.659**		0.111		mg/Kg	☼	08/27/12 15:09	08/28/12 14 51	1
Toluene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14 20	1
trans-1,2-Dichloroethene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14 20	1
trans-1,3-Dichloropropene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Trichloroethene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 14:20	1
Trichlorofluoromethane	ND		0 00184		mg/Kg	☼	08/27/12 14.40	08/28/12 14:20	1
Vinyl chloride	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 14:20	1
Xylenes, Total	ND		0.00459		mg/Kg	☼	08/27/12 14 40	08/28/12 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*08/27/12 14:40*	*08/28/12 14.20*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*08/27/12 15 09*	*08/28/12 14.51*	*1*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/27/12 14:40*	*08/28/12 14:20*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/27/12 15:09*	*08/28/12 14:51*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 14:20*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*08/27/12 15:09*	*08/28/12 14.51*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/27/12 14:40*	*08/28/12 14:20*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/27/12 15:09*	*08/28/12 14:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**96**		0.10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-5 (3-4')
Date Collected: 08/24/12 12:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-5
Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,1,1-Trichloroethane	ND		0.00186		mg/Kg	☼	08/27/12 14.40	08/28/12 13:19	1
1,1,2,2-Tetrachloroethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,1,2-Trichloroethane	ND		0.00464		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,1-Dichloroethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,1-Dichloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,1-Dichloropropene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2,3-Trichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2,3-Trichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2,4-Trichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2,4-Trimethylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2-Dibromo-3-Chloropropane	ND		0.00464		mg/Kg	☼	08/27/12 14.40	08/28/12 13:19	1
1,2-Dibromoethane (EDB)	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2-Dichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2-Dichloroethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,2-Dichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14.40	08/28/12 13:19	1
1,3,5-Trimethylbenzene	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,3-Dichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,3-Dichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
1,4-Dichlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
2,2-Dichloropropane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
2-Butanone (MEK)	ND		0 0464		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
2-Chlorotoluene	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
2-Hexanone	ND		0.0464		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
4-Chlorotoluene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
4-Methyl-2-pentanone (MIBK)	ND		0 0464		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
Acetone	ND		0 0464		mg/Kg	☼	08/27/12 14.40	08/28/12 13.19	1
Benzene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13 19	1
Bromobenzene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
Bromochloromethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
Bromodichloromethane	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13 19	1
Bromoform	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
Bromomethane	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13.19	1
Carbon disulfide	ND		0 00464		mg/Kg	☼	08/27/12 14 40	08/28/12 13.19	1
Carbon tetrachloride	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Chlorobenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Chlorodibromomethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Chloroethane	ND		0 00464		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Chloroform	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
Chloromethane	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
cis-1,2-Dichloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
cis-1,3-Dichloropropene	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
Dibromomethane	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13 19	1
Dichlorodifluoromethane	ND		0 00186		mg/Kg	☼	08/27/12 14.40	08/28/12 13:19	1
Ethylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
Hexachlorobutadiene	ND		0 00464		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Isopropylbenzene	ND		0 00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13 19	1
Methyl tert-butyl ether	ND		0 00186		mg/Kg	☼	08/27/12 14.40	08/28/12 13:19	1
Methylene Chloride	ND		0.00928		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
Naphthalene	ND		0.00464		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1
n-Butylbenzene	ND		0 00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13 19	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-5 (3-4')
Date Collected: 08/24/12 12:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-5
Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13.19	1
p-Isopropyltoluene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
sec-Butylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Styrene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
tert-Butylbenzene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13.19	1
Tetrachloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
Toluene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
trans-1,2-Dichloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
trans-1,3-Dichloropropene	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Trichloroethene	ND		0.00186		mg/Kg	☼	08/27/12 14 40	08/28/12 13:19	1
Trichlorofluoromethane	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Vinyl chloride	ND		0.00186		mg/Kg	☼	08/27/12 14:40	08/28/12 13:19	1
Xylenes, Total	ND		0 00464		mg/Kg	☼	08/27/12 14.40	08/28/12 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 13:19*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 13:19*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14 40*	*08/28/12 13:19*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/27/12 14:40*	*08/28/12 13:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84**		0 10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-6 (5-6')
Date Collected: 08/24/12 12:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-6
Matrix: Solid
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
1,1,1-Trichloroethane	ND		0 00176		mg/Kg	☼	08/27/12 14.40	08/27/12 18:48	1
1,1,2,2-Tetrachloroethane	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
1,1,2-Trichloroethane	ND		0.00440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
1,1-Dichloroethane	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
1,1-Dichloroethene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18.48	1
1,1-Dichloropropene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
1,2,3-Trichlorobenzene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
1,2,3-Trichloropropane	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
1,2,4-Trichlorobenzene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
1,2,4-Trimethylbenzene	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,2-Dibromo-3-Chloropropane	ND		0 00440		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,2-Dibromoethane (EDB)	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,2-Dichlorobenzene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,2-Dichloroethane	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
1,2-Dichloropropane	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
1,3,5-Trimethylbenzene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,3-Dichlorobenzene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,3-Dichloropropane	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
1,4-Dichlorobenzene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18.48	1
2,2-Dichloropropane	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18.48	1
2-Butanone (MEK)	ND		0.0440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
2-Chlorotoluene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
2-Hexanone	ND		0.0440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
4-Chlorotoluene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18.48	1
4-Methyl-2-pentanone (MIBK)	ND		0 0440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Acetone	ND		0 0440		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Benzene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Bromobenzene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Bromochloromethane	ND		0 00176		mg/Kg	☼	08/27/12 14.40	08/27/12 18.48	1
Bromodichloromethane	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Bromoform	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Bromomethane	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Carbon disulfide	ND		0.00440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Carbon tetrachloride	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Chlorobenzene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Chlorodibromomethane	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Chloroethane	ND		0 00440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Chloroform	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Chloromethane	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
cis-1,2-Dichloroethene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
cis-1,3-Dichloropropene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Dibromomethane	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
Dichlorodifluoromethane	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
Ethylbenzene	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18.48	1
Hexachlorobutadiene	ND		0 00440		mg/Kg	☼	08/27/12 14:40	08/27/12 18.48	1
Isopropylbenzene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
Methyl tert-butyl ether	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18 48	1
Methylene Chloride	ND		0 00879		mg/Kg	☼	08/27/12 14:40	08/27/12 18 48	1
Naphthalene	ND		0 00440		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1
n-Butylbenzene	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18 48	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-6 (5-6')
Date Collected: 08/24/12 12:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-6
Matrix: Solid
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18 48	1
p-Isopropyltoluene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
sec-Butylbenzene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Styrene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
tert-Butylbenzene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18.48	1
Tetrachloroethene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Toluene	ND		0 00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
trans-1,2-Dichloroethene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
trans-1,3-Dichloropropene	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1
Trichloroethene	ND		0.00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
Trichlorofluoromethane	ND		0.00176		mg/Kg	☼	08/27/12 14:40	08/27/12 18 48	1
Vinyl chloride	ND		0 00176		mg/Kg	☼	08/27/12 14 40	08/27/12 18:48	1
Xylenes, Total	ND		0 00440		mg/Kg	☼	08/27/12 14:40	08/27/12 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*08/27/12 14:40*	*08/27/12 18:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/27/12 18.48*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*08/27/12 14.40*	*08/27/12 18:48*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/27/12 18:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85**		0.10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-7 (4-5')
Date Collected: 08/24/12 11:40
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-7
Matrix: Solid
Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
1,1,1-Trichloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,1,2,2-Tetrachloroethane	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,1,2-Trichloroethane	ND		0 00472		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,1-Dichloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,1-Dichloroethene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,1-Dichloropropene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
1,2,3-Trichlorobenzene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
1,2,3-Trichloropropane	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
1,2,4-Trichlorobenzene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,2,4-Trimethylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,2-Dibromo-3-Chloropropane	ND		0 00472		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,2-Dibromoethane (EDB)	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
1,2-Dichlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
1,2-Dichloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,2-Dichloropropane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,3,5-Trimethylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
1,3-Dichlorobenzene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
1,3-Dichloropropane	ND		0.00189		mg/Kg	☼	08/27/12 14.40	08/27/12 19:19	1
1,4-Dichlorobenzene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
2,2-Dichloropropane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
2-Butanone (MEK)	ND		0 0472		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
2-Chlorotoluene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
2-Hexanone	ND		0.0472		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
4-Chlorotoluene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.0472		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Acetone	ND		0.0472		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Benzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Bromobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
Bromochloromethane	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Bromodichloromethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Bromoform	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19.19	1
Bromomethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Carbon disulfide	ND		0.00472		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Carbon tetrachloride	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Chlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Chlorodibromomethane	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Chloroethane	ND		0.00472		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Chloroform	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Chloromethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
cis-1,2-Dichloroethene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
cis-1,3-Dichloropropene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Dibromomethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
Dichlorodifluoromethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Ethylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Hexachlorobutadiene	ND		0 00472		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Isopropylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Methyl tert-butyl ether	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Methylene Chloride	ND		0.00943		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Naphthalene	ND		0 00472		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
n-Butylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-7 (4-5')

Date Collected: 08/24/12 11:40
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-7

Matrix: Solid
Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
p-Isopropyltoluene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
sec-Butylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19 19	1
Styrene	ND		0.00189		mg/Kg	☼	08/27/12 14.40	08/27/12 19.19	1
tert-Butylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Tetrachloroethene	**5.69**		0 195		mg/Kg	☼	08/27/12 15:09	08/28/12 15:53	2
Toluene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
trans-1,2-Dichloroethene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
trans-1,3-Dichloropropene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19 19	1
Trichloroethene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19:19	1
Trichlorofluoromethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/27/12 19.19	1
Vinyl chloride	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1
Xylenes, Total	ND		0.00472		mg/Kg	☼	08/27/12 14 40	08/27/12 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/27/12 19.19*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15:53*	*2*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/27/12 14:40*	*08/27/12 19.19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15.53*	*2*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/27/12 19 19*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15:53*	*2*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/27/12 19:19*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/27/12 15:09*	*08/28/12 15:53*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87**		0 10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-8 (3-4')
Date Collected: 08/23/12 18:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-8
Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
1,1,1-Trichloroethane	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
1,1,2,2-Tetrachloroethane	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
1,1,2-Trichloroethane	ND		0 00441		mg/Kg	☼	08/27/12 14.40	08/28/12 13:49	1
1,1-Dichloroethane	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
1,1-Dichloroethene	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
1,1-Dichloropropene	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13·49	1
1,2,3-Trichlorobenzene	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13·49	1
1,2,3-Trichloropropane	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
1,2,4-Trichlorobenzene	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
1,2,4-Trimethylbenzene	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13 49	1
1,2-Dibromo-3-Chloropropane	ND		0.00441		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
1,2-Dibromoethane (EDB)	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13·49	1
1,2-Dichlorobenzene	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
1,2-Dichloroethane	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
1,2-Dichloropropane	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13 49	1
1,3,5-Trimethylbenzene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
1,3-Dichlorobenzene	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
1,3-Dichloropropane	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13 49	1
1,4-Dichlorobenzene	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
2,2-Dichloropropane	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13.49	1
2-Butanone (MEK)	ND		0.0441		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
2-Chlorotoluene	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13·49	1
2-Hexanone	ND		0 0441		mg/Kg	☼	08/27/12 14 40	08/28/12 13·49	1
4-Chlorotoluene	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
4-Methyl-2-pentanone (MIBK)	ND		0 0441		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Acetone	ND		0.0441		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
Benzene	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13.49	1
Bromobenzene	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
Bromochloromethane	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13·49	1
Bromodichloromethane	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Bromoform	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
Bromomethane	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13.49	1
Carbon disulfide	ND		0.00441		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Carbon tetrachloride	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13.49	1
Chlorobenzene	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13.49	1
Chlorodibromomethane	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13:49	1
Chloroethane	ND		0 00441		mg/Kg	☼	08/27/12 14 40	08/28/12 13.49	1
Chloroform	ND		0 00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13 49	1
Chloromethane	ND		0 00177		mg/Kg	☼	08/27/12 14·40	08/28/12 13·49	1
cis-1,2-Dichloroethene	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13 49	1
cis-1,3-Dichloropropene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Dibromomethane	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Dichlorodifluoromethane	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13:49	1
Ethylbenzene	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13:49	1
Hexachlorobutadiene	ND		0 00441		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
Isopropylbenzene	ND		0.00177		mg/Kg	☼	08/27/12 14·40	08/28/12 13 49	1
Methyl tert-butyl ether	ND		0.00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13:49	1
Methylene Chloride	ND		0.00883		mg/Kg	☼	08/27/12 14:40	08/28/12 13·49	1
Naphthalene	ND		0 00441		mg/Kg	☼	08/27/12 14·40	08/28/12 13 49	1
n-Butylbenzene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-8 (3-4')
Date Collected: 08/23/12 18:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-8
Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
p-Isopropyltoluene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
sec-Butylbenzene	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Styrene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
tert-Butylbenzene	ND		0.00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13:49	1
Tetrachloroethene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Toluene	ND		0 00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
trans-1,2-Dichloroethene	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
trans-1,3-Dichloropropene	ND		0 00177		mg/Kg	☼	08/27/12 14.40	08/28/12 13 49	1
Trichloroethene	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13:49	1
Trichlorofluoromethane	ND		0.00177		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1
Vinyl chloride	ND		0.00177		mg/Kg	☼	08/27/12 14 40	08/28/12 13 49	1
Xylenes, Total	ND		0 00441		mg/Kg	☼	08/27/12 14:40	08/28/12 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/28/12 13.49*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/12 14.40*	*08/28/12 13.49*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*08/27/12 14.40*	*08/28/12 13:49*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/27/12 14.40*	*08/28/12 13.49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**83**		0.10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID. 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-9 (2-3')
Date Collected: 08/24/12 10:40
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-9
Matrix: Solid
Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,1,1-Trichloroethane	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,1,2,2-Tetrachloroethane	ND		0.00185		mg/Kg	☼	08/27/12 14.40	08/27/12 20:20	1
1,1,2-Trichloroethane	ND		0 00463		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,1-Dichloroethane	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,1-Dichloroethene	ND		0.00185		mg/Kg	☼	08/27/12 14.40	08/27/12 20 20	1
1,1-Dichloropropene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20.20	1
1,2,3-Trichlorobenzene	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,2,3-Trichloropropane	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
1,2,4-Trichlorobenzene	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
1,2,4-Trimethylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,2-Dibromo-3-Chloropropane	ND		0.00463		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,2-Dibromoethane (EDB)	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,2-Dichlorobenzene	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
1,2-Dichloroethane	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
1,2-Dichloropropane	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
1,3,5-Trimethylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
1,3-Dichlorobenzene	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
1,3-Dichloropropane	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
1,4-Dichlorobenzene	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
2,2-Dichloropropane	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
2-Butanone (MEK)	ND		0.0463		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
2-Chlorotoluene	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
2-Hexanone	ND		0.0463		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
4-Chlorotoluene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.0463		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
Acetone	ND		0.0463		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Benzene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Bromobenzene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Bromochloromethane	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Bromodichloromethane	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
Bromoform	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Bromomethane	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
Carbon disulfide	ND		0 00463		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Carbon tetrachloride	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
Chlorobenzene	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
Chlorodibromomethane	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
Chloroethane	ND		0.00463		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
Chloroform	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
Chloromethane	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
cis-1,2-Dichloroethene	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
cis-1,3-Dichloropropene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
Dibromomethane	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
Dichlorodifluoromethane	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Ethylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Hexachlorobutadiene	ND		0.00463		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
Isopropylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
Methyl tert-butyl ether	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20.20	1
Methylene Chloride	ND		0.00926		mg/Kg	☼	08/27/12 14 40	08/27/12 20.20	1
Naphthalene	ND		0.00463		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
n-Butylbenzene	ND		0.00185		mg/Kg	☼	08/27/12 14.40	08/27/12 20.20	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-9 (2-3')
Date Collected: 08/24/12 10:40
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-9
Matrix: Solid
Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14.40	08/27/12 20 20	1
p-Isopropyltoluene	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
sec-Butylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14.40	08/27/12 20 20	1
Styrene	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
tert-Butylbenzene	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20 20	1
Tetrachloroethene	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
Toluene	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
trans-1,2-Dichloroethene	ND		0 00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20:20	1
trans-1,3-Dichloropropene	ND		0.00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20:20	1
Trichloroethene	ND		0 00185		mg/Kg	☼	08/27/12 14 40	08/27/12 20.20	1
Trichlorofluoromethane	ND		0.00185		mg/Kg	☼	08/27/12 14.40	08/27/12 20 20	1
Vinyl chloride	ND		0.00185		mg/Kg	☼	08/27/12 14:40	08/27/12 20 20	1
Xylenes, Total	ND		0.00463		mg/Kg	☼	08/27/12 14.40	08/27/12 20 20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/27/12 20:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/27/12 20.20*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/27/12 20.20*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/27/12 20:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**92**		0.10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-10 (2')
Date Collected: 08/24/12 09:35
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-10
Matrix: Solid
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
1,1,1-Trichloroethane	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
1,1,2,2-Tetrachloroethane	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20.51	1
1,1,2-Trichloroethane	ND		0 00446		mg/Kg	☼	08/27/12 14:40	08/27/12 20.51	1
1,1-Dichloroethane	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
1,1-Dichloroethene	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,1-Dichloropropene	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,2,3-Trichlorobenzene	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,2,3-Trichloropropane	ND		0.00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
1,2,4-Trichlorobenzene	ND		0 00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20:51	1
1,2,4-Trimethylbenzene	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,2-Dibromo-3-Chloropropane	ND		0 00446		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,2-Dibromoethane (EDB)	ND		0.00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20 51	1
1,2-Dichlorobenzene	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20.51	1
1,2-Dichloroethane	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
1,2-Dichloropropane	ND		0 00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20.51	1
1,3,5-Trimethylbenzene	ND		0.00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
1,3-Dichlorobenzene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,3-Dichloropropane	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
1,4-Dichlorobenzene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20.51	1
2,2-Dichloropropane	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
2-Butanone (MEK)	ND		0 0446		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
2-Chlorotoluene	ND		0.00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20:51	1
2-Hexanone	ND		0.0446		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
4-Chlorotoluene	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
4-Methyl-2-pentanone (MIBK)	ND		0 0446		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
Acetone	ND		0 0446		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
Benzene	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
Bromobenzene	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20.51	1
Bromochloromethane	ND		0.00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20.51	1
Bromodichloromethane	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Bromoform	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Bromomethane	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Carbon disulfide	ND		0.00446		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
Carbon tetrachloride	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20.51	1
Chlorobenzene	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
Chlorodibromomethane	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
Chloroethane	ND		0 00446		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Chloroform	ND		0.00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
Chloromethane	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
cis-1,2-Dichloroethene	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
cis-1,3-Dichloropropene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
Dibromomethane	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Dichlorodifluoromethane	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
Ethylbenzene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Hexachlorobutadiene	ND		0 00446		mg/Kg	☼	08/27/12 14.40	08/27/12 20.51	1
Isopropylbenzene	ND		0.00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20.51	1
Methyl tert-butyl ether	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
Methylene Chloride	ND		0 00893		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
Naphthalene	ND		0.00446		mg/Kg	☼	08/27/12 14 40	08/27/12 20:51	1
n-Butylbenzene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-10 (2')
Date Collected: 08/24/12 09:35
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-10
Matrix: Solid
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20:51	1
p-Isopropyltoluene	ND		0.00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20 51	1
sec-Butylbenzene	ND		0.00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20·51	1
Styrene	ND		0.00179		mg/Kg	☼	08/27/12 14·40	08/27/12 20:51	1
tert-Butylbenzene	ND		0.00179		mg/Kg	☼	08/27/12 14.40	08/27/12 20.51	1
Tetrachloroethene	**0.00235**		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Toluene	ND		0.00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
trans-1,2-Dichloroethene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20:51	1
trans-1,3-Dichloropropene	ND		0 00179		mg/Kg	☼	08/27/12 14 40	08/27/12 20·51	1
Trichloroethene	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20·51	1
Trichlorofluoromethane	ND		0 00179		mg/Kg	☼	08/27/12 14·40	08/27/12 20 51	1
Vinyl chloride	ND		0 00179		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1
Xylenes, Total	ND		0.00446		mg/Kg	☼	08/27/12 14:40	08/27/12 20 51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*08/27/12 14:40*	*08/27/12 20:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/27/12 20.51*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14 40*	*08/27/12 20.51*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 14 40*	*08/27/12 20.51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**89**		0 10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-11 (2-3')
Date Collected: 08/24/12 10:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-11
Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,1,1-Trichloroethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,1,2,2-Tetrachloroethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,1,2-Trichloroethane	ND		0.00409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,1-Dichloroethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,1-Dichloroethene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,1-Dichloropropene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2,3-Trichlorobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2,3-Trichloropropane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2,4-Trichlorobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2,4-Trimethylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2-Dibromo-3-Chloropropane	ND		0.00409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2-Dibromoethane (EDB)	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2-Dichlorobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2-Dichloroethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,2-Dichloropropane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,3,5-Trimethylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,3-Dichlorobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,3-Dichloropropane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
1,4-Dichlorobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
2,2-Dichloropropane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
2-Butanone (MEK)	ND		0.0409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
2-Chlorotoluene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
2-Hexanone	ND		0.0409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
4-Chlorotoluene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.0409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Acetone	ND		0.0409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Benzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Bromobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Bromochloromethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Bromodichloromethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Bromoform	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Bromomethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Carbon disulfide	ND		0.00409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Carbon tetrachloride	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Chlorobenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Chlorodibromomethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Chloroethane	ND		0.00409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Chloroform	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Chloromethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
cis-1,2-Dichloroethene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
cis-1,3-Dichloropropene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Dibromomethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Dichlorodifluoromethane	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Ethylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Hexachlorobutadiene	ND		0.00409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Isopropylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Methyl tert-butyl ether	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Methylene Chloride	ND		0.00819		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
Naphthalene	ND		0.00409		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
n-Butylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-11 (2-3')

Lab Sample ID: 490-4968-11

Date Collected: 08/24/12 10:20
Date Received: 08/25/12 08:30

Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21:22	1
p-Isopropyltoluene	ND		0 00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21 22	1
sec-Butylbenzene	ND		0.00164		mg/Kg	☼	08/27/12 14·40	08/27/12 21:22	1
Styrene	ND		0.00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21:22	1
tert-Butylbenzene	ND		0 00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21:22	1
Tetrachloroethene	**0.00343**		0 00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21:22	1
Toluene	ND		0.00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21:22	1
trans-1,2-Dichloroethene	ND		0.00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21 22	1
trans-1,3-Dichloropropene	ND		0.00164		mg/Kg	☼	08/27/12 14 40	08/27/12 21·22	1
Trichloroethene	ND		0 00164		mg/Kg	☼	08/27/12 14.40	08/27/12 21.22	1
Trichlorofluoromethane	ND		0 00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21·22	1
Vinyl chloride	ND		0 00164		mg/Kg	☼	08/27/12 14:40	08/27/12 21 22	1
Xylenes, Total	ND		0 00409		mg/Kg	☼	08/27/12 14·40	08/27/12 21 22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/27/12 21:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/12 14 40*	*08/27/12 21.22*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/27/12 14.40*	*08/27/12 21:22*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/27/12 14 40*	*08/27/12 21.22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85**		0.10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-12 (1-2')
Date Collected: 08/24/12 10:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-12
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,1,1-Trichloroethane	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
1,1,2,2-Tetrachloroethane	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,1,2-Trichloroethane	ND		0.00467		mg/Kg	☼	08/27/12 14:40	08/27/12 21 53	1
1,1-Dichloroethane	ND		0 00187		mg/Kg	☼	08/27/12 14.40	08/27/12 21:53	1
1,1-Dichloroethene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,1-Dichloropropene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,2,3-Trichlorobenzene	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
1,2,3-Trichloropropane	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
1,2,4-Trichlorobenzene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,2,4-Trimethylbenzene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,2-Dibromo-3-Chloropropane	ND		0.00467		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,2-Dibromoethane (EDB)	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21.53	1
1,2-Dichlorobenzene	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
1,2-Dichloroethane	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,2-Dichloropropane	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,3,5-Trimethylbenzene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,3-Dichlorobenzene	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,3-Dichloropropane	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
1,4-Dichlorobenzene	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
2,2-Dichloropropane	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
2-Butanone (MEK)	ND		0.0467		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
2-Chlorotoluene	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
2-Hexanone	ND		0 0467		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
4-Chlorotoluene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.0467		mg/Kg	☼	08/27/12 14:40	08/27/12 21.53	1
Acetone	ND		0.0467		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Benzene	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Bromobenzene	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Bromochloromethane	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21.53	1
Bromodichloromethane	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21 53	1
Bromoform	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Bromomethane	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Carbon disulfide	ND		0.00467		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Carbon tetrachloride	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21 53	1
Chlorobenzene	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Chlorodibromomethane	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Chloroethane	ND		0 00467		mg/Kg	☼	08/27/12 14.40	08/27/12 21:53	1
Chloroform	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Chloromethane	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
cis-1,2-Dichloroethene	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21 53	1
cis-1,3-Dichloropropene	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21 53	1
Dibromomethane	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Dichlorodifluoromethane	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21 53	1
Ethylbenzene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Hexachlorobutadiene	ND		0 00467		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Isopropylbenzene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Methyl tert-butyl ether	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Methylene Chloride	ND		0 00934		mg/Kg	☼	08/27/12 14.40	08/27/12 21:53	1
Naphthalene	ND		0.00467		mg/Kg	☼	08/27/12 14.40	08/27/12 21:53	1
n-Butylbenzene	ND		0.00187		mg/Kg	☼	08/27/12 14.40	08/27/12 21 53	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-12 (1-2')
Date Collected: 08/24/12 10:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-12
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
p-Isopropyltoluene	ND		0 00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
sec-Butylbenzene	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
Styrene	ND		0.00187		mg/Kg	☼	08/27/12 14.40	08/27/12 21:53	1
tert-Butylbenzene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21 53	1
Tetrachloroethene	**0.00370**		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21 53	1
Toluene	ND		0.00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
trans-1,2-Dichloroethene	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21:53	1
trans-1,3-Dichloropropene	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21:53	1
Trichloroethene	ND		0 00187		mg/Kg	☼	08/27/12 14.40	08/27/12 21:53	1
Trichlorofluoromethane	ND		0 00187		mg/Kg	☼	08/27/12 14:40	08/27/12 21.53	1
Vinyl chloride	ND		0.00187		mg/Kg	☼	08/27/12 14 40	08/27/12 21 53	1
Xylenes, Total	ND		0.00467		mg/Kg	☼	08/27/12 14:40	08/27/12 21.53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/27/12 14.40*	*08/27/12 21:53*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/27/12 21:53*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/27/12 14 40*	*08/27/12 21.53*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/27/12 14:40*	*08/27/12 21:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85**		0.10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-13 (3-4')
Date Collected: 08/24/12 09:30
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-13
Matrix: Solid
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16:24	1
1,1,1-Trichloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16:24	1
1,1,2,2-Tetrachloroethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16 24	1
1,1,2-Trichloroethane	ND		0.00473		mg/Kg	☼	08/27/12 14 40	08/28/12 16:24	1
1,1-Dichloroethane	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16 24	1
1,1-Dichloroethene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
1,1-Dichloropropene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16:24	1
1,2,3-Trichlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16.24	1
1,2,3-Trichloropropane	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16:24	1
1,2,4-Trichlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
1,2,4-Trimethylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14.40	08/28/12 16 24	1
1,2-Dibromo-3-Chloropropane	ND		0.00473		mg/Kg	☼	08/27/12 14 40	08/28/12 16.24	1
1,2-Dibromoethane (EDB)	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16 24	1
1,2-Dichlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
1,2-Dichloroethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
1,2-Dichloropropane	ND		0.00189		mg/Kg	☼	08/27/12 14.40	08/28/12 16:24	1
1,3,5-Trimethylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16 24	1
1,3-Dichlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
1,3-Dichloropropane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
1,4-Dichlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14.40	08/28/12 16:24	1
2,2-Dichloropropane	ND		0 00189		mg/Kg	☼	08/27/12 14.40	08/28/12 16:24	1
2-Butanone (MEK)	ND		0.0473		mg/Kg	☼	08/27/12 14 40	08/28/12 16.24	1
2-Chlorotoluene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
2-Hexanone	ND		0.0473		mg/Kg	☼	08/27/12 14 40	08/28/12 16.24	1
4-Chlorotoluene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		0 0473		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Acetone	ND		0 0473		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Benzene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Bromobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Bromochloromethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Bromodichloromethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16 24	1
Bromoform	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Bromomethane	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Carbon disulfide	ND		0 00473		mg/Kg	☼	08/27/12 14.40	08/28/12 16:24	1
Carbon tetrachloride	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Chlorobenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Chlorodibromomethane	ND		0 00189		mg/Kg	☼	08/27/12 14.40	08/28/12 16:24	1
Chloroethane	ND		0.00473		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Chloroform	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16 24	1
Chloromethane	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
cis-1,2-Dichloroethene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
cis-1,3-Dichloropropene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Dibromomethane	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Dichlorodifluoromethane	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Ethylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Hexachlorobutadiene	ND		0 00473		mg/Kg	☼	08/27/12 14.40	08/28/12 16 24	1
Isopropylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16.24	1
Methyl tert-butyl ether	ND		0 00189		mg/Kg	☼	08/27/12 14.40	08/28/12 16:24	1
Methylene Chloride	ND		0.00945		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Naphthalene	ND		0 00473		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
n-Butylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-13 (3-4')
Date Collected: 08/24/12 09:30
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-13
Matrix: Solid
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
p-Isopropyltoluene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
sec-Butylbenzene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Styrene	ND		0.00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
tert-Butylbenzene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Tetrachloroethene	**0.0704**		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Toluene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
trans-1,2-Dichloroethene	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
trans-1,3-Dichloropropene	ND		0 00189		mg/Kg	☼	08/27/12 14 40	08/28/12 16 24	1
Trichloroethene	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16.24	1
Trichlorofluoromethane	ND		0 00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Vinyl chloride	ND		0.00189		mg/Kg	☼	08/27/12 14:40	08/28/12 16:24	1
Xylenes, Total	ND		0 00473		mg/Kg	☼	08/27/12 14.40	08/28/12 16 24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16:24*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16:24*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16:24*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86**		0 10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-14 (4-5')
Date Collected: 08/24/12 09:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-14
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16 55	1
1,1,1-Trichloroethane	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16 55	1
1,1,2,2-Tetrachloroethane	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16.55	1
1,1,2-Trichloroethane	ND		0.00525		mg/Kg	☼	08/27/12 14:40	08/28/12 16.55	1
1,1-Dichloroethane	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
1,1-Dichloroethene	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,1-Dichloropropene	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2,3-Trichlorobenzene	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2,3-Trichloropropane	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
1,2,4-Trichlorobenzene	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2,4-Trimethylbenzene	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2-Dibromo-3-Chloropropane	ND		0 00525		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2-Dibromoethane (EDB)	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16.55	1
1,2-Dichlorobenzene	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2-Dichloroethane	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,2-Dichloropropane	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,3,5-Trimethylbenzene	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
1,3-Dichlorobenzene	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
1,3-Dichloropropane	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
1,4-Dichlorobenzene	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
2,2-Dichloropropane	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16 55	1
2-Butanone (MEK)	ND		0.0525		mg/Kg	☼	08/27/12 14 40	08/28/12 16.55	1
2-Chlorotoluene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
2-Hexanone	ND		0 0525		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
4-Chlorotoluene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.0525		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Acetone	ND		0 0525		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Benzene	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Bromobenzene	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Bromochloromethane	ND		0.00210		mg/Kg	☼	08/27/12 14.40	08/28/12 16.55	1
Bromodichloromethane	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Bromoform	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Bromomethane	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Carbon disulfide	ND		0.00525		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Carbon tetrachloride	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
Chlorobenzene	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16.55	1
Chlorodibromomethane	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
Chloroethane	ND		0 00525		mg/Kg	☼	08/27/12 14 40	08/28/12 16.55	1
Chloroform	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
Chloromethane	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
cis-1,2-Dichloroethene	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
cis-1,3-Dichloropropene	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16 55	1
Dibromomethane	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
Dichlorodifluoromethane	ND		0 00210		mg/Kg	☼	08/27/12 14.40	08/28/12 16 55	1
Ethylbenzene	ND		0 00210		mg/Kg	☼	08/27/12 14.40	08/28/12 16 55	1
Hexachlorobutadiene	ND		0 00525		mg/Kg	☼	08/27/12 14 40	08/28/12 16 55	1
Isopropylbenzene	ND		0.00210		mg/Kg	☼	08/27/12 14.40	08/28/12 16 55	1
Methyl tert-butyl ether	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Methylene Chloride	ND		0 0105		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Naphthalene	ND		0 00525		mg/Kg	☼	08/27/12 14.40	08/28/12 16:55	1
n-Butylbenzene	ND		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-14 (4-5')
Date Collected: 08/24/12 09:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-14
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
p-Isopropyltoluene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
sec-Butylbenzene	ND		0.00210		mg/Kg	☼	08/27/12 14 40	08/28/12 16:55	1
Styrene	ND		0 00210		mg/Kg	☼	08/27/12 14.40	08/28/12 16.55	1
tert-Butylbenzene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Tetrachloroethene	**0.0496**		0.00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
Toluene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
trans-1,2-Dichloroethene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
trans-1,3-Dichloropropene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Trichloroethene	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16 55	1
Trichlorofluoromethane	ND		0 00210		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1
Vinyl chloride	ND		0 00210		mg/Kg	☼	08/27/12 14.40	08/28/12 16:55	1
Xylenes, Total	ND		0.00525		mg/Kg	☼	08/27/12 14:40	08/28/12 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/27/12 14.40*	*08/28/12 16.55*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/27/12 14.40*	*08/28/12 16:55*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*08/27/12 14 40*	*08/28/12 16.55*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*	*08/27/12 14.40*	*08/28/12 16.55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78**		0 10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG. GDR-006

Client Sample ID: DPT-15 (2-3')
Date Collected: 08/23/12 10:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-15
Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
1,1,1-Trichloroethane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
1,1,2,2-Tetrachloroethane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
1,1,2-Trichloroethane	ND		0.00437		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,1-Dichloroethane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
1,1-Dichloroethene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,1-Dichloropropene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
1,2,3-Trichlorobenzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,2,3-Trichloropropane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
1,2,4-Trichlorobenzene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17.26	1
1,2,4-Trimethylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,2-Dibromo-3-Chloropropane	ND		0.00437		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,2-Dibromoethane (EDB)	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
1,2-Dichlorobenzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,2-Dichloroethane	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
1,2-Dichloropropane	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
1,3,5-Trimethylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17.26	1
1,3-Dichlorobenzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,3-Dichloropropane	ND		0 00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
1,4-Dichlorobenzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17.26	1
2,2-Dichloropropane	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17.26	1
2-Butanone (MEK)	ND		0.0437		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
2-Chlorotoluene	ND		0 00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
2-Hexanone	ND		0.0437		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
4-Chlorotoluene	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
4-Methyl-2-pentanone (MIBK)	ND		0.0437		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
Acetone	ND		0.0437		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
Benzene	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
Bromobenzene	ND		0.00175		mg/Kg	☼	08/27/12 14.40	08/28/12 17 26	1
Bromochloromethane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17.26	1
Bromodichloromethane	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
Bromoform	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17.26	1
Bromomethane	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
Carbon disulfide	ND		0.00437		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
Carbon tetrachloride	ND		0.00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17 26	1
Chlorobenzene	ND		0 00175		mg/Kg	☼	08/27/12 14.40	08/28/12 17:26	1
Chlorodibromomethane	ND		0 00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17.26	1
Chloroethane	ND		0.00437		mg/Kg	☼	08/27/12 14 40	08/28/12 17 26	1
Chloroform	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17.26	1
Chloromethane	ND		0 00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
cis-1,2-Dichloroethene	ND		0 00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
cis-1,3-Dichloropropene	ND		0 00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
Dibromomethane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Dichlorodifluoromethane	ND		0.00175		mg/Kg	☼	08/27/12 14.40	08/28/12 17.26	1
Ethylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
Hexachlorobutadiene	ND		0.00437		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Isopropylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17 26	1
Methyl tert-butyl ether	ND		0 00175		mg/Kg	☼	08/27/12 14 40	08/28/12 17:26	1
Methylene Chloride	ND		0.00874		mg/Kg	☼	08/27/12 14 40	08/28/12 17.26	1
Naphthalene	ND		0.00437		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
n-Butylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14.40	08/28/12 17:26	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-15 (2-3')

Date Collected: 08/23/12 10:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-15

Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
p-Isopropyltoluene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
sec-Butylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Styrene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
tert-Butylbenzene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Tetrachloroethene	**0.00563**		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Toluene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
trans-1,2-Dichloroethene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
trans-1,3-Dichloropropene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Trichloroethene	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Trichlorofluoromethane	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Vinyl chloride	ND		0.00175		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1
Xylenes, Total	ND		0.00437		mg/Kg	☼	08/27/12 14:40	08/28/12 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:26*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:26*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84**		0.10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-16 (2-3')
Date Collected: 08/23/12 10:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-16
Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,1,1-Trichloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,1,2,2-Tetrachloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,1,2-Trichloroethane	ND		0.00485		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,1-Dichloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,1-Dichloroethene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,1-Dichloropropene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,2,3-Trichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,2,3-Trichloropropane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,2,4-Trichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,2,4-Trimethylbenzene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,2-Dibromo-3-Chloropropane	ND		0 00485		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,2-Dibromoethane (EDB)	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,2-Dichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17.57	1
1,2-Dichloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,2-Dichloropropane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
1,3,5-Trimethylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,3-Dichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,3-Dichloropropane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
1,4-Dichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
2,2-Dichloropropane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
2-Butanone (MEK)	ND		0.0485		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
2-Chlorotoluene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
2-Hexanone	ND		0.0485		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
4-Chlorotoluene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
4-Methyl-2-pentanone (MIBK)	ND		0.0485		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
Acetone	ND		0 0485		mg/Kg	☼	08/27/12 14.40	08/28/12 17.57	1
Benzene	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17 57	1
Bromobenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Bromochloromethane	ND		0.00194		mg/Kg	☼	08/27/12 14.40	08/28/12 17:57	1
Bromodichloromethane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17 57	1
Bromoform	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Bromomethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17.57	1
Carbon disulfide	ND		0.00485		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Carbon tetrachloride	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Chlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
Chlorodibromomethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
Chloroethane	ND		0.00485		mg/Kg	☼	08/27/12 14:40	08/28/12 17.57	1
Chloroform	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
Chloromethane	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
cis-1,2-Dichloroethene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
cis-1,3-Dichloropropene	ND		0 00194		mg/Kg	☼	08/27/12 14.40	08/28/12 17:57	1
Dibromomethane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Dichlorodifluoromethane	ND		0 00194		mg/Kg	☼	08/27/12 14.40	08/28/12 17:57	1
Ethylbenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Hexachlorobutadiene	ND		0.00485		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Isopropylbenzene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1
Methyl tert-butyl ether	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17.57	1
Methylene Chloride	ND		0 00971		mg/Kg	☼	08/27/12 14.40	08/28/12 17 57	1
Naphthalene	ND		0 00485		mg/Kg	☼	08/27/12 14 40	08/28/12 17 57	1
n-Butylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17 57	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-16 (2-3')
Date Collected: 08/23/12 10:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-16
Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14.40	08/28/12 17 57	1
p-Isopropyltoluene	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17 57	1
sec-Butylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17.57	1
Styrene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
tert-Butylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Tetrachloroethene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Toluene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
trans-1,2-Dichloroethene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
trans-1,3-Dichloropropene	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 17:57	1
Trichloroethene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17·57	1
Trichlorofluoromethane	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
Vinyl chloride	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 17:57	1
Xylenes, Total	ND		0 00485		mg/Kg	☼	08/27/12 14·40	08/28/12 17·57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*08/27/12 14.40*	*08/28/12 17:57*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17 57*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17.57*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/27/12 14·40*	*08/28/12 17.57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87**		0.10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-17 (3-4')
Date Collected: 08/24/12 14:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-17
Matrix: Solid
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 18:28	1
1,1,1-Trichloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
1,1,2,2-Tetrachloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18.28	1
1,1,2-Trichloroethane	ND		0.00491		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
1,1-Dichloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
1,1-Dichloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
1,1-Dichloropropene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
1,2,3-Trichlorobenzene	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
1,2,3-Trichloropropane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
1,2,4-Trichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
1,2,4-Trimethylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
1,2-Dibromo-3-Chloropropane	ND		0.00491		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
1,2-Dibromoethane (EDB)	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 18:28	1
1,2-Dichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
1,2-Dichloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
1,2-Dichloropropane	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
1,3,5-Trimethylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 18:28	1
1,3-Dichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
1,3-Dichloropropane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
1,4-Dichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
2,2-Dichloropropane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
2-Butanone (MEK)	ND		0 0491		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
2-Chlorotoluene	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
2-Hexanone	ND		0 0491		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
4-Chlorotoluene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
4-Methyl-2-pentanone (MIBK)	ND		0.0491		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Acetone	ND		0 0491		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
Benzene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Bromobenzene	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
Bromochloromethane	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Bromodichloromethane	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
Bromoform	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Bromomethane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
Carbon disulfide	ND		0.00491		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Carbon tetrachloride	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Chlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18.28	1
Chlorodibromomethane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Chloroethane	ND		0 00491		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
Chloroform	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
Chloromethane	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
cis-1,2-Dichloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
cis-1,3-Dichloropropene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
Dibromomethane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Dichlorodifluoromethane	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Ethylbenzene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Hexachlorobutadiene	ND		0 00491		mg/Kg	☼	08/27/12 14.40	08/28/12 18:28	1
Isopropylbenzene	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18.28	1
Methyl tert-butyl ether	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Methylene Chloride	ND		0.00983		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1
Naphthalene	ND		0.00491		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
n-Butylbenzene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-17 (3-4')

Date Collected: 08/24/12 14:15
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-17

Matrix: Solid
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
p-Isopropyltoluene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
sec-Butylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Styrene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
tert-Butylbenzene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18.28	1
Tetrachloroethene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18 28	1
Toluene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
trans-1,2-Dichloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
trans-1,3-Dichloropropene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18.28	1
Trichloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 18:28	1
Trichlorofluoromethane	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 18:28	1
Vinyl chloride	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 18:28	1
Xylenes, Total	ND		0 00491		mg/Kg	☼	08/27/12 14 40	08/28/12 18 28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/27/12 14.40*	*08/28/12 18 28*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18.28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18.28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**83**		0 10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-18 (3-4')
Date Collected: 08/24/12 15:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-18
Matrix: Solid
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
1,1,1-Trichloroethane	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
1,1,2,2-Tetrachloroethane	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
1,1,2-Trichloroethane	ND		0 00359		mg/Kg	☼	08/27/12 14.40	08/28/12 18:59	1
1,1-Dichloroethane	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
1,1-Dichloroethene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
1,1-Dichloropropene	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18.59	1
1,2,3-Trichlorobenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
1,2,3-Trichloropropane	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
1,2,4-Trichlorobenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
1,2,4-Trimethylbenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
1,2-Dibromo-3-Chloropropane	ND		0 00359		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
1,2-Dibromoethane (EDB)	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
1,2-Dichlorobenzene	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
1,2-Dichloroethane	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
1,2-Dichloropropane	ND		0 00144		mg/Kg	☼	08/27/12 14.40	08/28/12 18:59	1
1,3,5-Trimethylbenzene	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
1,3-Dichlorobenzene	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
1,3-Dichloropropane	ND		0.00144		mg/Kg	☼	08/27/12 14.40	08/28/12 18:59	1
1,4-Dichlorobenzene	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
2,2-Dichloropropane	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
2-Butanone (MEK)	ND		0 0359		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
2-Chlorotoluene	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
2-Hexanone	ND		0 0359		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
4-Chlorotoluene	ND		0.00144		mg/Kg	☼	08/27/12 14.40	08/28/12 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		0 0359		mg/Kg	☼	08/27/12 14.40	08/28/12 18:59	1
Acetone	ND		0.0359		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
Benzene	ND		0.00144		mg/Kg	☼	08/27/12 14.40	08/28/12 18:59	1
Bromobenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Bromochloromethane	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Bromodichloromethane	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Bromoform	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
Bromomethane	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Carbon disulfide	ND		0.00359		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Carbon tetrachloride	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Chlorobenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Chlorodibromomethane	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
Chloroethane	ND		0 00359		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Chloroform	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
Chloromethane	ND		0.00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
cis-1,2-Dichloroethene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
cis-1,3-Dichloropropene	ND		0.00144		mg/Kg	☼	08/27/12 14.40	08/28/12 18 59	1
Dibromomethane	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
Dichlorodifluoromethane	ND		0.00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
Ethylbenzene	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
Hexachlorobutadiene	ND		0 00359		mg/Kg	☼	08/27/12 14 40	08/28/12 18:59	1
Isopropylbenzene	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
Methyl tert-butyl ether	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Methylene Chloride	ND		0 00719		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Naphthalene	ND		0 00359		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
n-Butylbenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-18 (3-4')

Date Collected: 08/24/12 15:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-18

Matrix: Solid
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
p-Isopropyltoluene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
sec-Butylbenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Styrene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
tert-Butylbenzene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Tetrachloroethene	**0.566**		0.0998		mg/Kg	☼	08/27/12 15:09	08/29/12 13 16	1
Toluene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
trans-1,2-Dichloroethene	ND		0.00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18 59	1
trans-1,3-Dichloropropene	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Trichloroethene	**0.00382**		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18:59	1
Trichlorofluoromethane	ND		0 00144		mg/Kg	☼	08/27/12 14 40	08/28/12 18 59	1
Vinyl chloride	ND		0.00144		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1
Xylenes, Total	ND		0.00359		mg/Kg	☼	08/27/12 14:40	08/28/12 18 59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*08/27/12 14.40*	*08/28/12 18:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/27/12 15:09*	*08/29/12 13:16*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/27/12 14 40*	*08/28/12 18.59*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/27/12 15 09*	*08/29/12 13.16*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14.40*	*08/28/12 18.59*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*08/27/12 15:09*	*08/29/12 13:16*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/27/12 14 40*	*08/28/12 18.59*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/27/12 15 09*	*08/29/12 13.16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**89**		0 10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-19 (5-6')
Date Collected: 08/24/12 17:30
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-19
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19:29	1
1,1,1-Trichloroethane	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19.29	1
1,1,2,2-Tetrachloroethane	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,1,2-Trichloroethane	ND		0 00548		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
1,1-Dichloroethane	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19.29	1
1,1-Dichloroethene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,1-Dichloropropene	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,2,3-Trichlorobenzene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
1,2,3-Trichloropropane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
1,2,4-Trichlorobenzene	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,2,4-Trimethylbenzene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,2-Dibromo-3-Chloropropane	ND		0 00548		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
1,2-Dibromoethane (EDB)	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,2-Dichlorobenzene	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
1,2-Dichloroethane	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
1,2-Dichloropropane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
1,3,5-Trimethylbenzene	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
1,3-Dichlorobenzene	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
1,3-Dichloropropane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
1,4-Dichlorobenzene	ND		0 00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19 29	1
2,2-Dichloropropane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19.29	1
2-Butanone (MEK)	ND		0 0548		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
2-Chlorotoluene	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
2-Hexanone	ND		0.0548		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
4-Chlorotoluene	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.0548		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Acetone	ND		0.0548		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Benzene	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
Bromobenzene	ND		0 00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19:29	1
Bromochloromethane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Bromodichloromethane	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
Bromoform	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19.29	1
Bromomethane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Carbon disulfide	ND		0 00548		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
Carbon tetrachloride	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19.29	1
Chlorobenzene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Chlorodibromomethane	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
Chloroethane	ND		0 00548		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Chloroform	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
Chloromethane	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
cis-1,2-Dichloroethene	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19.29	1
cis-1,3-Dichloropropene	ND		0 00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19 29	1
Dibromomethane	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
Dichlorodifluoromethane	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
Ethylbenzene	ND		0 00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19:29	1
Hexachlorobutadiene	ND		0 00548		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
Isopropylbenzene	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19.29	1
Methyl tert-butyl ether	ND		0.00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19 29	1
Methylene Chloride	ND		0 0110		mg/Kg	☼	08/27/12 14:40	08/28/12 19.29	1
Naphthalene	ND		0 00548		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
n-Butylbenzene	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-19 (5-6')
Date Collected: 08/24/12 17:30
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-19
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19.29	1
p-Isopropyltoluene	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
sec-Butylbenzene	ND		0 00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19:29	1
Styrene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19 29	1
tert-Butylbenzene	ND		0.00219		mg/Kg	☼	08/27/12 14 40	08/28/12 19 29	1
Tetrachloroethene	ND		0.00207		mg/Kg	☼	08/27/12 14 40	08/29/12 12 17	1
Toluene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
trans-1,2-Dichloroethene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
trans-1,3-Dichloropropene	ND		0 00219		mg/Kg	☼	08/27/12 14.40	08/28/12 19:29	1
Trichloroethene	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Trichlorofluoromethane	ND		0 00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Vinyl chloride	ND		0.00219		mg/Kg	☼	08/27/12 14:40	08/28/12 19:29	1
Xylenes, Total	ND		0.00548		mg/Kg	☼	08/27/12 14 40	08/28/12 19.29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*	*08/27/12 14 40*	*08/28/12 19 29*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12.17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/28/12 19:29*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12:17*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14:40*	*08/28/12 19:29*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12:17*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*08/27/12 14 40*	*08/28/12 19:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84**		0.10		%			08/25/12 13:29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-20 (5-6')
Date Collected: 08/24/12 17:40
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-20
Matrix: Solid
Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,1,1-Trichloroethane	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,1,2,2-Tetrachloroethane	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,1,2-Trichloroethane	ND		0.00494		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,1-Dichloroethane	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,1-Dichloroethene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20.00	1
1,1-Dichloropropene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,2,3-Trichlorobenzene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,2,3-Trichloropropane	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20.00	1
1,2,4-Trichlorobenzene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,2,4-Trimethylbenzene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,2-Dibromo-3-Chloropropane	ND		0 00494		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,2-Dibromoethane (EDB)	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,2-Dichlorobenzene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,2-Dichloroethane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,2-Dichloropropane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
1,3,5-Trimethylbenzene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20.00	1
1,3-Dichlorobenzene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,3-Dichloropropane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
1,4-Dichlorobenzene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
2,2-Dichloropropane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
2-Butanone (MEK)	ND		0.0494		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
2-Chlorotoluene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
2-Hexanone	ND		0 0494		mg/Kg	☼	08/27/12 14.40	08/28/12 20:00	1
4-Chlorotoluene	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.0494		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Acetone	ND		0.0494		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Benzene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Bromobenzene	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
Bromochloromethane	ND		0.00198		mg/Kg	☼	08/27/12 14.40	08/28/12 20.00	1
Bromodichloromethane	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20 00	1
Bromoform	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Bromomethane	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20 00	1
Carbon disulfide	ND		0 00494		mg/Kg	☼	08/27/12 14 40	08/28/12 20 00	1
Carbon tetrachloride	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
Chlorobenzene	ND		0 00198		mg/Kg	☼	08/27/12 14.40	08/28/12 20:00	1
Chlorodibromomethane	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
Chloroethane	ND		0.00494		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Chloroform	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Chloromethane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
cis-1,2-Dichloroethene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
cis-1,3-Dichloropropene	ND		0 00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
Dibromomethane	ND		0 00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20 00	1
Dichlorodifluoromethane	ND		0 00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
Ethylbenzene	ND		0 00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20 00	1
Hexachlorobutadiene	ND		0 00494		mg/Kg	☼	08/27/12 14 40	08/28/12 20.00	1
Isopropylbenzene	ND		0.00198		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1
Methyl tert-butyl ether	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Methylene Chloride	ND		0.00988		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Naphthalene	ND		0 00494		mg/Kg	☼	08/27/12 14 40	08/28/12 20 00	1
n-Butylbenzene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-20 (5-6')
Date Collected: 08/24/12 17:40
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-20
Matrix: Solid
Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
p-Isopropyltoluene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20.00	1
sec-Butylbenzene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Styrene	ND		0 00198		mg/Kg	☼	08/27/12 14.40	08/28/12 20.00	1
tert-Butylbenzene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20.00	1
Tetrachloroethene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/29/12 12:47	1
Toluene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
trans-1,2-Dichloroethene	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20.00	1
trans-1,3-Dichloropropene	ND		0 00198		mg/Kg	☼	08/27/12 14.40	08/28/12 20:00	1
Trichloroethene	ND		0.00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20 00	1
Trichlorofluoromethane	ND		0 00198		mg/Kg	☼	08/27/12 14:40	08/28/12 20:00	1
Vinyl chloride	ND		0.00198		mg/Kg	☼	08/27/12 14.40	08/28/12 20 00	1
Xylenes, Total	ND		0 00494		mg/Kg	☼	08/27/12 14 40	08/28/12 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*	*08/27/12 14:40*	*08/28/12 20 00*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12.47*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/28/12 20:00*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/12 14 40*	*08/29/12 12:47*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*08/27/12 14:40*	*08/28/12 20 00*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12.47*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 20:00*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/29/12 12 47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**79**		0 10		%			08/25/12 13 29	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-21 (2-3')
Date Collected: 08/24/12 14:50
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-21
Matrix: Solid
Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
1,1,1-Trichloroethane	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
1,1,2,2-Tetrachloroethane	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
1,1,2-Trichloroethane	ND		0.00435		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
1,1-Dichloroethane	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
1,1-Dichloroethene	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
1,1-Dichloropropene	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20.30	1
1,2,3-Trichlorobenzene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
1,2,3-Trichloropropane	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
1,2,4-Trichlorobenzene	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
1,2,4-Trimethylbenzene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20.30	1
1,2-Dibromo-3-Chloropropane	ND		0 00435		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
1,2-Dibromoethane (EDB)	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
1,2-Dichlorobenzene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
1,2-Dichloroethane	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
1,2-Dichloropropane	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
1,3,5-Trimethylbenzene	ND		0 00174		mg/Kg	☼	08/27/12 14.40	08/28/12 20:30	1
1,3-Dichlorobenzene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
1,3-Dichloropropane	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
1,4-Dichlorobenzene	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
2,2-Dichloropropane	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
2-Butanone (MEK)	ND		0.0435		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
2-Chlorotoluene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
2-Hexanone	ND		0.0435		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
4-Chlorotoluene	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.0435		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Acetone	ND		0.0435		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
Benzene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
Bromobenzene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Bromochloromethane	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20.30	1
Bromodichloromethane	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Bromoform	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
Bromomethane	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
Carbon disulfide	ND		0 00435		mg/Kg	☼	08/27/12 14 40	08/28/12 20.30	1
Carbon tetrachloride	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
Chlorobenzene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20.30	1
Chlorodibromomethane	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Chloroethane	ND		0.00435		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
Chloroform	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Chloromethane	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
cis-1,2-Dichloroethene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
cis-1,3-Dichloropropene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Dibromomethane	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
Dichlorodifluoromethane	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
Ethylbenzene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
Hexachlorobutadiene	ND		0.00435		mg/Kg	☼	08/27/12 14.40	08/28/12 20 30	1
Isopropylbenzene	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20.30	1
Methyl tert-butyl ether	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
Methylene Chloride	ND		0 00870		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
Naphthalene	ND		0.00435		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
n-Butylbenzene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-21 (2-3')
Date Collected: 08/24/12 14:50
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-21
Matrix: Solid
Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
p-Isopropyltoluene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
sec-Butylbenzene	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Styrene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
tert-Butylbenzene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Tetrachloroethene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
Toluene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
trans-1,2-Dichloroethene	ND		0 00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1
trans-1,3-Dichloropropene	ND		0.00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20:30	1
Trichloroethene	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
Trichlorofluoromethane	ND		0.00174		mg/Kg	☼	08/27/12 14:40	08/28/12 20 30	1
Vinyl chloride	ND		0 00174		mg/Kg	☼	08/27/12 14 40	08/28/12 20 30	1
Xylenes, Total	ND		0.00435		mg/Kg	☼	08/27/12 14:40	08/28/12 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*08/27/12 14.40*	*08/28/12 20:30*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/27/12 14:40*	*08/28/12 20:30*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14 40*	*08/28/12 20:30*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/27/12 14.40*	*08/28/12 20:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**98**		0.10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-22 (0-1')
Date Collected: 08/24/12 15:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-22
Matrix: Solid
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,1,1-Trichloroethane	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,1,2,2-Tetrachloroethane	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
1,1,2-Trichloroethane	ND		0 00488		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,1-Dichloroethane	ND		0 00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21:01	1
1,1-Dichloroethene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
1,1-Dichloropropene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,2,3-Trichlorobenzene	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,2,3-Trichloropropane	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,2,4-Trichlorobenzene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
1,2,4-Trimethylbenzene	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
1,2-Dibromo-3-Chloropropane	ND		0 00488		mg/Kg	☼	08/27/12 14 40	08/28/12 21·01	1
1,2-Dibromoethane (EDB)	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
1,2-Dichlorobenzene	ND		0.00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21:01	1
1,2-Dichloroethane	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
1,2-Dichloropropane	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
1,3,5-Trimethylbenzene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1
1,3-Dichlorobenzene	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1
1,3-Dichloropropane	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1
1,4-Dichlorobenzene	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21·01	1
2,2-Dichloropropane	ND		0 00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21:01	1
2-Butanone (MEK)	ND		0 0488		mg/Kg	☼	08/27/12 14.40	08/28/12 21 01	1
2-Chlorotoluene	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21.01	1
2-Hexanone	ND		0 0488		mg/Kg	☼	08/27/12 14 40	08/28/12 21.01	1
4-Chlorotoluene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
4-Methyl-2-pentanone (MIBK)	ND		0 0488		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
Acetone	**0.107**		0 0488		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Benzene	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Bromobenzene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
Bromochloromethane	ND		0.00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21:01	1
Bromodichloromethane	ND		0 00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21:01	1
Bromoform	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Bromomethane	ND		0.00195		mg/Kg	☼	08/27/12 14.40	08/28/12 21:01	1
Carbon disulfide	ND		0.00488		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
Carbon tetrachloride	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1
Chlorobenzene	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Chlorodibromomethane	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21·01	1
Chloroethane	ND		0 00488		mg/Kg	☼	08/27/12 14·40	08/28/12 21·01	1
Chloroform	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Chloromethane	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
cis-1,2-Dichloroethene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
cis-1,3-Dichloropropene	ND		0 00195		mg/Kg	☼	08/27/12 14.40	08/28/12 21.01	1
Dibromomethane	ND		0 00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1
Dichlorodifluoromethane	ND		0 00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21 01	1
Ethylbenzene	ND		0 00195		mg/Kg	☼	08/27/12 14·40	08/28/12 21 01	1
Hexachlorobutadiene	ND		0.00488		mg/Kg	☼	08/27/12 14 40	08/28/12 21.01	1
Isopropylbenzene	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21 01	1
Methyl tert-butyl ether	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Methylene Chloride	ND		0.00975		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Naphthalene	ND		0 00488		mg/Kg	☼	08/27/12 14:40	08/28/12 21.01	1
n-Butylbenzene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21·01	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-22 (0-1')
Date Collected: 08/24/12 15:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-22
Matrix: Solid
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00195		mg/Kg	☼	08/27/12 14.40	08/28/12 21:01	1
p-Isopropyltoluene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1
sec-Butylbenzene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
Styrene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21 01	1
tert-Butylbenzene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21.01	1
Tetrachloroethene	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Toluene	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21.01	1
trans-1,2-Dichloroethene	ND		0 00195		mg/Kg	☼	08/27/12 14.40	08/28/12 21:01	1
trans-1,3-Dichloropropene	ND		0.00195		mg/Kg	☼	08/27/12 14:40	08/28/12 21:01	1
Trichloroethene	ND		0.00195		mg/Kg	☼	08/27/12 14.40	08/28/12 21:01	1
Trichlorofluoromethane	ND		0.00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21 01	1
Vinyl chloride	ND		0 00195		mg/Kg	☼	08/27/12 14 40	08/28/12 21:01	1
Xylenes, Total	ND		0 00488		mg/Kg	☼	08/27/12 14:40	08/28/12 21 01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/28/12 21:01*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/27/12 14.40*	*08/28/12 21:01*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*08/27/12 14:40*	*08/28/12 21.01*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*08/27/12 14:40*	*08/28/12 21.01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**93**		0 10		%			08/25/12 13 54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-23 (0-1')
Date Collected: 08/24/12 15:35
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-23
Matrix: Solid
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,1,1-Trichloroethane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,1,2,2-Tetrachloroethane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
1,1,2-Trichloroethane	ND		0.00458		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,1-Dichloroethane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,1-Dichloroethene	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,1-Dichloropropene	ND		0 00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,2,3-Trichlorobenzene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,2,3-Trichloropropane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,2,4-Trichlorobenzene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21.31	1
1,2,4-Trimethylbenzene	ND		0 00183		mg/Kg	☼	08/27/12 14.40	08/28/12 21:31	1
1,2-Dibromo-3-Chloropropane	ND		0 00458		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,2-Dibromoethane (EDB)	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,2-Dichlorobenzene	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,2-Dichloroethane	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,2-Dichloropropane	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,3,5-Trimethylbenzene	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
1,3-Dichlorobenzene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,3-Dichloropropane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
1,4-Dichlorobenzene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
2,2-Dichloropropane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
2-Butanone (MEK)	ND		0 0458		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
2-Chlorotoluene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
2-Hexanone	ND		0 0458		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
4-Chlorotoluene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
4-Methyl-2-pentanone (MIBK)	ND		0 0458		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
Acetone	ND		0.0458		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Benzene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21.31	1
Bromobenzene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Bromochloromethane	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Bromodichloromethane	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21.31	1
Bromoform	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Bromomethane	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
Carbon disulfide	ND		0.00458		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
Carbon tetrachloride	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Chlorobenzene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Chlorodibromomethane	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Chloroethane	ND		0.00458		mg/Kg	☼	08/27/12 14 40	08/28/12 21.31	1
Chloroform	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
Chloromethane	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21 31	1
cis-1,2-Dichloroethene	ND		0.00183		mg/Kg	☼	08/27/12 14.40	08/28/12 21:31	1
cis-1,3-Dichloropropene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Dibromomethane	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
Dichlorodifluoromethane	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Ethylbenzene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
Hexachlorobutadiene	ND		0.00458		mg/Kg	☼	08/27/12 14.40	08/28/12 21:31	1
Isopropylbenzene	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21 31	1
Methyl tert-butyl ether	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Methylene Chloride	ND		0.00916		mg/Kg	☼	08/27/12 14.40	08/28/12 21.31	1
Naphthalene	ND		0.00458		mg/Kg	☼	08/27/12 14 40	08/28/12 21 31	1
n-Butylbenzene	ND		0.00183		mg/Kg	☼	08/27/12 14.40	08/28/12 21:31	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-23 (0-1')

Date Collected: 08/24/12 15:35
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-23

Matrix: Solid
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00183		mg/Kg	☼	08/27/12 14.40	08/28/12 21:31	1
p-Isopropyltoluene	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21:31	1
sec-Butylbenzene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Styrene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
tert-Butylbenzene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
Tetrachloroethene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
Toluene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21 31	1
trans-1,2-Dichloroethene	ND		0 00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
trans-1,3-Dichloropropene	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21 31	1
Trichloroethene	ND		0.00183		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1
Trichlorofluoromethane	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21.31	1
Vinyl chloride	ND		0.00183		mg/Kg	☼	08/27/12 14 40	08/28/12 21.31	1
Xylenes, Total	ND		0 00458		mg/Kg	☼	08/27/12 14:40	08/28/12 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*08/27/12 14 40*	*08/28/12 21:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/27/12 14 40*	*08/28/12 21 31*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14:40*	*08/28/12 21:31*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/27/12 14.40*	*08/28/12 21:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**93**		0 10		%			08/25/12 13.54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-24 (2-3')
Date Collected: 08/24/12 17:50
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-24
Matrix: Solid
Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,1,1-Trichloroethane	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,1,2,2-Tetrachloroethane	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,1,2-Trichloroethane	ND		0 00403		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,1-Dichloroethane	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
1,1-Dichloroethene	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
1,1-Dichloropropene	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,2,3-Trichlorobenzene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,2,3-Trichloropropane	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
1,2,4-Trichlorobenzene	ND		0 00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15 10	1
1,2,4-Trimethylbenzene	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
1,2-Dibromo-3-Chloropropane	ND		0 00403		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,2-Dibromoethane (EDB)	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,2-Dichlorobenzene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
1,2-Dichloroethane	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15 10	1
1,2-Dichloropropane	ND		0 00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
1,3,5-Trimethylbenzene	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
1,3-Dichlorobenzene	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
1,3-Dichloropropane	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
1,4-Dichlorobenzene	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
2,2-Dichloropropane	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
2-Butanone (MEK)	ND		0.0403		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
2-Chlorotoluene	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15.10	1
2-Hexanone	ND		0 0403		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
4-Chlorotoluene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
4-Methyl-2-pentanone (MIBK)	ND		0 0403		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
Acetone	ND		0.0403		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
Benzene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15 10	1
Bromobenzene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
Bromochloromethane	ND		0 00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
Bromodichloromethane	ND		0 00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15.10	1
Bromoform	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
Bromomethane	ND		0.00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15:10	1
Carbon disulfide	ND		0.00403		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
Carbon tetrachloride	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
Chlorobenzene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
Chlorodibromomethane	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
Chloroethane	ND		0.00403		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
Chloroform	**0.00288**	**B**	0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
Chloromethane	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
cis-1,2-Dichloroethene	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
cis-1,3-Dichloropropene	ND		0 00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15.10	1
Dibromomethane	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
Dichlorodifluoromethane	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
Ethylbenzene	ND		0 00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15:10	1
Hexachlorobutadiene	ND		0.00403		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
Isopropylbenzene	ND		0 00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
Methyl tert-butyl ether	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15.10	1
Methylene Chloride	ND		0 00806		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
Naphthalene	ND		0.00403		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
n-Butylbenzene	ND		0.00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15.10	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-24 (2-3')
Date Collected: 08/24/12 17:50
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-24
Matrix: Solid
Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15:10	1
p-Isopropyltoluene	ND		0 00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15 10	1
sec-Butylbenzene	ND		0 00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15 10	1
Styrene	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15:10	1
tert-Butylbenzene	ND		0.00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15:10	1
Tetrachloroethene	ND		0.00161		mg/Kg	☼	08/27/12 14.40	08/28/12 15:10	1
Toluene	ND		0 00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15 10	1
trans-1,2-Dichloroethene	ND		0.00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
trans-1,3-Dichloropropene	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15 10	1
Trichloroethene	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15 10	1
Trichlorofluoromethane	ND		0 00161		mg/Kg	☼	08/27/12 14 40	08/28/12 15:10	1
Vinyl chloride	ND		0.00161		mg/Kg	☼	08/27/12 14:40	08/28/12 15 10	1
Xylenes, Total	ND		0 00403		mg/Kg	☼	08/27/12 14 40	08/28/12 15.10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:10*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:10*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/27/12 14.40*	*08/28/12 15.10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88**		0.10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-24 (4-5')

Date Collected: 08/24/12 17:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-25

Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,1,1-Trichloroethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,1,2,2-Tetrachloroethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,1,2-Trichloroethane	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,1-Dichloroethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,1-Dichloroethene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,1-Dichloropropene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2,3-Trichlorobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2,3-Trichloropropane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2,4-Trichlorobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2,4-Trimethylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2-Dibromo-3-Chloropropane	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2-Dibromoethane (EDB)	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2-Dichlorobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2-Dichloroethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,2-Dichloropropane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,3,5-Trimethylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,3-Dichlorobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,3-Dichloropropane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
1,4-Dichlorobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
2,2-Dichloropropane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
2-Butanone (MEK)	ND		0.0421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
2-Chlorotoluene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
2-Hexanone	ND		0.0421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
4-Chlorotoluene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		0.0421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Acetone	ND		0.0421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Benzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Bromobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Bromochloromethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Bromodichloromethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Bromoform	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Bromomethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Carbon disulfide	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Carbon tetrachloride	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Chlorobenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Chlorodibromomethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Chloroethane	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Chloroform	**0.00277**	**B**	0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Chloromethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
cis-1,2-Dichloroethene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
cis-1,3-Dichloropropene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Dibromomethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Dichlorodifluoromethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Ethylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Hexachlorobutadiene	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Isopropylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Methyl tert-butyl ether	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Methylene Chloride	ND		0.00841		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Naphthalene	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
n-Butylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-24 (4-5')
Date Collected: 08/24/12 17:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-25
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
p-Isopropyltoluene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
sec-Butylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Styrene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
tert-Butylbenzene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Tetrachloroethene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Toluene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
trans-1,2-Dichloroethene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
trans-1,3-Dichloropropene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Trichloroethene	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Trichlorofluoromethane	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Vinyl chloride	ND		0.00168		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1
Xylenes, Total	ND		0.00421		mg/Kg	☼	08/27/12 14:40	08/28/12 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:39*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:39*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 15:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85**		0.10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-25 (3-4')
Date Collected: 08/24/12 18:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-26
Matrix: Solid
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,1,1-Trichloroethane	ND		0.00202		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
1,1,2,2-Tetrachloroethane	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,1,2-Trichloroethane	ND		0.00504		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,1-Dichloroethane	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16 09	1
1,1-Dichloroethene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16.09	1
1,1-Dichloropropene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,2,3-Trichlorobenzene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,2,3-Trichloropropane	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16.09	1
1,2,4-Trichlorobenzene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,2,4-Trimethylbenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
1,2-Dibromo-3-Chloropropane	ND		0.00504		mg/Kg	☼	08/27/12 14.40	08/28/12 16 09	1
1,2-Dibromoethane (EDB)	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
1,2-Dichlorobenzene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16 09	1
1,2-Dichloroethane	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
1,2-Dichloropropane	ND		0.00202		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
1,3,5-Trimethylbenzene	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
1,3-Dichlorobenzene	ND		0.00202		mg/Kg	☼	08/27/12 14.40	08/28/12 16 09	1
1,3-Dichloropropane	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
1,4-Dichlorobenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
2,2-Dichloropropane	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
2-Butanone (MEK)	ND		0 0504		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
2-Chlorotoluene	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
2-Hexanone	ND		0 0504		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
4-Chlorotoluene	ND		0.00202		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		0 0504		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
Acetone	ND		0 0504		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Benzene	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Bromobenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16.09	1
Bromochloromethane	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Bromodichloromethane	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
Bromoform	ND		0 00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
Bromomethane	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16.09	1
Carbon disulfide	ND		0.00504		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
Carbon tetrachloride	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
Chlorobenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Chlorodibromomethane	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
Chloroethane	ND		0 00504		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
Chloroform	**0.00278**	**B**	0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
Chloromethane	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
cis-1,2-Dichloroethene	ND		0 00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
cis-1,3-Dichloropropene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Dibromomethane	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
Dichlorodifluoromethane	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Ethylbenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
Hexachlorobutadiene	ND		0.00504		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Isopropylbenzene	ND		0 00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16 09	1
Methyl tert-butyl ether	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
Methylene Chloride	ND		0.0101		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
Naphthalene	ND		0.00504		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
n-Butylbenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-25 (3-4')
Date Collected: 08/24/12 18:00
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-26
Matrix: Solid
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
p-Isopropyltoluene	ND		0 00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16 09	1
sec-Butylbenzene	ND		0 00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
Styrene	ND		0.00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
tert-Butylbenzene	ND		0.00202		mg/Kg	☼	08/27/12 14·40	08/28/12 16:09	1
Tetrachloroethene	**0.00255**		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1
Toluene	ND		0 00202		mg/Kg	☼	08/27/12 14 40	08/28/12 16 09	1
trans-1,2-Dichloroethene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16:09	1
trans-1,3-Dichloropropene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16·09	1
Trichloroethene	ND		0.00202		mg/Kg	☼	08/27/12 14:40	08/28/12 16 09	1
Trichlorofluoromethane	ND		0.00202		mg/Kg	☼	08/27/12 14.40	08/28/12 16·09	1
Vinyl chloride	ND		0 00202		mg/Kg	☼	08/27/12 14.40	08/28/12 16:09	1
Xylenes, Total	ND		0.00504		mg/Kg	☼	08/27/12 14 40	08/28/12 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/27/12 14.40*	*08/28/12 16·09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/27/12 14.40*	*08/28/12 16·09*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*08/27/12 14 40*	*08/28/12 16:09*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/27/12 14·40*	*08/28/12 16:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86**		0.10		%			08/25/12 13 54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-26 (4-5')
Date Collected: 08/24/12 18:10
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-27
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
1,1,1-Trichloroethane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
1,1,2,2-Tetrachloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,1,2-Trichloroethane	ND		0 00484		mg/Kg	☼	08/27/12 14 40	08/28/12 16.38	1
1,1-Dichloroethane	ND		0 00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16:38	1
1,1-Dichloroethene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,1-Dichloropropene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2,3-Trichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2,3-Trichloropropane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
1,2,4-Trichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2,4-Trimethylbenzene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2-Dibromo-3-Chloropropane	ND		0.00484		mg/Kg	☼	08/27/12 14:40	08/28/12 16.38	1
1,2-Dibromoethane (EDB)	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2-Dichlorobenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2-Dichloroethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,2-Dichloropropane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
1,3,5-Trimethylbenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
1,3-Dichlorobenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
1,3-Dichloropropane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
1,4-Dichlorobenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
2,2-Dichloropropane	ND		0 00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16 38	1
2-Butanone (MEK)	ND		0 0484		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
2-Chlorotoluene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
2-Hexanone	ND		0.0484		mg/Kg	☼	08/27/12 14.40	08/28/12 16.38	1
4-Chlorotoluene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16 38	1
4-Methyl-2-pentanone (MIBK)	ND		0 0484		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Acetone	ND		0.0484		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Benzene	ND		0.00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16:38	1
Bromobenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
Bromochloromethane	ND		0.00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16.38	1
Bromodichloromethane	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
Bromoform	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
Bromomethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Carbon disulfide	ND		0 00484		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Carbon tetrachloride	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Chlorobenzene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
Chlorodibromomethane	ND		0 00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16:38	1
Chloroethane	ND		0.00484		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Chloroform	**0.00296**	**B**	0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16.38	1
Chloromethane	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
cis-1,2-Dichloroethene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
cis-1,3-Dichloropropene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Dibromomethane	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16.38	1
Dichlorodifluoromethane	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Ethylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16 38	1
Hexachlorobutadiene	ND		0 00484		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
Isopropylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14.40	08/28/12 16:38	1
Methyl tert-butyl ether	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16 38	1
Methylene Chloride	ND		0.00968		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
Naphthalene	ND		0.00484		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
n-Butylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-26 (4-5')

Date Collected: 08/24/12 18:10
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-27

Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
p-Isopropyltoluene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
sec-Butylbenzene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Styrene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
tert-Butylbenzene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Tetrachloroethene	**0.00382**		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Toluene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
trans-1,2-Dichloroethene	ND		0.00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
trans-1,3-Dichloropropene	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
Trichloroethene	ND		0 00194		mg/Kg	☼	08/27/12 14:40	08/28/12 16:38	1
Trichlorofluoromethane	ND		0.00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16 38	1
Vinyl chloride	ND		0 00194		mg/Kg	☼	08/27/12 14 40	08/28/12 16:38	1
Xylenes, Total	ND		0.00484		mg/Kg	☼	08/27/12 14:40	08/28/12 16 38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16:38*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16.38*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/27/12 14:40*	*08/28/12 16.38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78**		0.10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-27 (1-2')
Date Collected: 08/24/12 18:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-28
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
1,1,1-Trichloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
1,1,2,2-Tetrachloroethane	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
1,1,2-Trichloroethane	ND		0.00459		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
1,1-Dichloroethane	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17.07	1
1,1-Dichloroethene	ND		0 00184		mg/Kg	☼	08/27/12 14.40	08/28/12 17:07	1
1,1-Dichloropropene	ND		0 00184		mg/Kg	☼	08/27/12 14·40	08/28/12 17 07	1
1,2,3-Trichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14·40	08/28/12 17 07	1
1,2,3-Trichloropropane	ND		0 00184		mg/Kg	☼	08/27/12 14.40	08/28/12 17:07	1
1,2,4-Trichlorobenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
1,2,4-Trimethylbenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
1,2-Dibromo-3-Chloropropane	ND		0.00459		mg/Kg	☼	08/27/12 14:40	08/28/12 17 07	1
1,2-Dibromoethane (EDB)	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17 07	1
1,2-Dichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17 07	1
1,2-Dichloroethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
1,2-Dichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14·40	08/28/12 17 07	1
1,3,5-Trimethylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
1,3-Dichlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17.07	1
1,3-Dichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
1,4-Dichlorobenzene	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
2,2-Dichloropropane	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17.07	1
2-Butanone (MEK)	ND		0 0459		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
2-Chlorotoluene	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
2-Hexanone	ND		0 0459		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
4-Chlorotoluene	ND		0 00184		mg/Kg	☼	08/27/12 14·40	08/28/12 17:07	1
4-Methyl-2-pentanone (MIBK)	ND		0 0459		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Acetone	ND		0.0459		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Benzene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17.07	1
Bromobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14.40	08/28/12 17:07	1
Bromochloromethane	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17.07	1
Bromodichloromethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17.07	1
Bromoform	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
Bromomethane	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Carbon disulfide	ND		0 00459		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
Carbon tetrachloride	ND		0.00184		mg/Kg	☼	08/27/12 14.40	08/28/12 17.07	1
Chlorobenzene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Chlorodibromomethane	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Chloroethane	ND		0.00459		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Chloroform	**0.00320**	**B**	0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Chloromethane	ND		0 00184		mg/Kg	☼	08/27/12 14·40	08/28/12 17:07	1
cis-1,2-Dichloroethene	ND		0.00184		mg/Kg	☼	08/27/12 14·40	08/28/12 17:07	1
cis-1,3-Dichloropropene	ND		0 00184		mg/Kg	☼	08/27/12 14.40	08/28/12 17 07	1
Dibromomethane	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17·07	1
Dichlorodifluoromethane	ND		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Ethylbenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17.07	1
Hexachlorobutadiene	ND		0.00459		mg/Kg	☼	08/27/12 14·40	08/28/12 17:07	1
Isopropylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Methyl tert-butyl ether	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17.07	1
Methylene Chloride	ND		0 00918		mg/Kg	☼	08/27/12 14 40	08/28/12 17 07	1
Naphthalene	ND		0.00459		mg/Kg	☼	08/27/12 14 40	08/28/12 17·07	1
n-Butylbenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-27 (1-2')
Date Collected: 08/24/12 18:20
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-28
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17 07	1
p-Isopropyltoluene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17 07	1
sec-Butylbenzene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17 07	1
Styrene	ND		0.00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
tert-Butylbenzene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17.07	1
Tetrachloroethene	**0.00258**		0 00184		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1
Toluene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
trans-1,2-Dichloroethene	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
trans-1,3-Dichloropropene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Trichloroethene	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Trichlorofluoromethane	ND		0 00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Vinyl chloride	ND		0.00184		mg/Kg	☼	08/27/12 14:40	08/28/12 17:07	1
Xylenes, Total	ND		0 00459		mg/Kg	☼	08/27/12 14 40	08/28/12 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:07*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:07*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:07*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**92**		0.10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-27 (4-5')
Date Collected: 08/24/12 18:25
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-29
Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
1,1,1-Trichloroethane	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,1,2,2-Tetrachloroethane	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
1,1,2-Trichloroethane	ND		0 00493		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,1-Dichloroethane	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,1-Dichloroethene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17 36	1
1,1-Dichloropropene	ND		0 00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17 36	1
1,2,3-Trichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17.36	1
1,2,3-Trichloropropane	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,2,4-Trichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
1,2,4-Trimethylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
1,2-Dibromo-3-Chloropropane	ND		0.00493		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
1,2-Dibromoethane (EDB)	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
1,2-Dichlorobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17.36	1
1,2-Dichloroethane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
1,2-Dichloropropane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17 36	1
1,3,5-Trimethylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,3-Dichlorobenzene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,3-Dichloropropane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
1,4-Dichlorobenzene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
2,2-Dichloropropane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17 36	1
2-Butanone (MEK)	ND		0.0493		mg/Kg	☼	08/27/12 14:40	08/28/12 17 36	1
2-Chlorotoluene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17.36	1
2-Hexanone	ND		0.0493		mg/Kg	☼	08/27/12 14 40	08/28/12 17.36	1
4-Chlorotoluene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		0 0493		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Acetone	ND		0.0493		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Benzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Bromobenzene	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17:36	1
Bromochloromethane	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17 36	1
Bromodichloromethane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
Bromoform	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Bromomethane	ND		0 00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17.36	1
Carbon disulfide	ND		0 00493		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Carbon tetrachloride	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Chlorobenzene	ND		0 00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17:36	1
Chlorodibromomethane	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Chloroethane	ND		0.00493		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Chloroform	**0.00316**	**B**	0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17.36	1
Chloromethane	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17.36	1
cis-1,2-Dichloroethene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
cis-1,3-Dichloropropene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
Dibromomethane	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Dichlorodifluoromethane	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Ethylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Hexachlorobutadiene	ND		0.00493		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Isopropylbenzene	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17.36	1
Methyl tert-butyl ether	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Methylene Chloride	ND		0 00987		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Naphthalene	ND		0 00493		mg/Kg	☼	08/27/12 14 40	08/28/12 17 36	1
n-Butylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17.36	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-27 (4-5')

Date Collected: 08/24/12 18:25
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-29

Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
p-Isopropyltoluene	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17:36	1
sec-Butylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Styrene	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17:36	1
tert-Butylbenzene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Tetrachloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17:36	1
Toluene	ND		0 00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
trans-1,2-Dichloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14.40	08/28/12 17:36	1
trans-1,3-Dichloropropene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Trichloroethene	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Trichlorofluoromethane	ND		0 00197		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1
Vinyl chloride	ND		0.00197		mg/Kg	☼	08/27/12 14:40	08/28/12 17:36	1
Xylenes, Total	ND		0 00493		mg/Kg	☼	08/27/12 14 40	08/28/12 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17.36*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17:36*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17.36*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/27/12 14:40*	*08/28/12 17.36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84**		0.10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE BAILER
Date Collected: 08/24/12 18:45
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-30
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 18 11	1
1,1,1-Trichloroethane	ND		1.00		ug/L			08/25/12 18:11	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 18 11	1
1,1,2-Trichloroethane	ND		1.00		ug/L			08/25/12 18:11	1
1,1-Dichloroethane	ND		1.00		ug/L			08/25/12 18:11	1
1,1-Dichloroethene	ND		1.00		ug/L			08/25/12 18:11	1
1,1-Dichloropropene	ND		1 00		ug/L			08/25/12 18:11	1
1,2,3-Trichlorobenzene	ND		1 00		ug/L			08/25/12 18:11	1
1,2,3-Trichloropropane	ND		1.00		ug/L			08/25/12 18:11	1
1,2,4-Trichlorobenzene	ND		1 00		ug/L			08/25/12 18 11	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			08/25/12 18:11	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/25/12 18.11	1
1,2-Dibromoethane (EDB)	ND		1 00		ug/L			08/25/12 18 11	1
1,2-Dichlorobenzene	ND		1 00		ug/L			08/25/12 18:11	1
1,2-Dichloroethane	ND		1 00		ug/L			08/25/12 18:11	1
1,2-Dichloropropane	ND		1 00		ug/L			08/25/12 18 11	1
1,3,5-Trimethylbenzene	ND		1 00		ug/L			08/25/12 18:11	1
1,3-Dichlorobenzene	ND		1 00		ug/L			08/25/12 18:11	1
1,3-Dichloropropane	ND		1.00		ug/L			08/25/12 18:11	1
1,4-Dichlorobenzene	ND		1 00		ug/L			08/25/12 18:11	1
2,2-Dichloropropane	ND		1 00		ug/L			08/25/12 18:11	1
2-Butanone (MEK)	ND		50 0		ug/L			08/25/12 18:11	1
2-Chlorotoluene	ND		1 00		ug/L			08/25/12 18 11	1
2-Hexanone	ND		10 0		ug/L			08/25/12 18 11	1
4-Chlorotoluene	ND		1 00		ug/L			08/25/12 18 11	1
4-Methyl-2-pentanone (MIBK)	ND		10 0		ug/L			08/25/12 18:11	1
Acetone	ND		50.0		ug/L			08/25/12 18:11	1
Benzene	ND		1.00		ug/L			08/25/12 18:11	1
Bromobenzene	ND		1 00		ug/L			08/25/12 18:11	1
Bromochloromethane	ND		1.00		ug/L			08/25/12 18:11	1
Bromodichloromethane	ND		1 00		ug/L			08/25/12 18 11	1
Bromoform	ND		1.00		ug/L			08/25/12 18:11	1
Bromomethane	ND		1.00		ug/L			08/25/12 18:11	1
Carbon disulfide	ND		1.00		ug/L			08/25/12 18.11	1
Carbon tetrachloride	ND		1.00		ug/L			08/25/12 18:11	1
Chlorobenzene	ND		1 00		ug/L			08/25/12 18:11	1
Chlorodibromomethane	ND		1.00		ug/L			08/25/12 18:11	1
Chloroethane	ND		1 00		ug/L			08/25/12 18:11	1
Chloroform	ND		1.00		ug/L			08/25/12 18.11	1
Chloromethane	ND		1.00		ug/L			08/25/12 18:11	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 18:11	1
cis-1,3-Dichloropropene	ND		1 00		ug/L			08/25/12 18.11	1
Dibromomethane	ND		1 00		ug/L			08/25/12 18.11	1
Dichlorodifluoromethane	ND		1 00		ug/L			08/25/12 18:11	1
Ethylbenzene	ND		1 00		ug/L			08/25/12 18 11	1
Hexachlorobutadiene	ND		2 00		ug/L			08/25/12 18.11	1
Isopropylbenzene	ND		1 00		ug/L			08/25/12 18:11	1
Methyl tert-butyl ether	ND		1 00		ug/L			08/25/12 18:11	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 18.11	1
Naphthalene	ND		5 00		ug/L			08/25/12 18:11	1
n-Butylbenzene	ND		1 00		ug/L			08/25/12 18:11	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE BAILER

Lab Sample ID: 490-4968-30

Date Collected: 08/24/12 18:45
Matrix: Water
Date Received: 08/25/12 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			08/25/12 18 11	1
p-Isopropyltoluene	ND		1 00		ug/L			08/25/12 18:11	1
sec-Butylbenzene	ND		1.00		ug/L			08/25/12 18.11	1
Styrene	ND		1 00		ug/L			08/25/12 18:11	1
tert-Butylbenzene	ND		1.00		ug/L			08/25/12 18·11	1
Tetrachloroethene	ND		1.00		ug/L			08/25/12 18.11	1
Toluene	ND		1.00		ug/L			08/25/12 18.11	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 18.11	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 18 11	1
Trichloroethene	ND		1.00		ug/L			08/25/12 18:11	1
Trichlorofluoromethane	ND		1.00		ug/L			08/25/12 18.11	1
Vinyl chloride	ND		1.00		ug/L			08/25/12 18:11	1
Xylenes, Total	ND		3.00		ug/L			08/25/12 18 11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*70 - 130*		*08/25/12 18 11*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*08/25/12 18 11*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*08/25/12 18·11*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/25/12 18:11*	*1*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE H.A.
Date Collected: 08/24/12 18:50
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-31
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1 00		ug/L			08/25/12 18:38	1
1,1,1-Trichloroethane	ND		1 00		ug/L			08/25/12 18:38	1
1,1,2,2-Tetrachloroethane	ND		1 00		ug/L			08/25/12 18:38	1
1,1,2-Trichloroethane	ND		1.00		ug/L			08/25/12 18:38	1
1,1-Dichloroethane	ND		1.00		ug/L			08/25/12 18 38	1
1,1-Dichloroethene	ND		1.00		ug/L			08/25/12 18 38	1
1,1-Dichloropropene	ND		1.00		ug/L			08/25/12 18.38	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			08/25/12 18:38	1
1,2,3-Trichloropropane	ND		1.00		ug/L			08/25/12 18:38	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/25/12 18:38	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			08/25/12 18.38	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/25/12 18:38	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			08/25/12 18.38	1
1,2-Dichlorobenzene	ND		1 00		ug/L			08/25/12 18:38	1
1,2-Dichloroethane	ND		1 00		ug/L			08/25/12 18:38	1
1,2-Dichloropropane	ND		1.00		ug/L			08/25/12 18:38	1
1,3,5-Trimethylbenzene	ND		1 00		ug/L			08/25/12 18:38	1
1,3-Dichlorobenzene	ND		1 00		ug/L			08/25/12 18:38	1
1,3-Dichloropropane	ND		1.00		ug/L			08/25/12 18:38	1
1,4-Dichlorobenzene	ND		1.00		ug/L			08/25/12 18 38	1
2,2-Dichloropropane	ND		1.00		ug/L			08/25/12 18 38	1
2-Butanone (MEK)	ND		50.0		ug/L			08/25/12 18 38	1
2-Chlorotoluene	ND		1 00		ug/L			08/25/12 18:38	1
2-Hexanone	ND		10 0		ug/L			08/25/12 18:38	1
4-Chlorotoluene	ND		1.00		ug/L			08/25/12 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			08/25/12 18 38	1
Acetone	ND		50.0		ug/L			08/25/12 18:38	1
Benzene	ND		1.00		ug/L			08/25/12 18:38	1
Bromobenzene	ND		1.00		ug/L			08/25/12 18:38	1
Bromochloromethane	ND		1.00		ug/L			08/25/12 18:38	1
Bromodichloromethane	ND		1 00		ug/L			08/25/12 18:38	1
Bromoform	ND		1.00		ug/L			08/25/12 18:38	1
Bromomethane	ND		1 00		ug/L			08/25/12 18 38	1
Carbon disulfide	ND		1 00		ug/L			08/25/12 18.38	1
Carbon tetrachloride	ND		1.00		ug/L			08/25/12 18 38	1
Chlorobenzene	ND		1.00		ug/L			08/25/12 18.38	1
Chlorodibromomethane	ND		1 00		ug/L			08/25/12 18:38	1
Chloroethane	ND		1.00		ug/L			08/25/12 18:38	1
Chloroform	ND		1 00		ug/L			08/25/12 18.38	1
Chloromethane	ND		1 00		ug/L			08/25/12 18 38	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 18.38	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 18 38	1
Dibromomethane	ND		1 00		ug/L			08/25/12 18.38	1
Dichlorodifluoromethane	ND		1 00		ug/L			08/25/12 18:38	1
Ethylbenzene	ND		1.00		ug/L			08/25/12 18:38	1
Hexachlorobutadiene	ND		2.00		ug/L			08/25/12 18:38	1
Isopropylbenzene	ND		1 00		ug/L			08/25/12 18.38	1
Methyl tert-butyl ether	ND		1.00		ug/L			08/25/12 18 38	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 18 38	1
Naphthalene	ND		5 00		ug/L			08/25/12 18:38	1
n-Butylbenzene	ND		1.00		ug/L			08/25/12 18:38	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE H.A.
Date Collected: 08/24/12 18:50
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-31
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1 00		ug/L			08/25/12 18:38	1
p-Isopropyltoluene	ND		1.00		ug/L			08/25/12 18.38	1
sec-Butylbenzene	ND		1.00		ug/L			08/25/12 18.38	1
Styrene	ND		1.00		ug/L			08/25/12 18:38	1
tert-Butylbenzene	ND		1 00		ug/L			08/25/12 18.38	1
Tetrachloroethene	ND		1.00		ug/L			08/25/12 18:38	1
Toluene	ND		1.00		ug/L			08/25/12 18:38	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 18:38	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 18:38	1
Trichloroethene	ND		1.00		ug/L			08/25/12 18 38	1
Trichlorofluoromethane	ND		1.00		ug/L			08/25/12 18.38	1
Vinyl chloride	ND		1.00		ug/L			08/25/12 18 38	1
Xylenes, Total	ND		3.00		ug/L			08/25/12 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 130*		*08/25/12 18.38*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*08/25/12 18.38*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*08/25/12 18 38*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/25/12 18 38*	*1*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE DPT SLEEVE
Date Collected: 08/24/12 18:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-32
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1 00		ug/L			08/25/12 19:05	1
1,1,1-Trichloroethane	ND		1.00		ug/L			08/25/12 19:05	1
1,1,2,2-Tetrachloroethane	ND		1 00		ug/L			08/25/12 19:05	1
1,1,2-Trichloroethane	ND		1 00		ug/L			08/25/12 19:05	1
1,1-Dichloroethane	ND		1 00		ug/L			08/25/12 19:05	1
1,1-Dichloroethene	ND		1 00		ug/L			08/25/12 19 05	1
1,1-Dichloropropene	ND		1.00		ug/L			08/25/12 19:05	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			08/25/12 19.05	1
1,2,3-Trichloropropane	ND		1 00		ug/L			08/25/12 19 05	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/25/12 19.05	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			08/25/12 19:05	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/25/12 19 05	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			08/25/12 19.05	1
1,2-Dichlorobenzene	ND		1.00		ug/L			08/25/12 19:05	1
1,2-Dichloroethane	ND		1.00		ug/L			08/25/12 19:05	1
1,2-Dichloropropane	ND		1 00		ug/L			08/25/12 19:05	1
1,3,5-Trimethylbenzene	ND		1 00		ug/L			08/25/12 19:05	1
1,3-Dichlorobenzene	ND		1.00		ug/L			08/25/12 19:05	1
1,3-Dichloropropane	ND		1 00		ug/L			08/25/12 19:05	1
1,4-Dichlorobenzene	ND		1.00		ug/L			08/25/12 19:05	1
2,2-Dichloropropane	ND		1.00		ug/L			08/25/12 19:05	1
2-Butanone (MEK)	ND		50 0		ug/L			08/25/12 19 05	1
2-Chlorotoluene	ND		1.00		ug/L			08/25/12 19.05	1
2-Hexanone	ND		10.0		ug/L			08/25/12 19:05	1
4-Chlorotoluene	ND		1.00		ug/L			08/25/12 19:05	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			08/25/12 19:05	1
Acetone	ND		50.0		ug/L			08/25/12 19.05	1
Benzene	ND		1.00		ug/L			08/25/12 19 05	1
Bromobenzene	ND		1.00		ug/L			08/25/12 19:05	1
Bromochloromethane	ND		1 00		ug/L			08/25/12 19.05	1
Bromodichloromethane	ND		1.00		ug/L			08/25/12 19:05	1
Bromoform	ND		1 00		ug/L			08/25/12 19:05	1
Bromomethane	ND		1.00		ug/L			08/25/12 19.05	1
Carbon disulfide	ND		1 00		ug/L			08/25/12 19:05	1
Carbon tetrachloride	ND		1 00		ug/L			08/25/12 19 05	1
Chlorobenzene	ND		1.00		ug/L			08/25/12 19 05	1
Chlorodibromomethane	ND		1 00		ug/L			08/25/12 19:05	1
Chloroethane	ND		1 00		ug/L			08/25/12 19:05	1
Chloroform	ND		1.00		ug/L			08/25/12 19:05	1
Chloromethane	ND		1.00		ug/L			08/25/12 19.05	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 19 05	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 19:05	1
Dibromomethane	ND		1.00		ug/L			08/25/12 19 05	1
Dichlorodifluoromethane	ND		1.00		ug/L			08/25/12 19:05	1
Ethylbenzene	ND		1 00		ug/L			08/25/12 19:05	1
Hexachlorobutadiene	ND		2 00		ug/L			08/25/12 19:05	1
Isopropylbenzene	ND		1 00		ug/L			08/25/12 19 05	1
Methyl tert-butyl ether	ND		1 00		ug/L			08/25/12 19:05	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 19:05	1
Naphthalene	ND		5 00		ug/L			08/25/12 19:05	1
n-Butylbenzene	ND		1 00		ug/L			08/25/12 19:05	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE DPT SLEEVE
Date Collected: 08/24/12 18:55
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-32
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1 00		ug/L			08/25/12 19:05	1
p-Isopropyltoluene	ND		1.00		ug/L			08/25/12 19:05	1
sec-Butylbenzene	ND		1 00		ug/L			08/25/12 19.05	1
Styrene	ND		1.00		ug/L			08/25/12 19 05	1
tert-Butylbenzene	ND		1 00		ug/L			08/25/12 19:05	1
Tetrachloroethene	ND		1.00		ug/L			08/25/12 19.05	1
Toluene	ND		1.00		ug/L			08/25/12 19.05	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 19:05	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 19:05	1
Trichloroethene	ND		1.00		ug/L			08/25/12 19.05	1
Trichlorofluoromethane	ND		1.00		ug/L			08/25/12 19:05	1
Vinyl chloride	ND		1.00		ug/L			08/25/12 19 05	1
Xylenes, Total	ND		3.00		ug/L			08/25/12 19 05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 130*		*08/25/12 19:05*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*08/25/12 19:05*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*08/25/12 19:05*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/25/12 19:05*	*1*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: MWT-4
Date Collected: 08/24/12 16:05
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-35
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	**6.71**		1 00		ug/L			08/25/12 19.32	1
1,1,1-Trichloroethane	ND		1.00		ug/L			08/25/12 19:32	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 19 32	1
1,1,2-Trichloroethane	ND		1.00		ug/L			08/25/12 19.32	1
1,1-Dichloroethane	ND		1.00		ug/L			08/25/12 19:32	1
1,1-Dichloroethene	ND		1.00		ug/L			08/25/12 19:32	1
1,1-Dichloropropene	ND		1 00		ug/L			08/25/12 19 32	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			08/25/12 19:32	1
1,2,3-Trichloropropane	ND		1 00		ug/L			08/25/12 19:32	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/25/12 19:32	1
1,2,4-Trimethylbenzene	**13.0**		1.00		ug/L			08/25/12 19:32	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			08/25/12 19:32	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			08/25/12 19:32	1
1,2-Dichlorobenzene	**62.9**		1 00		ug/L			08/25/12 19:32	1
1,2-Dichloroethane	ND		1.00		ug/L			08/25/12 19:32	1
1,2-Dichloropropane	ND		1.00		ug/L			08/25/12 19:32	1
1,3,5-Trimethylbenzene	**7.29**		1.00		ug/L			08/25/12 19:32	1
1,3-Dichlorobenzene	ND		1.00		ug/L			08/25/12 19:32	1
1,3-Dichloropropane	ND		1 00		ug/L			08/25/12 19:32	1
1,4-Dichlorobenzene	ND		1 00		ug/L			08/25/12 19 32	1
2,2-Dichloropropane	ND		1 00		ug/L			08/25/12 19.32	1
2-Butanone (MEK)	ND		50 0		ug/L			08/25/12 19 32	1
2-Chlorotoluene	ND		1 00		ug/L			08/25/12 19 32	1
2-Hexanone	ND		10.0		ug/L			08/25/12 19.32	1
4-Chlorotoluene	ND		1.00		ug/L			08/25/12 19 32	1
4-Methyl-2-pentanone (MIBK)	ND		10 0		ug/L			08/25/12 19:32	1
Acetone	ND		50 0		ug/L			08/25/12 19 32	1
Benzene	ND		1.00		ug/L			08/25/12 19:32	1
Bromobenzene	ND		1.00		ug/L			08/25/12 19 32	1
Bromochloromethane	ND		1 00		ug/L			08/25/12 19.32	1
Bromodichloromethane	ND		1 00		ug/L			08/25/12 19:32	1
Bromoform	ND		1 00		ug/L			08/25/12 19:32	1
Bromomethane	ND		1 00		ug/L			08/25/12 19:32	1
Carbon disulfide	ND		1 00		ug/L			08/25/12 19:32	1
Carbon tetrachloride	ND		1 00		ug/L			08/25/12 19:32	1
Chlorobenzene	ND		1.00		ug/L			08/25/12 19:32	1
Chlorodibromomethane	ND		1.00		ug/L			08/25/12 19.32	1
Chloroethane	ND		1.00		ug/L			08/25/12 19 32	1
Chloroform	**1.45**		1.00		ug/L			08/25/12 19 32	1
Chloromethane	ND		1 00		ug/L			08/25/12 19 32	1
cis-1,2-Dichloroethene	**68.8**		1 00		ug/L			08/25/12 19.32	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 19:32	1
Dibromomethane	ND		1 00		ug/L			08/25/12 19:32	1
Dichlorodifluoromethane	ND		1.00		ug/L			08/25/12 19:32	1
Ethylbenzene	**14.7**		1.00		ug/L			08/25/12 19:32	1
Hexachlorobutadiene	ND		2.00		ug/L			08/25/12 19 32	1
Isopropylbenzene	ND		1 00		ug/L			08/25/12 19:32	1
Methyl tert-butyl ether	ND		1.00		ug/L			08/25/12 19 32	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 19:32	1
Naphthalene	ND		5 00		ug/L			08/25/12 19:32	1
n-Butylbenzene	**1.68**		1.00		ug/L			08/25/12 19.32	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: MWT-4

Date Collected: 08/24/12 16:05
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-35

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	**1.31**		1.00		ug/L			08/25/12 19.32	1
p-Isopropyltoluene	**1.11**		1.00		ug/L			08/25/12 19.32	1
sec-Butylbenzene	ND		1.00		ug/L			08/25/12 19 32	1
Styrene	ND		1.00		ug/L			08/25/12 19 32	1
tert-Butylbenzene	ND		1 00		ug/L			08/25/12 19 32	1
Tetrachloroethene	**136000**		5000		ug/L			08/28/12 14 42	5000
Toluene	**8.79**		1.00		ug/L			08/25/12 19.32	1
trans-1,2-Dichloroethene	**2.03**		1 00		ug/L			08/25/12 19 32	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 19.32	1
Trichloroethene	**477**		200		ug/L			08/28/12 14 13	200
Trichlorofluoromethane	ND		1.00		ug/L			08/25/12 19.32	1
Vinyl chloride	ND		1 00		ug/L			08/25/12 19:32	1
Xylenes, Total	**37.0**		3 00		ug/L			08/25/12 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 130*		*08/25/12 19:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*		*08/28/12 14:13*	*200*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*08/28/12 14:42*	*5000*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*08/25/12 19:32*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*08/28/12 14 13*	*200*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*08/28/12 14:42*	*5000*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*08/25/12 19:32*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*08/28/12 14:13*	*200*
Dibromofluoromethane (Surr)	*115*		*70 - 130*		*08/28/12 14:42*	*5000*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/25/12 19:32*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/28/12 14:13*	*200*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/28/12 14:42*	*5000*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: MWT-5
Date Collected: 08/24/12 16:45
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-36
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			08/28/12 12:52	1
1,1,1-Trichloroethane	ND		1.00		ug/L			08/28/12 12:52	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			08/28/12 12:52	1
1,1,2-Trichloroethane	ND		1.00		ug/L			08/28/12 12:52	1
1,1-Dichloroethane	ND		1.00		ug/L			08/28/12 12:52	1
1,1-Dichloroethene	ND		1.00		ug/L			08/28/12 12:52	1
1,1-Dichloropropene	ND		1.00		ug/L			08/28/12 12:52	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			08/28/12 12:52	1
1,2,3-Trichloropropane	ND		1.00		ug/L			08/28/12 12:52	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/28/12 12:52	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			08/28/12 12:52	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			08/28/12 12:52	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			08/28/12 12:52	1
1,2-Dichlorobenzene	ND		1.00		ug/L			08/28/12 12:52	1
1,2-Dichloroethane	ND		1.00		ug/L			08/28/12 12:52	1
1,2-Dichloropropane	ND		1.00		ug/L			08/28/12 12:52	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			08/28/12 12:52	1
1,3-Dichlorobenzene	ND		1.00		ug/L			08/28/12 12:52	1
1,3-Dichloropropane	ND		1.00		ug/L			08/28/12 12:52	1
1,4-Dichlorobenzene	ND		1.00		ug/L			08/28/12 12:52	1
2,2-Dichloropropane	ND		1.00		ug/L			08/28/12 12:52	1
2-Butanone (MEK)	ND		50.0		ug/L			08/28/12 12:52	1
2-Chlorotoluene	ND		1.00		ug/L			08/28/12 12:52	1
2-Hexanone	ND		10.0		ug/L			08/28/12 12:52	1
4-Chlorotoluene	ND		1.00		ug/L			08/28/12 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			08/28/12 12:52	1
Acetone	ND		50.0		ug/L			08/28/12 12:52	1
Benzene	ND		1.00		ug/L			08/28/12 12:52	1
Bromobenzene	ND		1.00		ug/L			08/28/12 12:52	1
Bromochloromethane	ND		1.00		ug/L			08/28/12 12:52	1
Bromodichloromethane	ND		1.00		ug/L			08/28/12 12:52	1
Bromoform	ND		1.00		ug/L			08/28/12 12:52	1
Bromomethane	ND		1.00		ug/L			08/28/12 12:52	1
Carbon disulfide	ND		1.00		ug/L			08/28/12 12:52	1
Carbon tetrachloride	ND		1.00		ug/L			08/28/12 12:52	1
Chlorobenzene	ND		1.00		ug/L			08/28/12 12:52	1
Chlorodibromomethane	ND		1.00		ug/L			08/28/12 12:52	1
Chloroethane	ND		1.00		ug/L			08/28/12 12:52	1
Chloroform	ND		1.00		ug/L			08/28/12 12:52	1
Chloromethane	ND		1.00		ug/L			08/28/12 12:52	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			08/28/12 12:52	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/28/12 12:52	1
Dibromomethane	ND		1.00		ug/L			08/28/12 12:52	1
Dichlorodifluoromethane	ND		1.00		ug/L			08/28/12 12:52	1
Ethylbenzene	ND		1.00		ug/L			08/28/12 12:52	1
Hexachlorobutadiene	ND		2.00		ug/L			08/28/12 12:52	1
Isopropylbenzene	ND		1.00		ug/L			08/28/12 12:52	1
Methyl tert-butyl ether	ND		1.00		ug/L			08/28/12 12:52	1
Methylene Chloride	ND		5.00		ug/L			08/28/12 12:52	1
Naphthalene	ND		5.00		ug/L			08/28/12 12:52	1
n-Butylbenzene	ND		1.00		ug/L			08/28/12 12:52	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: MWT-5
Date Collected: 08/24/12 16:45
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-36
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1 00		ug/L			08/28/12 12:52	1
p-Isopropyltoluene	ND		1 00		ug/L			08/28/12 12:52	1
sec-Butylbenzene	ND		1 00		ug/L			08/28/12 12:52	1
Styrene	ND		1.00		ug/L			08/28/12 12 52	1
tert-Butylbenzene	ND		1 00		ug/L			08/28/12 12.52	1
Tetrachloroethene	**1.03**		1 00		ug/L			08/28/12 12:52	1
Toluene	ND		1 00		ug/L			08/28/12 12.52	1
trans-1,2-Dichloroethene	ND		1 00		ug/L			08/28/12 12:52	1
trans-1,3-Dichloropropene	ND		1 00		ug/L			08/28/12 12:52	1
Trichloroethene	ND		1.00		ug/L			08/28/12 12.52	1
Trichlorofluoromethane	ND		1 00		ug/L			08/28/12 12:52	1
Vinyl chloride	ND		1.00		ug/L			08/28/12 12:52	1
Xylenes, Total	ND		3 00		ug/L			08/28/12 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*08/28/12 12:52*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*08/28/12 12:52*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*08/28/12 12:52*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/28/12 12:52*	*1*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DUP-1
Date Collected: 08/24/12 00:01
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-37
Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
1,1,1-Trichloroethane	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
1,1,2,2-Tetrachloroethane	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,1,2-Trichloroethane	ND		0.00469		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
1,1-Dichloroethane	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
1,1-Dichloroethene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,1-Dichloropropene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,2,3-Trichlorobenzene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,2,3-Trichloropropane	ND		0 00188		mg/Kg	☼	08/27/12 14.40	08/28/12 18:06	1
1,2,4-Trichlorobenzene	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18.06	1
1,2,4-Trimethylbenzene	**0.00273**		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,2-Dibromo-3-Chloropropane	ND		0.00469		mg/Kg	☼	08/27/12 14 40	08/28/12 18 06	1
1,2-Dibromoethane (EDB)	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,2-Dichlorobenzene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,2-Dichloroethane	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
1,2-Dichloropropane	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
1,3,5-Trimethylbenzene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,3-Dichlorobenzene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
1,3-Dichloropropane	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18.06	1
1,4-Dichlorobenzene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
2,2-Dichloropropane	ND		0 00188		mg/Kg	☼	08/27/12 14.40	08/28/12 18 06	1
2-Butanone (MEK)	ND		0.0469		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
2-Chlorotoluene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
2-Hexanone	ND		0 0469		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
4-Chlorotoluene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
4-Methyl-2-pentanone (MIBK)	ND		0 0469		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Acetone	ND		0 0469		mg/Kg	☼	08/27/12 14 40	08/28/12 18 06	1
Benzene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
Bromobenzene	ND		0 00188		mg/Kg	☼	08/27/12 14.40	08/28/12 18 06	1
Bromochloromethane	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
Bromodichloromethane	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
Bromoform	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Bromomethane	ND		0 00188		mg/Kg	☼	08/27/12 14.40	08/28/12 18:06	1
Carbon disulfide	ND		0.00469		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Carbon tetrachloride	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18.06	1
Chlorobenzene	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Chlorodibromomethane	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Chloroethane	ND		0 00469		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Chloroform	**0.00307**	**B**	0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Chloromethane	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
cis-1,2-Dichloroethene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
cis-1,3-Dichloropropene	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Dibromomethane	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Dichlorodifluoromethane	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18.06	1
Ethylbenzene	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Hexachlorobutadiene	ND		0.00469		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
Isopropylbenzene	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Methyl tert-butyl ether	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
Methylene Chloride	ND		0.00938		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Naphthalene	ND		0 00469		mg/Kg	☼	08/27/12 14 40	08/28/12 18.06	1
n-Butylbenzene	ND		0 00188		mg/Kg	☼	08/27/12 14.40	08/28/12 18.06	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site. UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DUP-1
Date Collected: 08/24/12 00:01
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-37
Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
p-Isopropyltoluene	ND		0.00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
sec-Butylbenzene	ND		0 00188		mg/Kg	☼	08/27/12 14.40	08/28/12 18.06	1
Styrene	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18:06	1
tert-Butylbenzene	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Tetrachloroethene	**3.59**		0.225		mg/Kg	☼	08/27/12 15 09	08/29/12 13:45	2
Toluene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
trans-1,2-Dichloroethene	ND		0 00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
trans-1,3-Dichloropropene	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1
Trichloroethene	**0.00214**		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18.06	1
Trichlorofluoromethane	ND		0.00188		mg/Kg	☼	08/27/12 14:40	08/28/12 18 06	1
Vinyl chloride	ND		0 00188		mg/Kg	☼	08/27/12 14 40	08/28/12 18 06	1
Xylenes, Total	ND		0.00469		mg/Kg	☼	08/27/12 14:40	08/28/12 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*08/27/12 15:09*	*08/29/12 13:45*	*2*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18.06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/12 15:09*	*08/29/12 13.45*	*2*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18:06*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*08/27/12 15 09*	*08/29/12 13:45*	*2*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/27/12 14:40*	*08/28/12 18:06*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/27/12 15.09*	*08/29/12 13:45*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88**		0 10		%			08/25/12 13:54	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DUP-2

Date Collected: 08/24/12 00:01
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-38

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	**6.87**		1 00		ug/L			08/25/12 20 27	1
1,1,1-Trichloroethane	ND		1 00		ug/L			08/25/12 20.27	1
1,1,2,2-Tetrachloroethane	ND		1 00		ug/L			08/25/12 20:27	1
1,1,2-Trichloroethane	ND		1 00		ug/L			08/25/12 20:27	1
1,1-Dichloroethane	ND		1 00		ug/L			08/25/12 20:27	1
1,1-Dichloroethene	ND		1.00		ug/L			08/25/12 20:27	1
1,1-Dichloropropene	ND		1 00		ug/L			08/25/12 20:27	1
1,2,3-Trichlorobenzene	ND		1 00		ug/L			08/25/12 20:27	1
1,2,3-Trichloropropane	ND		1 00		ug/L			08/25/12 20:27	1
1,2,4-Trichlorobenzene	ND		1 00		ug/L			08/25/12 20:27	1
1,2,4-Trimethylbenzene	**14.2**		1.00		ug/L			08/25/12 20:27	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/25/12 20 27	1
1,2-Dibromoethane (EDB)	ND		1 00		ug/L			08/25/12 20 27	1
1,2-Dichlorobenzene	**68.6**		1.00		ug/L			08/25/12 20:27	1
1,2-Dichloroethane	ND		1.00		ug/L			08/25/12 20:27	1
1,2-Dichloropropane	ND		1.00		ug/L			08/25/12 20 27	1
1,3,5-Trimethylbenzene	**8.12**		1.00		ug/L			08/25/12 20.27	1
1,3-Dichlorobenzene	ND		1.00		ug/L			08/25/12 20 27	1
1,3-Dichloropropane	ND		1.00		ug/L			08/25/12 20 27	1
1,4-Dichlorobenzene	ND		1.00		ug/L			08/25/12 20 27	1
2,2-Dichloropropane	ND		1.00		ug/L			08/25/12 20.27	1
2-Butanone (MEK)	ND		50 0		ug/L			08/25/12 20 27	1
2-Chlorotoluene	ND		1.00		ug/L			08/25/12 20:27	1
2-Hexanone	ND		10.0		ug/L			08/25/12 20:27	1
4-Chlorotoluene	ND		1.00		ug/L			08/25/12 20 27	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			08/25/12 20:27	1
Acetone	ND		50 0		ug/L			08/25/12 20 27	1
Benzene	ND		1.00		ug/L			08/25/12 20:27	1
Bromobenzene	ND		1.00		ug/L			08/25/12 20 27	1
Bromochloromethane	ND		1 00		ug/L			08/25/12 20 27	1
Bromodichloromethane	ND		1.00		ug/L			08/25/12 20:27	1
Bromoform	ND		1 00		ug/L			08/25/12 20 27	1
Bromomethane	ND		1 00		ug/L			08/25/12 20 27	1
Carbon disulfide	ND		1 00		ug/L			08/25/12 20:27	1
Carbon tetrachloride	ND		1 00		ug/L			08/25/12 20:27	1
Chlorobenzene	ND		1 00		ug/L			08/25/12 20:27	1
Chlorodibromomethane	ND		1 00		ug/L			08/25/12 20:27	1
Chloroethane	ND		1 00		ug/L			08/25/12 20:27	1
Chloroform	**1.34**		1 00		ug/L			08/25/12 20:27	1
Chloromethane	ND		1 00		ug/L			08/25/12 20:27	1
cis-1,2-Dichloroethene	**72.1**		1.00		ug/L			08/25/12 20 27	1
cis-1,3-Dichloropropene	ND		1 00		ug/L			08/25/12 20 27	1
Dibromomethane	ND		1.00		ug/L			08/25/12 20:27	1
Dichlorodifluoromethane	ND		1.00		ug/L			08/25/12 20 27	1
Ethylbenzene	**15.9**		1 00		ug/L			08/25/12 20 27	1
Hexachlorobutadiene	ND		2.00		ug/L			08/25/12 20:27	1
Isopropylbenzene	ND		1 00		ug/L			08/25/12 20:27	1
Methyl tert-butyl ether	ND		1.00		ug/L			08/25/12 20:27	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 20:27	1
Naphthalene	ND		5 00		ug/L			08/25/12 20 27	1
n-Butylbenzene	ND		1 00		ug/L			08/25/12 20:27	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DUP-2

Lab Sample ID: 490-4968-38

Date Collected: 08/24/12 00:01
Date Received: 08/25/12 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	**1.41**		1.00		ug/L			08/25/12 20:27	1
p-Isopropyltoluene	**1.10**		1.00		ug/L			08/25/12 20:27	1
sec-Butylbenzene	ND		1.00		ug/L			08/25/12 20 27	1
Styrene	ND		1.00		ug/L			08/25/12 20 27	1
tert-Butylbenzene	ND		1 00		ug/L			08/25/12 20.27	1
Tetrachloroethene	**148000**		5000		ug/L			08/28/12 15:36	5000
Toluene	**8.85**		1.00		ug/L			08/25/12 20 27	1
trans-1,2-Dichloroethene	**1.32**		1 00		ug/L			08/25/12 20:27	1
trans-1,3-Dichloropropene	ND		1 00		ug/L			08/25/12 20:27	1
Trichloroethene	**508**		200		ug/L			08/28/12 15:09	200
Trichlorofluoromethane	ND		1 00		ug/L			08/25/12 20:27	1
Vinyl chloride	ND		1 00		ug/L			08/25/12 20:27	1
Xylenes, Total	**40.1**		3 00		ug/L			08/25/12 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 130*		*08/25/12 20.27*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*		*08/28/12 15.09*	*200*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*		*08/28/12 15.36*	*5000*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*08/25/12 20.27*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*08/28/12 15.09*	*200*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*08/28/12 15.36*	*5000*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*08/25/12 20.27*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*08/28/12 15.09*	*200*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*08/28/12 15:36*	*5000*
Toluene-d8 (Surr)	*109*		*70 - 130*		*08/25/12 20.27*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/28/12 15:09*	*200*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/28/12 15.36*	*5000*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: TRIP BLANK
Date Collected: 08/24/12 00:01
Date Received: 08/25/12 08:30

Lab Sample ID: 490-4968-39
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 15:55	1
1,1,1-Trichloroethane	ND		1 00		ug/L			08/25/12 15:55	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 15:55	1
1,1,2-Trichloroethane	ND		1 00		ug/L			08/25/12 15:55	1
1,1-Dichloroethane	ND		1.00		ug/L			08/25/12 15:55	1
1,1-Dichloroethene	ND		1.00		ug/L			08/25/12 15:55	1
1,1-Dichloropropene	ND		1 00		ug/L			08/25/12 15:55	1
1,2,3-Trichlorobenzene	ND		1 00		ug/L			08/25/12 15:55	1
1,2,3-Trichloropropane	ND		1.00		ug/L			08/25/12 15:55	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/25/12 15:55	1
1,2,4-Trimethylbenzene	ND		1 00		ug/L			08/25/12 15:55	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/25/12 15 55	1
1,2-Dibromoethane (EDB)	ND		1 00		ug/L			08/25/12 15.55	1
1,2-Dichlorobenzene	ND		1.00		ug/L			08/25/12 15:55	1
1,2-Dichloroethane	ND		1 00		ug/L			08/25/12 15 55	1
1,2-Dichloropropane	ND		1 00		ug/L			08/25/12 15 55	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			08/25/12 15.55	1
1,3-Dichlorobenzene	ND		1 00		ug/L			08/25/12 15:55	1
1,3-Dichloropropane	ND		1 00		ug/L			08/25/12 15:55	1
1,4-Dichlorobenzene	ND		1 00		ug/L			08/25/12 15:55	1
2,2-Dichloropropane	ND		1 00		ug/L			08/25/12 15 55	1
2-Butanone (MEK)	ND		50.0		ug/L			08/25/12 15:55	1
2-Chlorotoluene	ND		1 00		ug/L			08/25/12 15:55	1
2-Hexanone	ND		10.0		ug/L			08/25/12 15 55	1
4-Chlorotoluene	ND		1.00		ug/L			08/25/12 15 55	1
4-Methyl-2-pentanone (MIBK)	ND		10 0		ug/L			08/25/12 15:55	1
Acetone	ND		50 0		ug/L			08/25/12 15.55	1
Benzene	ND		1 00		ug/L			08/25/12 15:55	1
Bromobenzene	ND		1 00		ug/L			08/25/12 15 55	1
Bromochloromethane	ND		1 00		ug/L			08/25/12 15 55	1
Bromodichloromethane	ND		1 00		ug/L			08/25/12 15:55	1
Bromoform	ND		1 00		ug/L			08/25/12 15:55	1
Bromomethane	ND		1.00		ug/L			08/25/12 15:55	1
Carbon disulfide	ND		1.00		ug/L			08/25/12 15:55	1
Carbon tetrachloride	ND		1 00		ug/L			08/25/12 15:55	1
Chlorobenzene	ND		1.00		ug/L			08/25/12 15:55	1
Chlorodibromomethane	ND		1 00		ug/L			08/25/12 15:55	1
Chloroethane	ND		1 00		ug/L			08/25/12 15 55	1
Chloroform	ND		1.00		ug/L			08/25/12 15.55	1
Chloromethane	ND		1 00		ug/L			08/25/12 15 55	1
cis-1,2-Dichloroethene	ND		1 00		ug/L			08/25/12 15:55	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 15 55	1
Dibromomethane	ND		1 00		ug/L			08/25/12 15:55	1
Dichlorodifluoromethane	ND		1 00		ug/L			08/25/12 15 55	1
Ethylbenzene	ND		1.00		ug/L			08/25/12 15:55	1
Hexachlorobutadiene	ND		2 00		ug/L			08/25/12 15:55	1
Isopropylbenzene	ND		1.00		ug/L			08/25/12 15:55	1
Methyl tert-butyl ether	ND		1 00		ug/L			08/25/12 15:55	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 15:55	1
Naphthalene	ND		5.00		ug/L			08/25/12 15 55	1
n-Butylbenzene	ND		1 00		ug/L			08/25/12 15 55	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID. 490-4968-1
SDG: GDR-006

Client Sample ID: TRIP BLANK

Lab Sample ID: 490-4968-39

Date Collected: 08/24/12 00:01
Date Received: 08/25/12 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			08/25/12 15 55	1
p-Isopropyltoluene	ND		1.00		ug/L			08/25/12 15:55	1
sec-Butylbenzene	ND		1.00		ug/L			08/25/12 15 55	1
Styrene	ND		1.00		ug/L			08/25/12 15 55	1
tert-Butylbenzene	ND		1.00		ug/L			08/25/12 15 55	1
Tetrachloroethene	ND		1.00		ug/L			08/25/12 15:55	1
Toluene	ND		1.00		ug/L			08/25/12 15.55	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 15 55	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 15 55	1
Trichloroethene	ND		1.00		ug/L			08/25/12 15.55	1
Trichlorofluoromethane	ND		1 00		ug/L			08/25/12 15:55	1
Vinyl chloride	ND		1.00		ug/L			08/25/12 15 55	1
Xylenes, Total	ND		3 00		ug/L			08/25/12 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*70 - 130*		*08/25/12 15 55*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*08/25/12 15.55*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*08/25/12 15.55*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/25/12 15:55*	*1*

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

Lab Sample ID: MB 490-15302/4
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 13:07	1
1,1,1-Trichloroethane	ND		1.00		ug/L			08/25/12 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			08/25/12 13:07	1
1,1,2-Trichloroethane	ND		1.00		ug/L			08/25/12 13:07	1
1,1-Dichloroethane	ND		1 00		ug/L			08/25/12 13:07	1
1,1-Dichloroethene	ND		1 00		ug/L			08/25/12 13:07	1
1,1-Dichloropropene	ND		1.00		ug/L			08/25/12 13:07	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			08/25/12 13:07	1
1,2,3-Trichloropropane	ND		1 00		ug/L			08/25/12 13:07	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/25/12 13:07	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			08/25/12 13:07	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/25/12 13:07	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			08/25/12 13:07	1
1,2-Dichlorobenzene	ND		1.00		ug/L			08/25/12 13:07	1
1,2-Dichloroethane	ND		1 00		ug/L			08/25/12 13:07	1
1,2-Dichloropropane	ND		1 00		ug/L			08/25/12 13:07	1
1,3,5-Trimethylbenzene	ND		1 00		ug/L			08/25/12 13 07	1
1,3-Dichlorobenzene	ND		1 00		ug/L			08/25/12 13:07	1
1,3-Dichloropropane	ND		1 00		ug/L			08/25/12 13:07	1
1,4-Dichlorobenzene	ND		1.00		ug/L			08/25/12 13:07	1
2,2-Dichloropropane	ND		1.00		ug/L			08/25/12 13:07	1
2-Butanone (MEK)	ND		50 0		ug/L			08/25/12 13:07	1
2-Chlorotoluene	ND		1 00		ug/L			08/25/12 13:07	1
2-Hexanone	ND		10 0		ug/L			08/25/12 13:07	1
4-Chlorotoluene	ND		1.00		ug/L			08/25/12 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		10 0		ug/L			08/25/12 13:07	1
Acetone	ND		50.0		ug/L			08/25/12 13:07	1
Benzene	ND		1 00		ug/L			08/25/12 13:07	1
Bromobenzene	ND		1 00		ug/L			08/25/12 13.07	1
Bromochloromethane	ND		1 00		ug/L			08/25/12 13 07	1
Bromodichloromethane	ND		1 00		ug/L			08/25/12 13 07	1
Bromoform	ND		1 00		ug/L			08/25/12 13:07	1
Bromomethane	ND		1 00		ug/L			08/25/12 13 07	1
Carbon disulfide	ND		1 00		ug/L			08/25/12 13.07	1
Carbon tetrachloride	ND		1 00		ug/L			08/25/12 13:07	1
Chlorobenzene	ND		1.00		ug/L			08/25/12 13 07	1
Chlorodibromomethane	ND		1 00		ug/L			08/25/12 13.07	1
Chloroethane	ND		1.00		ug/L			08/25/12 13:07	1
Chloroform	ND		1.00		ug/L			08/25/12 13:07	1
Chloromethane	ND		1.00		ug/L			08/25/12 13:07	1
cis-1,2-Dichloroethene	ND		1 00		ug/L			08/25/12 13:07	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 13 07	1
Dibromomethane	ND		1 00		ug/L			08/25/12 13 07	1
Dichlorodifluoromethane	ND		1 00		ug/L			08/25/12 13 07	1
Ethylbenzene	ND		1 00		ug/L			08/25/12 13:07	1
Hexachlorobutadiene	ND		2 00		ug/L			08/25/12 13.07	1
Isopropylbenzene	ND		1.00		ug/L			08/25/12 13 07	1
Methyl tert-butyl ether	ND		1.00		ug/L			08/25/12 13 07	1
Methylene Chloride	ND		5 00		ug/L			08/25/12 13:07	1

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

Lab Sample ID: MB 490-15302/4
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.00		ug/L			08/25/12 13 07	1
n-Butylbenzene	ND		1.00		ug/L			08/25/12 13.07	1
N-Propylbenzene	ND		1.00		ug/L			08/25/12 13 07	1
p-Isopropyltoluene	ND		1.00		ug/L			08/25/12 13:07	1
sec-Butylbenzene	ND		1.00		ug/L			08/25/12 13:07	1
Styrene	ND		1 00		ug/L			08/25/12 13:07	1
tert-Butylbenzene	ND		1 00		ug/L			08/25/12 13·07	1
Tetrachloroethene	ND		1.00		ug/L			08/25/12 13 07	1
Toluene	ND		1.00		ug/L			08/25/12 13:07	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			08/25/12 13 07	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			08/25/12 13:07	1
Trichloroethene	ND		1.00		ug/L			08/25/12 13·07	1
Trichlorofluoromethane	ND		1 00		ug/L			08/25/12 13.07	1
Vinyl chloride	ND		1 00		ug/L			08/25/12 13:07	1
Xylenes, Total	ND		3 00		ug/L			08/25/12 13:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*		*08/25/12 13:07*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*08/25/12 13:07*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*08/25/12 13.07*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/25/12 13.07*	*1*

Lab Sample ID: LCS 490-15302/3
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	21 79		ug/L		109	74 - 135
1,1,1-Trichloroethane	20 0	22.23		ug/L		111	78 - 135
1,1,2,2-Tetrachloroethane	20.0	17.36		ug/L		87	69 - 131
1,1,2-Trichloroethane	20 0	19 59		ug/L		98	80 - 124
1,1-Dichloroethane	20.0	21.70		ug/L		108	78 - 125
1,1-Dichloroethene	20.0	19 26		ug/L		96	79 - 124
1,1-Dichloropropene	20 0	19.72		ug/L		99	80 - 122
1,2,3-Trichlorobenzene	20 0	24.67		ug/L		123	62 - 133
1,2,3-Trichloropropane	20 0	18.31		ug/L		92	70 - 131
1,2,4-Trichlorobenzene	20.0	23 47		ug/L		117	63 - 133
1,2,4-Trimethylbenzene	20.0	19 19		ug/L		96	77 - 126
1,2-Dibromo-3-Chloropropane	20.0	16.75		ug/L		84	54 - 125
1,2-Dibromoethane (EDB)	20 0	19 97		ug/L		100	80 - 129
1,2-Dichlorobenzene	20 0	18.88		ug/L		94	80 - 121
1,2-Dichloroethane	20 0	23.19		ug/L		116	77 - 121
1,2-Dichloropropane	20.0	17.40		ug/L		87	75 - 120
1,3,5-Trimethylbenzene	20 0	19 24		ug/L		96	77 - 127
1,3-Dichlorobenzene	20 0	19 40		ug/L		97	80 - 122
1,3-Dichloropropane	20.0	19.72		ug/L		99	80 - 125
1,4-Dichlorobenzene	20 0	18.93		ug/L		95	80 - 120
2,2-Dichloropropane	20.0	22 69		ug/L		113	43 - 161
2-Butanone (MEK)	100	100.6		ug/L		101	62 - 133

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

Lab Sample ID: LCS 490-15302/3
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	20 0	18.00		ug/L		90	75 - 126
2-Hexanone	100	103.3		ug/L		103	60 - 142
4-Chlorotoluene	20 0	18 64		ug/L		93	75 - 130
4-Methyl-2-pentanone (MIBK)	100	87.69		ug/L		88	60 - 137
Acetone	100	94.25		ug/L		94	54 - 145
Benzene	20 0	19.88		ug/L		99	80 - 121
Bromobenzene	20.0	17 58		ug/L		88	68 - 130
Bromochloromethane	20.0	20 74		ug/L		104	78 - 129
Bromodichloromethane	20.0	21 42		ug/L		107	75 - 129
Bromoform	20.0	18 91		ug/L		95	46 - 145
Bromomethane	20.0	17 17		ug/L		86	41 - 150
Carbon disulfide	20.0	18 19		ug/L		91	77 - 126
Carbon tetrachloride	20.0	23 68		ug/L		118	64 - 147
Chlorobenzene	20.0	19 83		ug/L		99	80 - 120
Chlorodibromomethane	20.0	18.80		ug/L		94	69 - 133
Chloroethane	20.0	22 79		ug/L		114	72 - 120
Chloroform	20.0	22.58		ug/L		113	73 - 129
Chloromethane	20.0	13.37		ug/L		67	12 - 150
cis-1,2-Dichloroethene	20.0	20.35		ug/L		102	76 - 125
cis-1,3-Dichloropropene	20.0	19 34		ug/L		97	74 - 140
Dibromomethane	20 0	21.15		ug/L		106	71 - 125
Dichlorodifluoromethane	20.0	25 13		ug/L		126	37 - 127
Ethylbenzene	20 0	19 80		ug/L		99	80 - 130
Hexachlorobutadiene	20.0	23 45		ug/L		117	49 - 146
Isopropylbenzene	20 0	23.11		ug/L		116	80 - 141
Methyl tert-butyl ether	20.0	22 01		ug/L		110	72 - 133
Methylene Chloride	20.0	18 95		ug/L		95	79 - 123
Naphthalene	20.0	19.82		ug/L		99	62 - 138
n-Butylbenzene	20.0	17 15		ug/L		86	68 - 132
N-Propylbenzene	20.0	17.93		ug/L		90	75 - 129
p-Isopropyltoluene	20.0	18.47		ug/L		92	75 - 128
sec-Butylbenzene	20 0	19.41		ug/L		97	76 - 128
Styrene	20.0	22 07		ug/L		110	80 - 127
tert-Butylbenzene	20 0	19.60		ug/L		98	76 - 126
Tetrachloroethene	20.0	21 38		ug/L		107	80 - 126
Toluene	20 0	17.42		ug/L		87	80 - 126
trans-1,2-Dichloroethene	20.0	20 65		ug/L		103	79 - 126
trans-1,3-Dichloropropene	20.0	17.88		ug/L		89	63 - 134
Trichloroethene	20.0	21.03		ug/L		105	80 - 123
Trichlorofluoromethane	20.0	22 40		ug/L		112	65 - 124
Vinyl chloride	20.0	23 66		ug/L		118	68 - 120
Xylenes, Total	60 0	61.83		ug/L		103	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*

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

Lab Sample ID: 490-4952-B-1 MS
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	59 54		ug/L		119	73 - 141
1,1,1-Trichloroethane	ND		50.0	65.04		ug/L		130	76 - 149
1,1,2,2-Tetrachloroethane	ND		50 0	43.93		ug/L		88	56 - 143
1,1,2-Trichloroethane	ND		50.0	50 31		ug/L		101	74 - 134
1,1-Dichloroethane	ND		50.0	56 56		ug/L		113	71 - 139
1,1-Dichloroethene	ND		50.0	52.95		ug/L		106	70 - 142
1,1-Dichloropropene	ND		50 0	57 33		ug/L		115	76 - 139
1,2,3-Trichlorobenzene	ND		50.0	58 12		ug/L		116	55 - 138
1,2,3-Trichloropropane	ND		50 0	44.60		ug/L		89	53 - 144
1,2,4-Trichlorobenzene	ND		50 0	61.31		ug/L		123	60 - 136
1,2,4-Trimethylbenzene	ND		50 0	50.85		ug/L		102	69 - 136
1,2-Dibromo-3-Chloropropane	ND		50.0	45.37		ug/L		91	52 - 126
1,2-Dibromoethane (EDB)	ND		50 0	52 46		ug/L		105	75 - 137
1,2-Dichlorobenzene	ND		50.0	50.36		ug/L		101	79 - 128
1,2-Dichloroethane	ND		50.0	60.89		ug/L		122	64 - 136
1,2-Dichloropropane	ND		50 0	47.29		ug/L		95	67 - 131
1,3,5-Trimethylbenzene	ND		50 0	51 29		ug/L		103	69 - 139
1,3-Dichlorobenzene	ND		50.0	49.37		ug/L		99	77 - 131
1,3-Dichloropropane	ND		50.0	50.67		ug/L		101	72 - 134
1,4-Dichlorobenzene	ND		50 0	48.96		ug/L		98	78 - 126
2,2-Dichloropropane	ND		50 0	58.15		ug/L		116	37 - 175
2-Butanone (MEK)	ND		250	251.9		ug/L		101	50 - 138
2-Chlorotoluene	ND		50.0	47.89		ug/L		96	67 - 138
2-Hexanone	ND		250	261.8		ug/L		105	50 - 150
4-Chlorotoluene	ND		50 0	49.43		ug/L		99	69 - 138
4-Methyl-2-pentanone (MIBK)	ND		250	223 1		ug/L		89	50 - 147
Acetone	ND		250	222.9		ug/L		89	45 - 141
Benzene	ND		50 0	52 29		ug/L		105	75 - 133
Bromobenzene	ND		50.0	46 58		ug/L		93	60 - 138
Bromochloromethane	ND		50.0	53.67		ug/L		107	67 - 139
Bromodichloromethane	ND		50.0	58 42		ug/L		117	70 - 140
Bromoform	ND		50.0	50.96		ug/L		102	42 - 147
Bromomethane	ND		50.0	41 30		ug/L		83	16 - 163
Carbon disulfide	ND		50.0	49.59		ug/L		99	48 - 152
Carbon tetrachloride	ND		50 0	70.73		ug/L		141	62 - 164
Chlorobenzene	ND		50 0	52.06		ug/L		104	80 - 129
Chlorodibromomethane	ND		50.0	50.10		ug/L		100	66 - 140
Chloroethane	ND		50 0	51.65		ug/L		103	58 - 137
Chloroform	ND		50.0	57 67		ug/L		115	66 - 138
Chloromethane	ND		50.0	34 56		ug/L		69	10 - 169
cis-1,2-Dichloroethene	ND		50.0	53.99		ug/L		108	68 - 138
cis-1,3-Dichloropropene	ND		50 0	52.08		ug/L		104	71 - 141
Dibromomethane	ND		50 0	54.54		ug/L		109	58 - 140
Dichlorodifluoromethane	ND		50 0	44.01		ug/L		88	40 - 127
Ethylbenzene	ND		50.0	54.77		ug/L		110	79 - 139
Hexachlorobutadiene	ND		50.0	56.83		ug/L		114	45 - 155
Isopropylbenzene	ND		50 0	64 80		ug/L		130	80 - 153
Methyl tert-butyl ether	ND		50 0	56.45		ug/L		113	66 - 141
Methylene Chloride	ND		50.0	48 48		ug/L		97	64 - 139

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

Lab Sample ID: 490-4952-B-1 MS
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	ND		50 0	47 97		ug/L		96	55 - 140
n-Butylbenzene	ND		50.0	46 40		ug/L		93	66 - 141
N-Propylbenzene	ND		50.0	48.76		ug/L		98	69 - 142
p-Isopropyltoluene	ND		50 0	50 06		ug/L		100	71 - 137
sec-Butylbenzene	ND		50 0	53.01		ug/L		106	73 - 138
Styrene	ND		50.0	59.55		ug/L		119	61 - 148
tert-Butylbenzene	ND		50 0	54 57		ug/L		109	70 - 138
Tetrachloroethene	ND		50.0	72 90	F	ug/L		146	72 - 145
Toluene	ND		50.0	47.33		ug/L		95	75 - 136
trans-1,2-Dichloroethene	ND		50.0	57 77		ug/L		116	66 - 143
trans-1,3-Dichloropropene	ND		50 0	46 29		ug/L		93	59 - 135
Trichloroethene	ND		50.0	57 22		ug/L		114	73 - 144
Trichlorofluoromethane	ND		50 0	58 23		ug/L		116	58 - 139
Vinyl chloride	ND		50 0	52.57		ug/L		105	56 - 129
Xylenes, Total	ND		150	170.3		ug/L		114	74 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*

Lab Sample ID: 490-4952-C-1 MSD
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	59.03		ug/L		118	73 - 141	1	16
1,1,1-Trichloroethane	ND		50 0	64.77		ug/L		130	76 - 149	0	17
1,1,2,2-Tetrachloroethane	ND		50.0	43 53		ug/L		87	56 - 143	1	20
1,1,2-Trichloroethane	ND		50.0	50 62		ug/L		101	74 - 134	1	15
1,1-Dichloroethane	ND		50.0	56 93		ug/L		114	71 - 139	1	17
1,1-Dichloroethene	ND		50.0	55 53		ug/L		111	70 - 142	5	17
1,1-Dichloropropene	ND		50.0	56.71		ug/L		113	76 - 139	1	17
1,2,3-Trichlorobenzene	ND		50.0	61 46		ug/L		123	55 - 138	6	25
1,2,3-Trichloropropane	ND		50.0	46.00		ug/L		92	53 - 144	3	19
1,2,4-Trichlorobenzene	ND		50.0	64 49		ug/L		129	60 - 136	5	19
1,2,4-Trimethylbenzene	ND		50.0	51.47		ug/L		103	69 - 136	1	16
1,2-Dibromo-3-Chloropropane	ND		50.0	47.58		ug/L		95	52 - 126	5	24
1,2-Dibromoethane (EDB)	ND		50.0	52 14		ug/L		104	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	50 57		ug/L		101	79 - 128	0	15
1,2-Dichloroethane	ND		50.0	60 28		ug/L		121	64 - 136	1	17
1,2-Dichloropropane	ND		50.0	47 04		ug/L		94	67 - 131	1	17
1,3,5-Trimethylbenzene	ND		50 0	53 02		ug/L		106	69 - 139	3	17
1,3-Dichlorobenzene	ND		50.0	50 89		ug/L		102	77 - 131	3	15
1,3-Dichloropropane	ND		50.0	49 45		ug/L		99	72 - 134	2	14
1,4-Dichlorobenzene	ND		50.0	50 13		ug/L		100	78 - 126	2	15
2,2-Dichloropropane	ND		50 0	57 70		ug/L		115	37 - 175	1	18
2-Butanone (MEK)	ND		250	254 1		ug/L		102	50 - 138	1	19

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

Lab Sample ID: 490-4952-C-1 MSD
Matrix: Water
Analysis Batch: 15302

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	ND		50 0	48 32		ug/L		97	67 - 138	1	17
2-Hexanone	ND		250	266 4		ug/L		107	50 - 150	2	15
4-Chlorotoluene	ND		50 0	48 97		ug/L		98	69 - 138	1	18
4-Methyl-2-pentanone (MIBK)	ND		250	220 9		ug/L		88	50 - 147	1	17
Acetone	ND		250	216 4		ug/L		87	45 - 141	3	21
Benzene	ND		50 0	52 56		ug/L		105	75 - 133	1	17
Bromobenzene	ND		50.0	47 62		ug/L		95	60 - 138	2	20
Bromochloromethane	ND		50.0	57 26		ug/L		115	67 - 139	6	17
Bromodichloromethane	ND		50.0	58 90		ug/L		118	70 - 140	1	18
Bromoform	ND		50.0	51.95		ug/L		104	42 - 147	2	16
Bromomethane	ND		50.0	48 73		ug/L		97	16 - 163	17	50
Carbon disulfide	ND		50 0	51.13		ug/L		102	48 - 152	3	21
Carbon tetrachloride	ND		50 0	68 42		ug/L		137	62 - 164	3	19
Chlorobenzene	ND		50 0	51 49		ug/L		103	80 - 129	1	14
Chlorodibromomethane	ND		50 0	51.21		ug/L		102	66 - 140	2	15
Chloroethane	ND		50 0	53 72		ug/L		107	58 - 137	4	20
Chloroform	ND		50 0	57.86		ug/L		116	66 - 138	0	18
Chloromethane	ND		50 0	37.11		ug/L		74	10 - 169	7	31
cis-1,2-Dichloroethene	ND		50 0	54 12		ug/L		108	68 - 138	0	17
cis-1,3-Dichloropropene	ND		50 0	51.84		ug/L		104	71 - 141	0	15
Dibromomethane	ND		50 0	53 21		ug/L		106	58 - 140	2	16
Dichlorodifluoromethane	ND		50 0	44 72		ug/L		89	40 - 127	2	18
Ethylbenzene	ND		50.0	54.47		ug/L		109	79 - 139	1	15
Hexachlorobutadiene	ND		50.0	59 92		ug/L		120	45 - 155	5	23
Isopropylbenzene	ND		50 0	64.29		ug/L		129	80 - 153	1	16
Methyl tert-butyl ether	ND		50.0	57.23		ug/L		114	66 - 141	1	16
Methylene Chloride	ND		50.0	48.52		ug/L		97	64 - 139	0	17
Naphthalene	ND		50 0	52.80		ug/L		106	55 - 140	10	26
n-Butylbenzene	ND		50.0	47.07		ug/L		94	66 - 141	1	18
N-Propylbenzene	ND		50.0	49 87		ug/L		100	69 - 142	2	17
p-Isopropyltoluene	ND		50 0	50 87		ug/L		102	71 - 137	2	16
sec-Butylbenzene	ND		50.0	53 99		ug/L		108	73 - 138	2	16
Styrene	ND		50 0	58.77		ug/L		118	61 - 148	1	24
tert-Butylbenzene	ND		50 0	54.68		ug/L		109	70 - 138	0	16
Tetrachloroethene	ND		50.0	68 23		ug/L		136	72 - 145	7	16
Toluene	ND		50 0	47 63		ug/L		95	75 - 136	1	15
trans-1,2-Dichloroethene	ND		50.0	57 19		ug/L		114	66 - 143	1	16
trans-1,3-Dichloropropene	ND		50 0	46 67		ug/L		93	59 - 135	1	14
Trichloroethene	ND		50.0	55.84		ug/L		112	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	60.10		ug/L		120	58 - 139	3	18
Vinyl chloride	ND		50.0	54.70		ug/L		109	56 - 129	4	17
Xylenes, Total	ND		150	167 8		ug/L		112	74 - 141	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*

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

Lab Sample ID: MB 490-15622/6
Matrix: Solid
Analysis Batch: 15622

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/27/12 12 39	1
1,1,1-Trichloroethane	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,1,2,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg			08/27/12 12 39	1
1,1-Dichloroethane	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,1-Dichloroethene	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,1-Dichloropropene	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,2,3-Trichlorobenzene	ND		0 00200		mg/Kg			08/27/12 12:39	1
1,2,3-Trichloropropane	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,2,4-Trichlorobenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,2,4-Trimethylbenzene	ND		0 00200		mg/Kg			08/27/12 12:39	1
1,2-Dibromo-3-Chloropropane	ND		0.00500		mg/Kg			08/27/12 12 39	1
1,2-Dibromoethane (EDB)	ND		0 00200		mg/Kg			08/27/12 12:39	1
1,2-Dichlorobenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,2-Dichloroethane	ND		0 00200		mg/Kg			08/27/12 12:39	1
1,2-Dichloropropane	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,3,5-Trimethylbenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,3-Dichlorobenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,3-Dichloropropane	ND		0.00200		mg/Kg			08/27/12 12:39	1
1,4-Dichlorobenzene	ND		0.00200		mg/Kg			08/27/12 12.39	1
2,2-Dichloropropane	ND		0.00200		mg/Kg			08/27/12 12:39	1
2-Butanone (MEK)	ND		0 0500		mg/Kg			08/27/12 12:39	1
2-Chlorotoluene	ND		0 00200		mg/Kg			08/27/12 12:39	1
2-Hexanone	ND		0 0500		mg/Kg			08/27/12 12:39	1
4-Chlorotoluene	ND		0.00200		mg/Kg			08/27/12 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		0 0500		mg/Kg			08/27/12 12:39	1
Acetone	ND		0.0500		mg/Kg			08/27/12 12:39	1
Benzene	ND		0 00200		mg/Kg			08/27/12 12:39	1
Bromobenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
Bromochloromethane	ND		0 00200		mg/Kg			08/27/12 12:39	1
Bromodichloromethane	0 002781		0 00200		mg/Kg			08/27/12 12:39	1
Bromoform	ND		0 00200		mg/Kg			08/27/12 12:39	1
Bromomethane	ND		0 00200		mg/Kg			08/27/12 12:39	1
Carbon disulfide	ND		0.00500		mg/Kg			08/27/12 12:39	1
Carbon tetrachloride	ND		0 00200		mg/Kg			08/27/12 12:39	1
Chlorobenzene	ND		0 00200		mg/Kg			08/27/12 12.39	1
Chlorodibromomethane	ND		0 00200		mg/Kg			08/27/12 12:39	1
Chloroethane	ND		0.00500		mg/Kg			08/27/12 12:39	1
Chloroform	0.01337		0.00200		mg/Kg			08/27/12 12:39	1
Chloromethane	ND		0.00200		mg/Kg			08/27/12 12:39	1
cis-1,2-Dichloroethene	ND		0.00200		mg/Kg			08/27/12 12:39	1
cis-1,3-Dichloropropene	ND		0.00200		mg/Kg			08/27/12 12:39	1
Dibromomethane	ND		0.00200		mg/Kg			08/27/12 12:39	1
Dichlorodifluoromethane	ND		0 00200		mg/Kg			08/27/12 12:39	1
Ethylbenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
Hexachlorobutadiene	ND		0 00500		mg/Kg			08/27/12 12:39	1
Isopropylbenzene	ND		0.00200		mg/Kg			08/27/12 12 39	1
Methyl tert-butyl ether	ND		0 00200		mg/Kg			08/27/12 12:39	1
Methylene Chloride	ND		0 0100		mg/Kg			08/27/12 12.39	1

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

Lab Sample ID: MB 490-15622/6
Matrix: Solid
Analysis Batch: 15622

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg			08/27/12 12:39	1
n-Butylbenzene	ND		0.00200		mg/Kg			08/27/12 12 39	1
N-Propylbenzene	ND		0.00200		mg/Kg			08/27/12 12 39	1
p-Isopropyltoluene	ND		0 00200		mg/Kg			08/27/12 12.39	1
sec-Butylbenzene	ND		0.00200		mg/Kg			08/27/12 12:39	1
Styrene	ND		0.00200		mg/Kg			08/27/12 12:39	1
tert-Butylbenzene	ND		0.00200		mg/Kg			08/27/12 12 39	1
Tetrachloroethene	ND		0.00200		mg/Kg			08/27/12 12 39	1
Toluene	ND		0.00200		mg/Kg			08/27/12 12 39	1
trans-1,2-Dichloroethene	ND		0.00200		mg/Kg			08/27/12 12:39	1
trans-1,3-Dichloropropene	ND		0.00200		mg/Kg			08/27/12 12 39	1
Trichloroethene	ND		0.00200		mg/Kg			08/27/12 12:39	1
Trichlorofluoromethane	ND		0.00200		mg/Kg			08/27/12 12 39	1
Vinyl chloride	ND		0.00200		mg/Kg			08/27/12 12 39	1
Xylenes, Total	ND		0.00500		mg/Kg			08/27/12 12 39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*08/27/12 12:39*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*08/27/12 12:39*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*08/27/12 12.39*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/27/12 12 39*	*1*

Lab Sample ID: LCS 490-15622/3
Matrix: Solid
Analysis Batch: 15622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0 0500	0.05630		mg/Kg		113	80 - 136
1,1,1-Trichloroethane	0.0500	0.05659		mg/Kg		113	72 - 140
1,1,2,2-Tetrachloroethane	0 0500	0.05590		mg/Kg		112	66 - 134
1,1,2-Trichloroethane	0 0500	0.05769		mg/Kg		115	78 - 128
1,1-Dichloroethane	0.0500	0.05559		mg/Kg		111	75 - 124
1,1-Dichloroethene	0 0500	0 05551		mg/Kg		111	75 - 131
1,1-Dichloropropene	0 0500	0.05637		mg/Kg		113	79 - 127
1,2,3-Trichlorobenzene	0.0500	0 06266		mg/Kg		125	70 - 150
1,2,3-Trichloropropane	0.0500	0.06298		mg/Kg		126	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06476		mg/Kg		130	62 - 150
1,2,4-Trimethylbenzene	0 0500	0.05464		mg/Kg		109	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0 05459		mg/Kg		109	49 - 142
1,2-Dibromoethane (EDB)	0 0500	0.05779		mg/Kg		116	80 - 135
1,2-Dichlorobenzene	0 0500	0.05689		mg/Kg		114	80 - 134
1,2-Dichloroethane	0 0500	0 05617		mg/Kg		112	65 - 134
1,2-Dichloropropane	0.0500	0.05264		mg/Kg		105	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05654		mg/Kg		113	78 - 138
1,3-Dichlorobenzene	0 0500	0.05733		mg/Kg		115	79 - 137
1,3-Dichloropropane	0 0500	0 05942		mg/Kg		119	78 - 126
1,4-Dichlorobenzene	0.0500	0 05998		mg/Kg		120	77 - 139
2,2-Dichloropropane	0.0500	0 05674		mg/Kg		113	68 - 145
2-Butanone (MEK)	0.250	0 2963		mg/Kg		119	61 - 132

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

Lab Sample ID: LCS 490-15622/3
Matrix: Solid
Analysis Batch: 15622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0 0500	0.05664		mg/Kg		113	78 - 132
2-Hexanone	0.250	0.3150		mg/Kg		126	57 - 148
4-Chlorotoluene	0 0500	0.05756		mg/Kg		115	77 - 138
4-Methyl-2-pentanone (MIBK)	0 250	0.2812		mg/Kg		112	59 - 138
Acetone	0 250	0.2846		mg/Kg		114	51 - 149
Benzene	0.0500	0 05593		mg/Kg		112	75 - 127
Bromobenzene	0.0500	0 05713		mg/Kg		114	75 - 130
Bromochloromethane	0.0500	0.05752		mg/Kg		115	70 - 132
Bromodichloromethane	0.0500	0 05541		mg/Kg		111	68 - 135
Bromoform	0 0500	0.06052		mg/Kg		121	36 - 150
Bromomethane	0 0500	0.05750		mg/Kg		115	43 - 142
Carbon disulfide	0.0500	0.05358		mg/Kg		107	74 - 135
Carbon tetrachloride	0.0500	0.05744		mg/Kg		115	70 - 141
Chlorobenzene	0 0500	0.05627		mg/Kg		113	84 - 125
Chlorodibromomethane	0.0500	0.05908		mg/Kg		118	66 - 134
Chloroethane	0.0500	0.05662		mg/Kg		113	53 - 144
Chloroform	0 0500	0.05588		mg/Kg		112	76 - 130
Chloromethane	0 0500	0.05561		mg/Kg		111	23 - 150
cis-1,2-Dichloroethene	0.0500	0 05457		mg/Kg		109	75 - 125
cis-1,3-Dichloropropene	0.0500	0 05782		mg/Kg		116	73 - 148
Dibromomethane	0.0500	0 05595		mg/Kg		112	71 - 130
Dichlorodifluoromethane	0.0500	0 04295		mg/Kg		86	12 - 144
Ethylbenzene	0.0500	0 05664		mg/Kg		113	80 - 134
Hexachlorobutadiene	0.0500	0 05777		mg/Kg		116	65 - 148
Isopropylbenzene	0.0500	0 06021		mg/Kg		120	80 - 150
Methyl tert-butyl ether	0.0500	0 05888		mg/Kg		118	70 - 136
Methylene Chloride	0.0500	0 05232		mg/Kg		105	68 - 144
Naphthalene	0.0500	0 06083		mg/Kg		122	69 - 150
n-Butylbenzene	0.0500	0 05688		mg/Kg		114	72 - 152
N-Propylbenzene	0.0500	0 05622		mg/Kg		112	75 - 137
p-Isopropyltoluene	0.0500	0.05425		mg/Kg		108	77 - 141
sec-Butylbenzene	0.0500	0 05447		mg/Kg		109	79 - 141
Styrene	0.0500	0.05821		mg/Kg		116	82 - 137
tert-Butylbenzene	0.0500	0 05569		mg/Kg		111	80 - 132
Tetrachloroethene	0.0500	0 05705		mg/Kg		114	78 - 140
Toluene	0 0500	0 05840		mg/Kg		117	80 - 132
trans-1,2-Dichloroethene	0.0500	0 05543		mg/Kg		111	76 - 128
trans-1,3-Dichloropropene	0 0500	0.06026		mg/Kg		121	62 - 139
Trichloroethene	0.0500	0.05681		mg/Kg		114	77 - 127
Trichlorofluoromethane	0 0500	0.05376		mg/Kg		108	50 - 140
Vinyl chloride	0.0500	0.05061		mg/Kg		101	47 - 136
Xylenes, Total	0.150	0 1701		mg/Kg		113	80 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: LCSD 490-15622/4
Matrix: Solid
Analysis Batch: 15622

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0 0500	0 05062		mg/Kg		101	80 - 136	11	50
1,1,1-Trichloroethane	0 0500	0 05136		mg/Kg		103	72 - 140	10	50
1,1,2,2-Tetrachloroethane	0 0500	0.05335		mg/Kg		107	66 - 134	5	50
1,1,2-Trichloroethane	0.0500	0.04897		mg/Kg		98	78 - 128	16	50
1,1-Dichloroethane	0.0500	0.05017		mg/Kg		100	75 - 124	10	50
1,1-Dichloroethene	0.0500	0.05018		mg/Kg		100	75 - 131	10	50
1,1-Dichloropropene	0.0500	0.05013		mg/Kg		100	79 - 127	12	50
1,2,3-Trichlorobenzene	0.0500	0.05478		mg/Kg		110	70 - 150	13	50
1,2,3-Trichloropropane	0.0500	0 05503		mg/Kg		110	65 - 139	13	50
1,2,4-Trichlorobenzene	0 0500	0 05595		mg/Kg		112	62 - 150	15	50
1,2,4-Trimethylbenzene	0.0500	0 04845		mg/Kg		97	77 - 139	12	50
1,2-Dibromo-3-Chloropropane	0 0500	0.04954		mg/Kg		99	49 - 142	10	50
1,2-Dibromoethane (EDB)	0 0500	0 05330		mg/Kg		107	80 - 135	8	50
1,2-Dichlorobenzene	0 0500	0 04935		mg/Kg		99	80 - 134	14	50
1,2-Dichloroethane	0 0500	0 05150		mg/Kg		103	65 - 134	9	50
1,2-Dichloropropane	0 0500	0.04770		mg/Kg		95	69 - 120	10	50
1,3,5-Trimethylbenzene	0 0500	0 04968		mg/Kg		99	78 - 138	13	50
1,3-Dichlorobenzene	0.0500	0.05186		mg/Kg		104	79 - 137	10	50
1,3-Dichloropropane	0.0500	0.05276		mg/Kg		106	78 - 126	12	42
1,4-Dichlorobenzene	0.0500	0.05189		mg/Kg		104	77 - 139	14	50
2,2-Dichloropropane	0.0500	0.05045		mg/Kg		101	68 - 145	12	50
2-Butanone (MEK)	0.250	0.2743		mg/Kg		110	61 - 132	8	50
2-Chlorotoluene	0 0500	0.05022		mg/Kg		100	78 - 132	12	50
2-Hexanone	0.250	0.2839		mg/Kg		114	57 - 148	10	50
4-Chlorotoluene	0.0500	0.05206		mg/Kg		104	77 - 138	10	50
4-Methyl-2-pentanone (MIBK)	0 250	0.2602		mg/Kg		104	59 - 138	8	50
Acetone	0 250	0.2584		mg/Kg		103	51 - 149	10	50
Benzene	0 0500	0.05020		mg/Kg		100	75 - 127	11	50
Bromobenzene	0.0500	0.05095		mg/Kg		102	75 - 130	11	50
Bromochloromethane	0 0500	0 05237		mg/Kg		105	70 - 132	9	50
Bromodichloromethane	0.0500	0.05019		mg/Kg		100	68 - 135	10	50
Bromoform	0 0500	0.05384		mg/Kg		108	36 - 150	12	50
Bromomethane	0 0500	0 05309		mg/Kg		106	43 - 142	8	50
Carbon disulfide	0 0500	0 04813		mg/Kg		96	74 - 135	11	50
Carbon tetrachloride	0.0500	0 05051		mg/Kg		101	70 - 141	13	50
Chlorobenzene	0 0500	0 05022		mg/Kg		100	84 - 125	11	50
Chlorodibromomethane	0.0500	0.05316		mg/Kg		106	66 - 134	11	50
Chloroethane	0 0500	0 05108		mg/Kg		102	53 - 144	10	50
Chloroform	0 0500	0 05075		mg/Kg		101	76 - 130	10	49
Chloromethane	0.0500	0.04549		mg/Kg		91	23 - 150	20	50
cis-1,2-Dichloroethene	0 0500	0.04949		mg/Kg		99	75 - 125	10	50
cis-1,3-Dichloropropene	0.0500	0.05120		mg/Kg		102	73 - 148	12	50
Dibromomethane	0.0500	0 05106		mg/Kg		102	71 - 130	9	50
Dichlorodifluoromethane	0.0500	0.03886		mg/Kg		78	12 - 144	10	50
Ethylbenzene	0.0500	0.05120		mg/Kg		102	80 - 134	10	50
Hexachlorobutadiene	0.0500	0 05028		mg/Kg		101	65 - 148	14	50
Isopropylbenzene	0.0500	0.05378		mg/Kg		108	80 - 150	11	50
Methyl tert-butyl ether	0.0500	0.05370		mg/Kg		107	70 - 136	9	50
Methylene Chloride	0.0500	0.04770		mg/Kg		95	68 - 144	9	50

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

Lab Sample ID: LCSD 490-15622/4
Matrix: Solid
Analysis Batch: 15622

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	0 0500	0.05499		mg/Kg		110	69 - 150	10	50
n-Butylbenzene	0 0500	0.04906		mg/Kg		98	72 - 152	15	50
N-Propylbenzene	0 0500	0.04967		mg/Kg		99	75 - 137	12	50
p-Isopropyltoluene	0.0500	0 04893		mg/Kg		98	77 - 141	10	50
sec-Butylbenzene	0 0500	0 04988		mg/Kg		100	79 - 141	9	50
Styrene	0 0500	0.05252		mg/Kg		105	82 - 137	10	50
tert-Butylbenzene	0 0500	0.04987		mg/Kg		100	80 - 132	11	50
Tetrachloroethene	0 0500	0.05096		mg/Kg		102	78 - 140	11	50
Toluene	0 0500	0.04793		mg/Kg		96	80 - 132	20	50
trans-1,2-Dichloroethene	0 0500	0 05019		mg/Kg		100	76 - 128	10	50
trans-1,3-Dichloropropene	0.0500	0 04788		mg/Kg		96	62 - 139	23	50
Trichloroethene	0 0500	0.05042		mg/Kg		101	77 - 127	12	50
Trichlorofluoromethane	0 0500	0.04793		mg/Kg		96	50 - 140	11	50
Vinyl chloride	0 0500	0 04544		mg/Kg		91	47 - 136	11	50
Xylenes, Total	0.150	0 1514		mg/Kg		101	80 - 137	12	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 490-15830/4
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			08/28/12 12 16	1
1,1,1-Trichloroethane	ND		1 00		ug/L			08/28/12 12:16	1
1,1,2,2-Tetrachloroethane	ND		1 00		ug/L			08/28/12 12:16	1
1,1,2-Trichloroethane	ND		1 00		ug/L			08/28/12 12:16	1
1,1-Dichloroethane	ND		1 00		ug/L			08/28/12 12:16	1
1,1-Dichloroethene	ND		1 00		ug/L			08/28/12 12.16	1
1,1-Dichloropropene	ND		1 00		ug/L			08/28/12 12:16	1
1,2,3-Trichlorobenzene	ND		1 00		ug/L			08/28/12 12:16	1
1,2,3-Trichloropropane	ND		1 00		ug/L			08/28/12 12:16	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			08/28/12 12 16	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			08/28/12 12:16	1
1,2-Dibromo-3-Chloropropane	ND		10 0		ug/L			08/28/12 12 16	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			08/28/12 12 16	1
1,2-Dichlorobenzene	ND		1 00		ug/L			08/28/12 12:16	1
1,2-Dichloroethane	ND		1.00		ug/L			08/28/12 12:16	1
1,2-Dichloropropane	ND		1.00		ug/L			08/28/12 12 16	1
1,3,5-Trimethylbenzene	ND		1 00		ug/L			08/28/12 12 16	1
1,3-Dichlorobenzene	ND		1.00		ug/L			08/28/12 12:16	1
1,3-Dichloropropane	ND		1.00		ug/L			08/28/12 12:16	1
1,4-Dichlorobenzene	ND		1.00		ug/L			08/28/12 12:16	1
2,2-Dichloropropane	ND		1 00		ug/L			08/28/12 12:16	1
2-Butanone (MEK)	ND		50.0		ug/L			08/28/12 12 16	1

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

Lab Sample ID: MB 490-15830/4
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00		ug/L			08/28/12 12.16	1
2-Hexanone	ND		10.0		ug/L			08/28/12 12.16	1
4-Chlorotoluene	ND		1.00		ug/L			08/28/12 12 16	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			08/28/12 12:16	1
Acetone	ND		50.0		ug/L			08/28/12 12:16	1
Benzene	ND		1.00		ug/L			08/28/12 12:16	1
Bromobenzene	ND		1.00		ug/L			08/28/12 12 16	1
Bromochloromethane	ND		1.00		ug/L			08/28/12 12 16	1
Bromodichloromethane	ND		1.00		ug/L			08/28/12 12.16	1
Bromoform	ND		1.00		ug/L			08/28/12 12 16	1
Bromomethane	ND		1.00		ug/L			08/28/12 12 16	1
Carbon disulfide	ND		1.00		ug/L			08/28/12 12:16	1
Carbon tetrachloride	ND		1.00		ug/L			08/28/12 12 16	1
Chlorobenzene	ND		1.00		ug/L			08/28/12 12.16	1
Chlorodibromomethane	ND		1 00		ug/L			08/28/12 12 16	1
Chloroethane	ND		1 00		ug/L			08/28/12 12:16	1
Chloroform	ND		1.00		ug/L			08/28/12 12.16	1
Chloromethane	ND		1 00		ug/L			08/28/12 12:16	1
cis-1,2-Dichloroethene	ND		1 00		ug/L			08/28/12 12.16	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			08/28/12 12 16	1
Dibromomethane	ND		1 00		ug/L			08/28/12 12:16	1
Dichlorodifluoromethane	ND		1 00		ug/L			08/28/12 12:16	1
Ethylbenzene	ND		1.00		ug/L			08/28/12 12:16	1
Hexachlorobutadiene	ND		2.00		ug/L			08/28/12 12:16	1
Isopropylbenzene	ND		1.00		ug/L			08/28/12 12:16	1
Methyl tert-butyl ether	ND		1 00		ug/L			08/28/12 12:16	1
Methylene Chloride	ND		5.00		ug/L			08/28/12 12:16	1
Naphthalene	ND		5 00		ug/L			08/28/12 12:16	1
n-Butylbenzene	ND		1.00		ug/L			08/28/12 12:16	1
N-Propylbenzene	ND		1.00		ug/L			08/28/12 12 16	1
p-Isopropyltoluene	ND		1.00		ug/L			08/28/12 12 16	1
sec-Butylbenzene	ND		1.00		ug/L			08/28/12 12.16	1
Styrene	ND		1.00		ug/L			08/28/12 12 16	1
tert-Butylbenzene	ND		1.00		ug/L			08/28/12 12:16	1
Tetrachloroethene	ND		1.00		ug/L			08/28/12 12 16	1
Toluene	ND		1 00		ug/L			08/28/12 12.16	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			08/28/12 12:16	1
trans-1,3-Dichloropropene	ND		1 00		ug/L			08/28/12 12:16	1
Trichloroethene	ND		1 00		ug/L			08/28/12 12:16	1
Trichlorofluoromethane	ND		1 00		ug/L			08/28/12 12:16	1
Vinyl chloride	ND		1 00		ug/L			08/28/12 12 16	1
Xylenes, Total	ND		3.00		ug/L			08/28/12 12 16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*08/28/12 12.16*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*08/28/12 12.16*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*08/28/12 12.16*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/28/12 12.16*	*1*

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

Lab Sample ID: LCS 490-15830/3
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	21.74		ug/L		109	74 - 135
1,1,1-Trichloroethane	20.0	20.51		ug/L		103	78 - 135
1,1,2,2-Tetrachloroethane	20 0	18.03		ug/L		90	69 - 131
1,1,2-Trichloroethane	20 0	20.21		ug/L		101	80 - 124
1,1-Dichloroethane	20 0	21.71		ug/L		109	78 - 125
1,1-Dichloroethene	20.0	19.45		ug/L		97	79 - 124
1,1-Dichloropropene	20 0	19 94		ug/L		100	80 - 122
1,2,3-Trichlorobenzene	20 0	24.76		ug/L		124	62 - 133
1,2,3-Trichloropropane	20.0	17.84		ug/L		89	70 - 131
1,2,4-Trichlorobenzene	20 0	24.62		ug/L		123	63 - 133
1,2,4-Trimethylbenzene	20 0	19 58		ug/L		98	77 - 126
1,2-Dibromo-3-Chloropropane	20.0	16 49		ug/L		82	54 - 125
1,2-Dibromoethane (EDB)	20 0	20 26		ug/L		101	80 - 129
1,2-Dichlorobenzene	20.0	19.42		ug/L		97	80 - 121
1,2-Dichloroethane	20.0	20 52		ug/L		103	77 - 121
1,2-Dichloropropane	20.0	19 86		ug/L		99	75 - 120
1,3,5-Trimethylbenzene	20.0	19 54		ug/L		98	77 - 127
1,3-Dichlorobenzene	20.0	19 88		ug/L		99	80 - 122
1,3-Dichloropropane	20.0	19 58		ug/L		98	80 - 125
1,4-Dichlorobenzene	20.0	19 21		ug/L		96	80 - 120
2,2-Dichloropropane	20.0	21.13		ug/L		106	43 - 161
2-Butanone (MEK)	100	100 6		ug/L		101	62 - 133
2-Chlorotoluene	20 0	18.78		ug/L		94	75 - 126
2-Hexanone	100	113 0		ug/L		113	60 - 142
4-Chlorotoluene	20 0	19 31		ug/L		97	75 - 130
4-Methyl-2-pentanone (MIBK)	100	102 5		ug/L		103	60 - 137
Acetone	100	92 13		ug/L		92	54 - 145
Benzene	20 0	20 02		ug/L		100	80 - 121
Bromobenzene	20.0	18.57		ug/L		93	68 - 130
Bromochloromethane	20.0	20 83		ug/L		104	78 - 129
Bromodichloromethane	20.0	20.33		ug/L		102	75 - 129
Bromoform	20 0	18.69		ug/L		93	46 - 145
Bromomethane	20.0	15 47		ug/L		77	41 - 150
Carbon disulfide	20 0	18.43		ug/L		92	77 - 126
Carbon tetrachloride	20.0	20 35		ug/L		102	64 - 147
Chlorobenzene	20.0	19 75		ug/L		99	80 - 120
Chlorodibromomethane	20.0	18 37		ug/L		92	69 - 133
Chloroethane	20.0	19 52		ug/L		98	72 - 120
Chloroform	20 0	21.41		ug/L		107	73 - 129
Chloromethane	20.0	12.09		ug/L		60	12 - 150
cis-1,2-Dichloroethene	20.0	20 07		ug/L		100	76 - 125
cis-1,3-Dichloropropene	20 0	21.06		ug/L		105	74 - 140
Dibromomethane	20.0	22 26		ug/L		111	71 - 125
Dichlorodifluoromethane	20.0	17 96		ug/L		90	37 - 127
Ethylbenzene	20.0	20.46		ug/L		102	80 - 130
Hexachlorobutadiene	20 0	22 84		ug/L		114	49 - 146
Isopropylbenzene	20 0	23 13		ug/L		116	80 - 141
Methyl tert-butyl ether	20 0	20 72		ug/L		104	72 - 133
Methylene Chloride	20.0	18 84		ug/L		94	79 - 123

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

Lab Sample ID: LCS 490-15830/3
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	20.0	19 77		ug/L		99	62 - 138
n-Butylbenzene	20 0	17.77		ug/L		89	68 - 132
N-Propylbenzene	20 0	18.71		ug/L		94	75 - 129
p-Isopropyltoluene	20 0	18.98		ug/L		95	75 - 128
sec-Butylbenzene	20 0	19.80		ug/L		99	76 - 128
Styrene	20 0	22.09		ug/L		110	80 - 127
tert-Butylbenzene	20 0	19.67		ug/L		98	76 - 126
Tetrachloroethene	20 0	21.34		ug/L		107	80 - 126
Toluene	20 0	19.45		ug/L		97	80 - 126
trans-1,2-Dichloroethene	20.0	20 51		ug/L		103	79 - 126
trans-1,3-Dichloropropene	20.0	17 62		ug/L		88	63 - 134
Trichloroethene	20.0	20.76		ug/L		104	80 - 123
Trichlorofluoromethane	20.0	18 98		ug/L		95	65 - 124
Vinyl chloride	20 0	20.46		ug/L		102	68 - 120
Xylenes, Total	60.0	61 59		ug/L		103	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 490-5109-B-1 MS
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	54 09		ug/L		108	73 - 141
1,1,1-Trichloroethane	ND		50.0	55 96		ug/L		112	76 - 149
1,1,2,2-Tetrachloroethane	ND		50.0	42 55		ug/L		85	56 - 143
1,1,2-Trichloroethane	ND		50 0	50 57		ug/L		101	74 - 134
1,1-Dichloroethane	ND		50.0	54.12		ug/L		108	71 - 139
1,1-Dichloroethene	ND		50 0	50.51		ug/L		101	70 - 142
1,1-Dichloropropene	ND		50.0	52 38		ug/L		105	76 - 139
1,2,3-Trichlorobenzene	ND		50.0	47 90		ug/L		96	55 - 138
1,2,3-Trichloropropane	ND		50.0	41.35		ug/L		83	53 - 144
1,2,4-Trichlorobenzene	ND		50.0	53 19		ug/L		106	60 - 136
1,2,4-Trimethylbenzene	ND		50.0	47.47		ug/L		95	69 - 136
1,2-Dibromo-3-Chloropropane	ND		50 0	43.87		ug/L		88	52 - 126
1,2-Dibromoethane (EDB)	ND		50 0	49.53		ug/L		99	75 - 137
1,2-Dichlorobenzene	ND		50.0	45.72		ug/L		91	79 - 128
1,2-Dichloroethane	ND		50 0	52 13		ug/L		104	64 - 136
1,2-Dichloropropane	ND		50.0	50.07		ug/L		100	67 - 131
1,3,5-Trimethylbenzene	ND		50.0	46.98		ug/L		94	69 - 139
1,3-Dichlorobenzene	ND		50.0	48.79		ug/L		98	77 - 131
1,3-Dichloropropane	ND		50 0	49.84		ug/L		100	72 - 134
1,4-Dichlorobenzene	ND		50.0	46 88		ug/L		94	78 - 126
2,2-Dichloropropane	ND		50 0	53.31		ug/L		107	37 - 175
2-Butanone (MEK)	ND		250	249.8		ug/L		100	50 - 138

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

Lab Sample ID: 490-5109-B-1 MS
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	ND		50.0	43.47		ug/L		87	67 - 138
2-Hexanone	ND		250	311.2		ug/L		124	50 - 150
4-Chlorotoluene	ND		50.0	45.67		ug/L		91	69 - 138
4-Methyl-2-pentanone (MIBK)	ND		250	290 1		ug/L		115	50 - 147
Acetone	ND		250	231.9		ug/L		93	45 - 141
Benzene	ND		50.0	51.11		ug/L		102	75 - 133
Bromobenzene	ND		50.0	44.11		ug/L		88	60 - 138
Bromochloromethane	ND		50.0	51.99		ug/L		104	67 - 139
Bromodichloromethane	ND		50.0	53.76		ug/L		108	70 - 140
Bromoform	ND		50.0	50.43		ug/L		101	42 - 147
Bromomethane	ND		50.0	35.34		ug/L		71	16 - 163
Carbon disulfide	ND		50 0	48.82		ug/L		98	48 - 152
Carbon tetrachloride	ND		50 0	58.42		ug/L		117	62 - 164
Chlorobenzene	ND		50.0	49.77		ug/L		100	80 - 129
Chlorodibromomethane	ND		50 0	47.44		ug/L		95	66 - 140
Chloroethane	ND		50 0	49.98		ug/L		100	58 - 137
Chloroform	ND		50.0	53 36		ug/L		107	66 - 138
Chloromethane	ND		50.0	21.06		ug/L		42	10 - 169
cis-1,2-Dichloroethene	ND		50 0	51.00		ug/L		102	68 - 138
cis-1,3-Dichloropropene	ND		50 0	54.14		ug/L		108	71 - 141
Dibromomethane	ND		50.0	53.51		ug/L		107	58 - 140
Dichlorodifluoromethane	ND		50.0	27 96		ug/L		56	40 - 127
Ethylbenzene	ND		50 0	50.45		ug/L		101	79 - 139
Hexachlorobutadiene	ND		50 0	48.92		ug/L		98	45 - 155
Isopropylbenzene	ND		50.0	62.28		ug/L		125	80 - 153
Methyl tert-butyl ether	ND		50 0	51.73		ug/L		103	66 - 141
Methylene Chloride	ND		50.0	47.00		ug/L		94	64 - 139
Naphthalene	ND		50.0	39.59		ug/L		79	55 - 140
n-Butylbenzene	ND		50.0	44 04		ug/L		88	66 - 141
N-Propylbenzene	ND		50.0	44.66		ug/L		89	69 - 142
p-Isopropyltoluene	ND		50.0	47 09		ug/L		94	71 - 137
sec-Butylbenzene	ND		50 0	50.10		ug/L		100	73 - 138
Styrene	ND		50.0	58 03		ug/L		116	61 - 148
tert-Butylbenzene	ND		50.0	49 20		ug/L		98	70 - 138
Tetrachloroethene	ND		50 0	56.73		ug/L		113	72 - 145
Toluene	ND		50.0	48 95		ug/L		98	75 - 136
trans-1,2-Dichloroethene	ND		50 0	54 16		ug/L		108	66 - 143
trans-1,3-Dichloropropene	ND		50.0	44 64		ug/L		89	59 - 135
Trichloroethene	ND		50.0	54.84		ug/L		110	73 - 144
Trichlorofluoromethane	ND		50.0	52.19		ug/L		104	58 - 139
Vinyl chloride	ND		50.0	42.82		ug/L		86	56 - 129
Xylenes, Total	ND		150	156.0		ug/L		104	74 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

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

Lab Sample ID: 490-5109-C-1 MSD
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50 0	55.02		ug/L		110	73 - 141	2	16
1,1,1-Trichloroethane	ND		50.0	55.63		ug/L		111	76 - 149	1	17
1,1,2,2-Tetrachloroethane	ND		50.0	44.71		ug/L		89	56 - 143	5	20
1,1,2-Trichloroethane	ND		50.0	51.02		ug/L		102	74 - 134	1	15
1,1-Dichloroethane	ND		50 0	53.96		ug/L		108	71 - 139	0	17
1,1-Dichloroethene	ND		50 0	51.89		ug/L		104	70 - 142	3	17
1,1-Dichloropropene	ND		50.0	52.21		ug/L		104	76 - 139	0	17
1,2,3-Trichlorobenzene	ND		50 0	55.70		ug/L		111	55 - 138	15	25
1,2,3-Trichloropropane	ND		50 0	44.14		ug/L		88	53 - 144	7	19
1,2,4-Trichlorobenzene	ND		50 0	61.64		ug/L		123	60 - 136	15	19
1,2,4-Trimethylbenzene	ND		50 0	48.51		ug/L		97	69 - 136	2	16
1,2-Dibromo-3-Chloropropane	ND		50 0	44.85		ug/L		90	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50 0	50.59		ug/L		101	75 - 137	2	15
1,2-Dichlorobenzene	ND		50.0	47 32		ug/L		95	79 - 128	3	15
1,2-Dichloroethane	ND		50 0	50.94		ug/L		102	64 - 136	2	17
1,2-Dichloropropane	ND		50.0	48 98		ug/L		98	67 - 131	2	17
1,3,5-Trimethylbenzene	ND		50.0	49 84		ug/L		100	69 - 139	6	17
1,3-Dichlorobenzene	ND		50 0	48 20		ug/L		96	77 - 131	1	15
1,3-Dichloropropane	ND		50 0	49.97		ug/L		100	72 - 134	0	14
1,4-Dichlorobenzene	ND		50 0	47.13		ug/L		94	78 - 126	1	15
2,2-Dichloropropane	ND		50.0	52.61		ug/L		105	37 - 175	1	18
2-Butanone (MEK)	ND		250	245.1		ug/L		98	50 - 138	2	19
2-Chlorotoluene	ND		50.0	46 45		ug/L		93	67 - 138	7	17
2-Hexanone	ND		250	315.1		ug/L		126	50 - 150	1	15
4-Chlorotoluene	ND		50 0	47.18		ug/L		94	69 - 138	3	18
4-Methyl-2-pentanone (MIBK)	ND		250	289.0		ug/L		114	50 - 147	0	17
Acetone	ND		250	228.0		ug/L		91	45 - 141	2	21
Benzene	ND		50.0	50.33		ug/L		101	75 - 133	2	17
Bromobenzene	ND		50.0	47.86		ug/L		96	60 - 138	8	20
Bromochloromethane	ND		50.0	50.51		ug/L		101	67 - 139	3	17
Bromodichloromethane	ND		50.0	53 39		ug/L		107	70 - 140	1	18
Bromoform	ND		50.0	50 69		ug/L		101	42 - 147	1	16
Bromomethane	ND		50.0	41 28		ug/L		83	16 - 163	16	50
Carbon disulfide	ND		50.0	48 16		ug/L		96	48 - 152	1	21
Carbon tetrachloride	ND		50.0	58 18		ug/L		116	62 - 164	0	19
Chlorobenzene	ND		50.0	50 27		ug/L		101	80 - 129	1	14
Chlorodibromomethane	ND		50.0	48.05		ug/L		96	66 - 140	1	15
Chloroethane	ND		50 0	50 89		ug/L		102	58 - 137	2	20
Chloroform	ND		50 0	52.06		ug/L		104	66 - 138	2	18
Chloromethane	ND		50 0	24.11		ug/L		48	10 - 169	14	31
cis-1,2-Dichloroethene	ND		50 0	50.82		ug/L		102	68 - 138	0	17
cis-1,3-Dichloropropene	ND		50 0	54.88		ug/L		110	71 - 141	1	15
Dibromomethane	ND		50.0	52.45		ug/L		105	58 - 140	2	16
Dichlorodifluoromethane	ND		50 0	26 68		ug/L		53	40 - 127	5	18
Ethylbenzene	ND		50.0	50.68		ug/L		101	79 - 139	0	15
Hexachlorobutadiene	ND		50.0	54 87		ug/L		110	45 - 155	11	23
Isopropylbenzene	ND		50.0	63 65		ug/L		127	80 - 153	2	16
Methyl tert-butyl ether	ND		50.0	51 36		ug/L		103	66 - 141	1	16
Methylene Chloride	ND		50.0	46 49		ug/L		93	64 - 139	1	17

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

Lab Sample ID: 490-5109-C-1 MSD
Matrix: Water
Analysis Batch: 15830

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	ND		50.0	48.22		ug/L		96	55 - 140	20	26
n-Butylbenzene	ND		50.0	44.54		ug/L		89	66 - 141	1	18
N-Propylbenzene	ND		50.0	48 84		ug/L		98	69 - 142	9	17
p-Isopropyltoluene	ND		50.0	46.94		ug/L		94	71 - 137	0	16
sec-Butylbenzene	ND		50.0	50.90		ug/L		102	73 - 138	2	16
Styrene	ND		50.0	57 73		ug/L		115	61 - 148	1	24
tert-Butylbenzene	ND		50 0	51.98		ug/L		104	70 - 138	5	16
Tetrachloroethene	ND		50 0	57.25		ug/L		115	72 - 145	1	16
Toluene	ND		50.0	49.63		ug/L		99	75 - 136	1	15
trans-1,2-Dichloroethene	ND		50 0	52.64		ug/L		105	66 - 143	3	16
trans-1,3-Dichloropropene	ND		50.0	45.15		ug/L		90	59 - 135	1	14
Trichloroethene	ND		50 0	53.53		ug/L		107	73 - 144	2	17
Trichlorofluoromethane	ND		50 0	52.93		ug/L		106	58 - 139	1	18
Vinyl chloride	ND		50.0	43 82		ug/L		88	56 - 129	2	17
Xylenes, Total	ND		150	157 3		ug/L		105	74 - 141	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 490-15840/6
Matrix: Solid
Analysis Batch: 15840

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/28/12 12:14	1
1,1,1-Trichloroethane	ND		0.00200		mg/Kg			08/28/12 12 14	1
1,1,2,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/28/12 12.14	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg			08/28/12 12 14	1
1,1-Dichloroethane	ND		0.00200		mg/Kg			08/28/12 12 14	1
1,1-Dichloroethene	ND		0.00200		mg/Kg			08/28/12 12.14	1
1,1-Dichloropropene	ND		0.00200		mg/Kg			08/28/12 12 14	1
1,2,3-Trichlorobenzene	ND		0.00200		mg/Kg			08/28/12 12:14	1
1,2,3-Trichloropropane	ND		0.00200		mg/Kg			08/28/12 12 14	1
1,2,4-Trichlorobenzene	ND		0.00200		mg/Kg			08/28/12 12 14	1
1,2,4-Trimethylbenzene	ND		0.00200		mg/Kg			08/28/12 12.14	1
1,2-Dibromo-3-Chloropropane	ND		0 00500		mg/Kg			08/28/12 12:14	1
1,2-Dibromoethane (EDB)	ND		0 00200		mg/Kg			08/28/12 12 14	1
1,2-Dichlorobenzene	ND		0 00200		mg/Kg			08/28/12 12 14	1
1,2-Dichloroethane	ND		0.00200		mg/Kg			08/28/12 12:14	1
1,2-Dichloropropane	ND		0 00200		mg/Kg			08/28/12 12 14	1
1,3,5-Trimethylbenzene	ND		0.00200		mg/Kg			08/28/12 12:14	1
1,3-Dichlorobenzene	ND		0 00200		mg/Kg			08/28/12 12 14	1
1,3-Dichloropropane	ND		0 00200		mg/Kg			08/28/12 12 14	1
1,4-Dichlorobenzene	ND		0 00200		mg/Kg			08/28/12 12 14	1
2,2-Dichloropropane	ND		0 00200		mg/Kg			08/28/12 12 14	1
2-Butanone (MEK)	ND		0.0500		mg/Kg			08/28/12 12 14	1

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

Lab Sample ID: MB 490-15840/6
Matrix: Solid
Analysis Batch: 15840

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0 00200		mg/Kg			08/28/12 12:14	1
2-Hexanone	ND		0 0500		mg/Kg			08/28/12 12:14	1
4-Chlorotoluene	ND		0.00200		mg/Kg			08/28/12 12 14	1
4-Methyl-2-pentanone (MIBK)	ND		0 0500		mg/Kg			08/28/12 12:14	1
Acetone	ND		0.0500		mg/Kg			08/28/12 12:14	1
Benzene	ND		0.00200		mg/Kg			08/28/12 12.14	1
Bromobenzene	ND		0.00200		mg/Kg			08/28/12 12:14	1
Bromochloromethane	ND		0 00200		mg/Kg			08/28/12 12:14	1
Bromodichloromethane	ND		0 00200		mg/Kg			08/28/12 12:14	1
Bromoform	ND		0.00200		mg/Kg			08/28/12 12:14	1
Bromomethane	ND		0 00200		mg/Kg			08/28/12 12:14	1
Carbon disulfide	ND		0.00500		mg/Kg			08/28/12 12:14	1
Carbon tetrachloride	ND		0 00200		mg/Kg			08/28/12 12:14	1
Chlorobenzene	ND		0 00200		mg/Kg			08/28/12 12 14	1
Chlorodibromomethane	ND		0 00200		mg/Kg			08/28/12 12:14	1
Chloroethane	ND		0 00500		mg/Kg			08/28/12 12:14	1
Chloroform	0.008912		0 00200		mg/Kg			08/28/12 12:14	1
Chloromethane	ND		0 00200		mg/Kg			08/28/12 12 14	1
cis-1,2-Dichloroethene	ND		0 00200		mg/Kg			08/28/12 12:14	1
cis-1,3-Dichloropropene	ND		0 00200		mg/Kg			08/28/12 12 14	1
Dibromomethane	ND		0.00200		mg/Kg			08/28/12 12 14	1
Dichlorodifluoromethane	ND		0.00200		mg/Kg			08/28/12 12:14	1
Ethylbenzene	ND		0.00200		mg/Kg			08/28/12 12 14	1
Hexachlorobutadiene	ND		0.00500		mg/Kg			08/28/12 12 14	1
Isopropylbenzene	ND		0.00200		mg/Kg			08/28/12 12 14	1
Methyl tert-butyl ether	ND		0.00200		mg/Kg			08/28/12 12.14	1
Methylene Chloride	ND		0 0100		mg/Kg			08/28/12 12:14	1
Naphthalene	ND		0 00500		mg/Kg			08/28/12 12 14	1
n-Butylbenzene	ND		0.00200		mg/Kg			08/28/12 12.14	1
N-Propylbenzene	ND		0.00200		mg/Kg			08/28/12 12 14	1
p-Isopropyltoluene	ND		0.00200		mg/Kg			08/28/12 12:14	1
sec-Butylbenzene	ND		0.00200		mg/Kg			08/28/12 12 14	1
Styrene	ND		0.00200		mg/Kg			08/28/12 12 14	1
tert-Butylbenzene	ND		0.00200		mg/Kg			08/28/12 12.14	1
Tetrachloroethene	ND		0.00200		mg/Kg			08/28/12 12:14	1
Toluene	ND		0.00200		mg/Kg			08/28/12 12.14	1
trans-1,2-Dichloroethene	ND		0 00200		mg/Kg			08/28/12 12:14	1
trans-1,3-Dichloropropene	ND		0 00200		mg/Kg			08/28/12 12 14	1
Trichloroethene	ND		0 00200		mg/Kg			08/28/12 12:14	1
Trichlorofluoromethane	ND		0 00200		mg/Kg			08/28/12 12:14	1
Vinyl chloride	ND		0 00200		mg/Kg			08/28/12 12:14	1
Xylenes, Total	ND		0 00500		mg/Kg			08/28/12 12.14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*08/28/12 12.14*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*08/28/12 12.14*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*08/28/12 12 14*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/28/12 12:14*	*1*

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

Lab Sample ID: LCS 490-15840/3
Matrix: Solid
Analysis Batch: 15840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0 0500	0.04687		mg/Kg		94	80 - 136
1,1,1-Trichloroethane	0.0500	0.04827		mg/Kg		97	72 - 140
1,1,2,2-Tetrachloroethane	0 0500	0.05147		mg/Kg		103	66 - 134
1,1,2-Trichloroethane	0.0500	0.05283		mg/Kg		106	78 - 128
1,1-Dichloroethane	0.0500	0.04891		mg/Kg		98	75 - 124
1,1-Dichloroethene	0.0500	0.04724		mg/Kg		94	75 - 131
1,1-Dichloropropene	0.0500	0.04737		mg/Kg		95	79 - 127
1,2,3-Trichlorobenzene	0.0500	0 05168		mg/Kg		103	70 - 150
1,2,3-Trichloropropane	0.0500	0.05149		mg/Kg		103	65 - 139
1,2,4-Trichlorobenzene	0.0500	0 05223		mg/Kg		104	62 - 150
1,2,4-Trimethylbenzene	0.0500	0 05008		mg/Kg		100	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04703		mg/Kg		94	49 - 142
1,2-Dibromoethane (EDB)	0 0500	0.05277		mg/Kg		106	80 - 135
1,2-Dichlorobenzene	0.0500	0.04988		mg/Kg		100	80 - 134
1,2-Dichloroethane	0.0500	0 04928		mg/Kg		99	65 - 134
1,2-Dichloropropane	0 0500	0 04731		mg/Kg		95	69 - 120
1,3,5-Trimethylbenzene	0.0500	0 04935		mg/Kg		99	78 - 138
1,3-Dichlorobenzene	0.0500	0 04953		mg/Kg		99	79 - 137
1,3-Dichloropropane	0 0500	0.05170		mg/Kg		103	78 - 126
1,4-Dichlorobenzene	0 0500	0 04840		mg/Kg		97	77 - 139
2,2-Dichloropropane	0.0500	0 04944		mg/Kg		99	68 - 145
2-Butanone (MEK)	0.250	0.2114		mg/Kg		85	61 - 132
2-Chlorotoluene	0.0500	0 04745		mg/Kg		95	78 - 132
2-Hexanone	0.250	0.2545		mg/Kg		102	57 - 148
4-Chlorotoluene	0.0500	0 04813		mg/Kg		96	77 - 138
4-Methyl-2-pentanone (MIBK)	0 250	0 2599		mg/Kg		104	59 - 138
Acetone	0.250	0 1968		mg/Kg		79	51 - 149
Benzene	0 0500	0 04722		mg/Kg		94	75 - 127
Bromobenzene	0.0500	0 04671		mg/Kg		93	75 - 130
Bromochloromethane	0.0500	0 05139		mg/Kg		103	70 - 132
Bromodichloromethane	0 0500	0.04763		mg/Kg		95	68 - 135
Bromoform	0.0500	0 04685		mg/Kg		94	36 - 150
Bromomethane	0.0500	0.03986		mg/Kg		80	43 - 142
Carbon disulfide	0.0500	0.04609		mg/Kg		92	74 - 135
Carbon tetrachloride	0.0500	0 04412		mg/Kg		88	70 - 141
Chlorobenzene	0.0500	0.04834		mg/Kg		97	84 - 125
Chlorodibromomethane	0 0500	0.04992		mg/Kg		100	66 - 134
Chloroethane	0 0500	0.04660		mg/Kg		93	53 - 144
Chloroform	0 0500	0 04800		mg/Kg		96	76 - 130
Chloromethane	0 0500	0.03533		mg/Kg		71	23 - 150
cis-1,2-Dichloroethene	0 0500	0 04863		mg/Kg		97	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05377		mg/Kg		108	73 - 148
Dibromomethane	0.0500	0 04964		mg/Kg		99	71 - 130
Dichlorodifluoromethane	0.0500	0 03401		mg/Kg		68	12 - 144
Ethylbenzene	0 0500	0 04836		mg/Kg		97	80 - 134
Hexachlorobutadiene	0.0500	0 04695		mg/Kg		94	65 - 148
Isopropylbenzene	0.0500	0.05436		mg/Kg		109	80 - 150
Methyl tert-butyl ether	0 0500	0.05746		mg/Kg		115	70 - 136
Methylene Chloride	0.0500	0.04770		mg/Kg		95	68 - 144

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

Lab Sample ID: LCS 490-15840/3
Matrix: Solid
Analysis Batch: 15840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	0.0500	0.05401		mg/Kg		108	69 - 150
n-Butylbenzene	0.0500	0.04982		mg/Kg		100	72 - 152
N-Propylbenzene	0.0500	0.04741		mg/Kg		95	75 - 137
p-Isopropyltoluene	0.0500	0 04898		mg/Kg		98	77 - 141
sec-Butylbenzene	0 0500	0 04901		mg/Kg		98	79 - 141
Styrene	0 0500	0.05186		mg/Kg		104	82 - 137
tert-Butylbenzene	0.0500	0.04965		mg/Kg		99	80 - 132
Tetrachloroethene	0.0500	0.04900		mg/Kg		98	78 - 140
Toluene	0.0500	0.04852		mg/Kg		97	80 - 132
trans-1,2-Dichloroethene	0 0500	0.04910		mg/Kg		98	76 - 128
trans-1,3-Dichloropropene	0.0500	0 05297		mg/Kg		106	62 - 139
Trichloroethene	0.0500	0.04790		mg/Kg		96	77 - 127
Trichlorofluoromethane	0.0500	0.04388		mg/Kg		88	50 - 140
Vinyl chloride	0.0500	0 04329		mg/Kg		87	47 - 136
Xylenes, Total	0 150	0.1456		mg/Kg		97	80 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 490-15840/4
Matrix: Solid
Analysis Batch: 15840

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0 04585		mg/Kg		92	80 - 136	2	50
1,1,1-Trichloroethane	0 0500	0 04675		mg/Kg		94	72 - 140	3	50
1,1,2,2-Tetrachloroethane	0.0500	0.05108		mg/Kg		102	66 - 134	1	50
1,1,2-Trichloroethane	0 0500	0.05184		mg/Kg		104	78 - 128	2	50
1,1-Dichloroethane	0 0500	0.04873		mg/Kg		97	75 - 124	0	50
1,1-Dichloroethene	0 0500	0 04665		mg/Kg		93	75 - 131	1	50
1,1-Dichloropropene	0.0500	0 04710		mg/Kg		94	79 - 127	1	50
1,2,3-Trichlorobenzene	0 0500	0 05027		mg/Kg		101	70 - 150	3	50
1,2,3-Trichloropropane	0.0500	0.05060		mg/Kg		101	65 - 139	2	50
1,2,4-Trichlorobenzene	0 0500	0.04846		mg/Kg		97	62 - 150	7	50
1,2,4-Trimethylbenzene	0.0500	0.04789		mg/Kg		96	77 - 139	4	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04395		mg/Kg		88	49 - 142	7	50
1,2-Dibromoethane (EDB)	0 0500	0.05192		mg/Kg		104	80 - 135	2	50
1,2-Dichlorobenzene	0.0500	0.04866		mg/Kg		97	80 - 134	2	50
1,2-Dichloroethane	0.0500	0.04694		mg/Kg		94	65 - 134	5	50
1,2-Dichloropropane	0 0500	0 04647		mg/Kg		93	69 - 120	2	50
1,3,5-Trimethylbenzene	0.0500	0 04793		mg/Kg		96	78 - 138	3	50
1,3-Dichlorobenzene	0 0500	0.04768		mg/Kg		95	79 - 137	4	50
1,3-Dichloropropane	0 0500	0.05024		mg/Kg		100	78 - 126	3	42
1,4-Dichlorobenzene	0.0500	0.04640		mg/Kg		93	77 - 139	4	50
2,2-Dichloropropane	0.0500	0.04876		mg/Kg		98	68 - 145	1	50
2-Butanone (MEK)	0.250	0.2018		mg/Kg		81	61 - 132	5	50

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

Lab Sample ID: LCSD 490-15840/4
Matrix: Solid
Analysis Batch: 15840

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	0 0500	0 04777		mg/Kg		96	78 - 132	1	50
2-Hexanone	0.250	0 2438		mg/Kg		98	57 - 148	4	50
4-Chlorotoluene	0.0500	0 04765		mg/Kg		95	77 - 138	1	50
4-Methyl-2-pentanone (MIBK)	0 250	0 2509		mg/Kg		100	59 - 138	4	50
Acetone	0.250	0 1858		mg/Kg		74	51 - 149	6	50
Benzene	0.0500	0.04646		mg/Kg		93	75 - 127	2	50
Bromobenzene	0 0500	0 04968		mg/Kg		99	75 - 130	6	50
Bromochloromethane	0.0500	0.05134		mg/Kg		103	70 - 132	0	50
Bromodichloromethane	0 0500	0 04644		mg/Kg		93	68 - 135	3	50
Bromoform	0.0500	0.04475		mg/Kg		90	36 - 150	5	50
Bromomethane	0.0500	0.04036		mg/Kg		81	43 - 142	1	50
Carbon disulfide	0.0500	0 04441		mg/Kg		89	74 - 135	4	50
Carbon tetrachloride	0.0500	0.04241		mg/Kg		85	70 - 141	4	50
Chlorobenzene	0.0500	0.04723		mg/Kg		94	84 - 125	2	50
Chlorodibromomethane	0 0500	0 04880		mg/Kg		98	66 - 134	2	50
Chloroethane	0 0500	0 04429		mg/Kg		89	53 - 144	5	50
Chloroform	0.0500	0.04768		mg/Kg		95	76 - 130	1	49
Chloromethane	0 0500	0 03064		mg/Kg		61	23 - 150	14	50
cis-1,2-Dichloroethene	0.0500	0.04684		mg/Kg		94	75 - 125	4	50
cis-1,3-Dichloropropene	0 0500	0 05290		mg/Kg		106	73 - 148	2	50
Dibromomethane	0.0500	0 04772		mg/Kg		95	71 - 130	4	50
Dichlorodifluoromethane	0.0500	0 03285		mg/Kg		66	12 - 144	3	50
Ethylbenzene	0.0500	0 04748		mg/Kg		95	80 - 134	2	50
Hexachlorobutadiene	0.0500	0.04294		mg/Kg		86	65 - 148	9	50
Isopropylbenzene	0.0500	0.05273		mg/Kg		105	80 - 150	3	50
Methyl tert-butyl ether	0.0500	0 05677		mg/Kg		114	70 - 136	1	50
Methylene Chloride	0.0500	0.04660		mg/Kg		93	68 - 144	2	50
Naphthalene	0 0500	0 05247		mg/Kg		105	69 - 150	3	50
n-Butylbenzene	0.0500	0.04636		mg/Kg		93	72 - 152	7	50
N-Propylbenzene	0.0500	0.04649		mg/Kg		93	75 - 137	2	50
p-Isopropyltoluene	0.0500	0 04694		mg/Kg		94	77 - 141	4	50
sec-Butylbenzene	0 0500	0 04757		mg/Kg		95	79 - 141	3	50
Styrene	0.0500	0 05060		mg/Kg		101	82 - 137	2	50
tert-Butylbenzene	0 0500	0.04851		mg/Kg		97	80 - 132	2	50
Tetrachloroethene	0 0500	0 04729		mg/Kg		95	78 - 140	4	50
Toluene	0 0500	0 04763		mg/Kg		95	80 - 132	2	50
trans-1,2-Dichloroethene	0 0500	0 04802		mg/Kg		96	76 - 128	2	50
trans-1,3-Dichloropropene	0 0500	0 05183		mg/Kg		104	62 - 139	2	50
Trichloroethene	0 0500	0 04662		mg/Kg		93	77 - 127	3	50
Trichlorofluoromethane	0 0500	0 04275		mg/Kg		85	50 - 140	3	50
Vinyl chloride	0 0500	0.04227		mg/Kg		85	47 - 136	2	50
Xylenes, Total	0.150	0.1408		mg/Kg		94	80 - 137	NaN	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 490-15844/6
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/28/12 12:17	1
1,1,1-Trichloroethane	ND		0.00200		mg/Kg			08/28/12 12 17	1
1,1,2,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/28/12 12.17	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg			08/28/12 12 17	1
1,1-Dichloroethane	ND		0 00200		mg/Kg			08/28/12 12:17	1
1,1-Dichloroethene	ND		0.00200		mg/Kg			08/28/12 12:17	1
1,1-Dichloropropene	ND		0 00200		mg/Kg			08/28/12 12:17	1
1,2,3-Trichlorobenzene	ND		0.00200		mg/Kg			08/28/12 12:17	1
1,2,3-Trichloropropane	ND		0 00200		mg/Kg			08/28/12 12:17	1
1,2,4-Trichlorobenzene	ND		0.00200		mg/Kg			08/28/12 12.17	1
1,2,4-Trimethylbenzene	ND		0 00200		mg/Kg			08/28/12 12 17	1
1,2-Dibromo-3-Chloropropane	ND		0.00500		mg/Kg			08/28/12 12 17	1
1,2-Dibromoethane (EDB)	ND		0.00200		mg/Kg			08/28/12 12 17	1
1,2-Dichlorobenzene	ND		0.00200		mg/Kg			08/28/12 12 17	1
1,2-Dichloroethane	ND		0.00200		mg/Kg			08/28/12 12 17	1
1,2-Dichloropropane	ND		0.00200		mg/Kg			08/28/12 12.17	1
1,3,5-Trimethylbenzene	ND		0.00200		mg/Kg			08/28/12 12:17	1
1,3-Dichlorobenzene	ND		0 00200		mg/Kg			08/28/12 12:17	1
1,3-Dichloropropane	ND		0 00200		mg/Kg			08/28/12 12 17	1
1,4-Dichlorobenzene	ND		0.00200		mg/Kg			08/28/12 12.17	1
2,2-Dichloropropane	ND		0.00200		mg/Kg			08/28/12 12:17	1
2-Butanone (MEK)	ND		0 0500		mg/Kg			08/28/12 12 17	1
2-Chlorotoluene	ND		0 00200		mg/Kg			08/28/12 12 17	1
2-Hexanone	ND		0.0500		mg/Kg			08/28/12 12.17	1
4-Chlorotoluene	ND		0.00200		mg/Kg			08/28/12 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		0 0500		mg/Kg			08/28/12 12 17	1
Acetone	ND		0.0500		mg/Kg			08/28/12 12.17	1
Benzene	ND		0 00200		mg/Kg			08/28/12 12 17	1
Bromobenzene	ND		0 00200		mg/Kg			08/28/12 12 17	1
Bromochloromethane	ND		0 00200		mg/Kg			08/28/12 12 17	1
Bromodichloromethane	ND		0 00200		mg/Kg			08/28/12 12 17	1
Bromoform	ND		0.00200		mg/Kg			08/28/12 12.17	1
Bromomethane	ND		0 00200		mg/Kg			08/28/12 12 17	1
Carbon disulfide	ND		0.00500		mg/Kg			08/28/12 12 17	1
Carbon tetrachloride	ND		0 00200		mg/Kg			08/28/12 12 17	1
Chlorobenzene	ND		0.00200		mg/Kg			08/28/12 12.17	1
Chlorodibromomethane	ND		0.00200		mg/Kg			08/28/12 12.17	1
Chloroethane	ND		0 00500		mg/Kg			08/28/12 12 17	1
Chloroform	0.009043		0.00200		mg/Kg			08/28/12 12:17	1
Chloromethane	ND		0 00200		mg/Kg			08/28/12 12 17	1
cis-1,2-Dichloroethene	ND		0 00200		mg/Kg			08/28/12 12.17	1
cis-1,3-Dichloropropene	ND		0.00200		mg/Kg			08/28/12 12:17	1
Dibromomethane	ND		0 00200		mg/Kg			08/28/12 12 17	1
Dichlorodifluoromethane	ND		0 00200		mg/Kg			08/28/12 12:17	1
Ethylbenzene	ND		0 00200		mg/Kg			08/28/12 12 17	1
Hexachlorobutadiene	ND		0 00500		mg/Kg			08/28/12 12 17	1
Isopropylbenzene	ND		0 00200		mg/Kg			08/28/12 12:17	1
Methyl tert-butyl ether	ND		0.00200		mg/Kg			08/28/12 12:17	1
Methylene Chloride	ND		0 0100		mg/Kg			08/28/12 12.17	1

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

Lab Sample ID: MB 490-15844/6
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg			08/28/12 12.17	1
n-Butylbenzene	ND		0 00200		mg/Kg			08/28/12 12 17	1
N-Propylbenzene	ND		0.00200		mg/Kg			08/28/12 12:17	1
p-Isopropyltoluene	ND		0 00200		mg/Kg			08/28/12 12:17	1
sec-Butylbenzene	ND		0 00200		mg/Kg			08/28/12 12 17	1
Styrene	ND		0.00200		mg/Kg			08/28/12 12.17	1
tert-Butylbenzene	ND		0.00200		mg/Kg			08/28/12 12:17	1
Tetrachloroethene	ND		0 00200		mg/Kg			08/28/12 12:17	1
Toluene	ND		0.00200		mg/Kg			08/28/12 12:17	1
trans-1,2-Dichloroethene	ND		0.00200		mg/Kg			08/28/12 12:17	1
trans-1,3-Dichloropropene	ND		0 00200		mg/Kg			08/28/12 12:17	1
Trichloroethene	ND		0.00200		mg/Kg			08/28/12 12:17	1
Trichlorofluoromethane	ND		0.00200		mg/Kg			08/28/12 12:17	1
Vinyl chloride	ND		0 00200		mg/Kg			08/28/12 12:17	1
Xylenes, Total	ND		0 00500		mg/Kg			08/28/12 12.17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*08/28/12 12:17*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/28/12 12:17*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*08/28/12 12:17*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/28/12 12:17*	*1*

Lab Sample ID: MB 490-15844/7
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 100		mg/Kg			08/28/12 12.48	1
1,1,1-Trichloroethane	ND		0.100		mg/Kg			08/28/12 12 48	1
1,1,2,2-Tetrachloroethane	ND		0 100		mg/Kg			08/28/12 12:48	1
1,1,2-Trichloroethane	ND		0 250		mg/Kg			08/28/12 12:48	1
1,1-Dichloroethane	ND		0.100		mg/Kg			08/28/12 12:48	1
1,1-Dichloroethene	ND		0.100		mg/Kg			08/28/12 12 48	1
1,1-Dichloropropene	ND		0.100		mg/Kg			08/28/12 12:48	1
1,2,3-Trichlorobenzene	ND		0.100		mg/Kg			08/28/12 12 48	1
1,2,3-Trichloropropane	ND		0.100		mg/Kg			08/28/12 12:48	1
1,2,4-Trichlorobenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
1,2,4-Trimethylbenzene	ND		0 100		mg/Kg			08/28/12 12:48	1
1,2-Dibromo-3-Chloropropane	ND		0 250		mg/Kg			08/28/12 12:48	1
1,2-Dibromoethane (EDB)	ND		0.100		mg/Kg			08/28/12 12:48	1
1,2-Dichlorobenzene	ND		0 100		mg/Kg			08/28/12 12.48	1
1,2-Dichloroethane	ND		0.100		mg/Kg			08/28/12 12 48	1
1,2-Dichloropropane	ND		0 100		mg/Kg			08/28/12 12:48	1
1,3,5-Trimethylbenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
1,3-Dichlorobenzene	ND		0.100		mg/Kg			08/28/12 12 48	1
1,3-Dichloropropane	ND		0.100		mg/Kg			08/28/12 12 48	1
1,4-Dichlorobenzene	ND		0 100		mg/Kg			08/28/12 12 48	1
2,2-Dichloropropane	ND		0 100		mg/Kg			08/28/12 12:48	1
2-Butanone (MEK)	ND		2 50		mg/Kg			08/28/12 12:48	1

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

Lab Sample ID: MB 490-15844/7
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0 100		mg/Kg			08/28/12 12.48	1
2-Hexanone	ND		2.50		mg/Kg			08/28/12 12:48	1
4-Chlorotoluene	ND		0.100		mg/Kg			08/28/12 12:48	1
4-Methyl-2-pentanone (MIBK)	ND		2 50		mg/Kg			08/28/12 12:48	1
Acetone	ND		2 50		mg/Kg			08/28/12 12:48	1
Benzene	ND		0.100		mg/Kg			08/28/12 12:48	1
Bromobenzene	ND		0 100		mg/Kg			08/28/12 12:48	1
Bromochloromethane	ND		0 100		mg/Kg			08/28/12 12:48	1
Bromodichloromethane	ND		0 100		mg/Kg			08/28/12 12:48	1
Bromoform	ND		0.100		mg/Kg			08/28/12 12:48	1
Bromomethane	ND		0 100		mg/Kg			08/28/12 12:48	1
Carbon disulfide	ND		0.250		mg/Kg			08/28/12 12:48	1
Carbon tetrachloride	ND		0 100		mg/Kg			08/28/12 12:48	1
Chlorobenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
Chlorodibromomethane	ND		0.100		mg/Kg			08/28/12 12:48	1
Chloroethane	ND		0.250		mg/Kg			08/28/12 12 48	1
Chloroform	0 3648		0.100		mg/Kg			08/28/12 12:48	1
Chloromethane	ND		0.100		mg/Kg			08/28/12 12.48	1
cis-1,2-Dichloroethene	ND		0.100		mg/Kg			08/28/12 12 48	1
cis-1,3-Dichloropropene	ND		0.100		mg/Kg			08/28/12 12 48	1
Dibromomethane	ND		0.100		mg/Kg			08/28/12 12 48	1
Dichlorodifluoromethane	ND		0.100		mg/Kg			08/28/12 12:48	1
Ethylbenzene	ND		0.100		mg/Kg			08/28/12 12.48	1
Hexachlorobutadiene	ND		0.250		mg/Kg			08/28/12 12.48	1
Isopropylbenzene	ND		0.100		mg/Kg			08/28/12 12.48	1
Methyl tert-butyl ether	ND		0.100		mg/Kg			08/28/12 12:48	1
Methylene Chloride	ND		0.500		mg/Kg			08/28/12 12.48	1
Naphthalene	ND		0.250		mg/Kg			08/28/12 12:48	1
n-Butylbenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
N-Propylbenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
p-Isopropyltoluene	ND		0.100		mg/Kg			08/28/12 12 48	1
sec-Butylbenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
Styrene	ND		0.100		mg/Kg			08/28/12 12:48	1
tert-Butylbenzene	ND		0.100		mg/Kg			08/28/12 12:48	1
Tetrachloroethene	ND		0.100		mg/Kg			08/28/12 12:48	1
Toluene	ND		0 100		mg/Kg			08/28/12 12 48	1
trans-1,2-Dichloroethene	ND		0 100		mg/Kg			08/28/12 12:48	1
trans-1,3-Dichloropropene	ND		0.100		mg/Kg			08/28/12 12 48	1
Trichloroethene	ND		0 100		mg/Kg			08/28/12 12:48	1
Trichlorofluoromethane	ND		0 100		mg/Kg			08/28/12 12 48	1
Vinyl chloride	ND		0.100		mg/Kg			08/28/12 12.48	1
Xylenes, Total	ND		0 250		mg/Kg			08/28/12 12 48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*08/28/12 12.48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/28/12 12.48*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*08/28/12 12.48*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/28/12 12:48*	*1*

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

Lab Sample ID: LCS 490-15844/3
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.04862		mg/Kg		97	80 - 136
1,1,1-Trichloroethane	0 0500	0 05154		mg/Kg		103	72 - 140
1,1,2,2-Tetrachloroethane	0 0500	0 05190		mg/Kg		104	66 - 134
1,1,2-Trichloroethane	0 0500	0.05460		mg/Kg		109	78 - 128
1,1-Dichloroethane	0 0500	0 05199		mg/Kg		104	75 - 124
1,1-Dichloroethene	0.0500	0 05241		mg/Kg		105	75 - 131
1,1-Dichloropropene	0.0500	0 05158		mg/Kg		103	79 - 127
1,2,3-Trichlorobenzene	0.0500	0 05604		mg/Kg		112	70 - 150
1,2,3-Trichloropropane	0 0500	0 04961		mg/Kg		99	65 - 139
1,2,4-Trichlorobenzene	0.0500	0 05902		mg/Kg		118	62 - 150
1,2,4-Trimethylbenzene	0 0500	0.05047		mg/Kg		101	77 - 139
1,2-Dibromo-3-Chloropropane	0 0500	0.03903		mg/Kg		78	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0 05279		mg/Kg		106	80 - 135
1,2-Dichlorobenzene	0.0500	0.05160		mg/Kg		103	80 - 134
1,2-Dichloroethane	0.0500	0.05202		mg/Kg		104	65 - 134
1,2-Dichloropropane	0.0500	0 04817		mg/Kg		96	69 - 120
1,3,5-Trimethylbenzene	0.0500	0 05210		mg/Kg		104	78 - 138
1,3-Dichlorobenzene	0.0500	0 05408		mg/Kg		108	79 - 137
1,3-Dichloropropane	0.0500	0 05633		mg/Kg		113	78 - 126
1,4-Dichlorobenzene	0.0500	0 05561		mg/Kg		111	77 - 139
2,2-Dichloropropane	0.0500	0 04888		mg/Kg		98	68 - 145
2-Butanone (MEK)	0 250	0 2527		mg/Kg		101	61 - 132
2-Chlorotoluene	0.0500	0.05193		mg/Kg		104	78 - 132
2-Hexanone	0 250	0.2836		mg/Kg		113	57 - 148
4-Chlorotoluene	0 0500	0.05471		mg/Kg		109	77 - 138
4-Methyl-2-pentanone (MIBK)	0 250	0 2367		mg/Kg		95	59 - 138
Acetone	0 250	0 2323		mg/Kg		93	51 - 149
Benzene	0 0500	0 05203		mg/Kg		104	75 - 127
Bromobenzene	0 0500	0 05166		mg/Kg		103	75 - 130
Bromochloromethane	0 0500	0.05342		mg/Kg		107	70 - 132
Bromodichloromethane	0 0500	0 04809		mg/Kg		96	68 - 135
Bromoform	0.0500	0 04205		mg/Kg		84	36 - 150
Bromomethane	0 0500	0 05442		mg/Kg		109	43 - 142
Carbon disulfide	0.0500	0.04878		mg/Kg		98	74 - 135
Carbon tetrachloride	0 0500	0.05031		mg/Kg		101	70 - 141
Chlorobenzene	0.0500	0.05174		mg/Kg		103	84 - 125
Chlorodibromomethane	0.0500	0.04863		mg/Kg		97	66 - 134
Chloroethane	0 0500	0.05179		mg/Kg		104	53 - 144
Chloroform	0 0500	0 05422		mg/Kg		108	76 - 130
Chloromethane	0.0500	0 04206		mg/Kg		84	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05081		mg/Kg		102	75 - 125
cis-1,3-Dichloropropene	0.0500	0 04887		mg/Kg		98	73 - 148
Dibromomethane	0.0500	0 04957		mg/Kg		99	71 - 130
Dichlorodifluoromethane	0 0500	0.03699		mg/Kg		74	12 - 144
Ethylbenzene	0.0500	0 05209		mg/Kg		104	80 - 134
Hexachlorobutadiene	0 0500	0.05121		mg/Kg		102	65 - 148
Isopropylbenzene	0 0500	0.05370		mg/Kg		107	80 - 150
Methyl tert-butyl ether	0 0500	0.05005		mg/Kg		100	70 - 136
Methylene Chloride	0.0500	0 04906		mg/Kg		98	68 - 144

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

Lab Sample ID: LCS 490-15844/3
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	0 0500	0 05300		mg/Kg		106	69 - 150
n-Butylbenzene	0.0500	0 05247		mg/Kg		105	72 - 152
N-Propylbenzene	0 0500	0.05155		mg/Kg		103	75 - 137
p-Isopropyltoluene	0 0500	0.05095		mg/Kg		102	77 - 141
sec-Butylbenzene	0.0500	0 05219		mg/Kg		104	79 - 141
Styrene	0.0500	0 05273		mg/Kg		105	82 - 137
tert-Butylbenzene	0 0500	0.05127		mg/Kg		103	80 - 132
Tetrachloroethene	0.0500	0.05484		mg/Kg		110	78 - 140
Toluene	0.0500	0.04919		mg/Kg		98	80 - 132
trans-1,2-Dichloroethene	0 0500	0.05173		mg/Kg		103	76 - 128
trans-1,3-Dichloropropene	0 0500	0.05205		mg/Kg		104	62 - 139
Trichloroethene	0 0500	0.05214		mg/Kg		104	77 - 127
Trichlorofluoromethane	0 0500	0.04888		mg/Kg		98	50 - 140
Vinyl chloride	0.0500	0.04653		mg/Kg		93	47 - 136
Xylenes, Total	0 150	0.1551		mg/Kg		103	80 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 490-15844/4
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0 0500	0 04680		mg/Kg		94	80 - 136	4	50
1,1,1-Trichloroethane	0 0500	0.04785		mg/Kg		96	72 - 140	7	50
1,1,2,2-Tetrachloroethane	0 0500	0.04549		mg/Kg		91	66 - 134	13	50
1,1,2-Trichloroethane	0.0500	0.04768		mg/Kg		95	78 - 128	14	50
1,1-Dichloroethane	0.0500	0.04839		mg/Kg		97	75 - 124	7	50
1,1-Dichloroethene	0.0500	0 04847		mg/Kg		97	75 - 131	8	50
1,1-Dichloropropene	0.0500	0 04748		mg/Kg		95	79 - 127	8	50
1,2,3-Trichlorobenzene	0.0500	0.05057		mg/Kg		101	70 - 150	10	50
1,2,3-Trichloropropane	0.0500	0 04609		mg/Kg		92	65 - 139	7	50
1,2,4-Trichlorobenzene	0 0500	0.05293		mg/Kg		106	62 - 150	11	50
1,2,4-Trimethylbenzene	0 0500	0.04451		mg/Kg		89	77 - 139	13	50
1,2-Dibromo-3-Chloropropane	0 0500	0.03613		mg/Kg		72	49 - 142	8	50
1,2-Dibromoethane (EDB)	0.0500	0.04800		mg/Kg		96	80 - 135	10	50
1,2-Dichlorobenzene	0.0500	0 04817		mg/Kg		96	80 - 134	7	50
1,2-Dichloroethane	0.0500	0.04770		mg/Kg		95	65 - 134	9	50
1,2-Dichloropropane	0.0500	0 04465		mg/Kg		89	69 - 120	8	50
1,3,5-Trimethylbenzene	0 0500	0.04601		mg/Kg		92	78 - 138	12	50
1,3-Dichlorobenzene	0 0500	0 04849		mg/Kg		97	79 - 137	11	50
1,3-Dichloropropane	0.0500	0.04752		mg/Kg		95	78 - 126	17	42
1,4-Dichlorobenzene	0 0500	0.05060		mg/Kg		101	77 - 139	9	50
2,2-Dichloropropane	0.0500	0.04516		mg/Kg		90	68 - 145	8	50
2-Butanone (MEK)	0 250	0 2273		mg/Kg		91	61 - 132	11	50

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

Lab Sample ID: LCSD 490-15844/4
Matrix: Solid
Analysis Batch: 15844

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	0 0500	0.04571		mg/Kg		91	78 - 132	13	50
2-Hexanone	0.250	0 2290		mg/Kg		92	57 - 148	21	50
4-Chlorotoluene	0.0500	0.04821		mg/Kg		96	77 - 138	13	50
4-Methyl-2-pentanone (MIBK)	0.250	0 2317		mg/Kg		93	59 - 138	2	50
Acetone	0 250	0.2128		mg/Kg		85	51 - 149	9	50
Benzene	0.0500	0.04839		mg/Kg		97	75 - 127	7	50
Bromobenzene	0.0500	0 04680		mg/Kg		94	75 - 130	10	50
Bromochloromethane	0 0500	0.04994		mg/Kg		100	70 - 132	7	50
Bromodichloromethane	0.0500	0 04464		mg/Kg		89	68 - 135	7	50
Bromoform	0.0500	0.04153		mg/Kg		83	36 - 150	1	50
Bromomethane	0 0500	0 05147		mg/Kg		103	43 - 142	6	50
Carbon disulfide	0.0500	0 04500		mg/Kg		90	74 - 135	8	50
Carbon tetrachloride	0.0500	0.04678		mg/Kg		94	70 - 141	7	50
Chlorobenzene	0.0500	0.04840		mg/Kg		97	84 - 125	7	50
Chlorodibromomethane	0.0500	0.04500		mg/Kg		90	66 - 134	8	50
Chloroethane	0 0500	0 04806		mg/Kg		96	53 - 144	7	50
Chloroform	0.0500	0.05044		mg/Kg		101	76 - 130	7	49
Chloromethane	0 0500	0 03826		mg/Kg		77	23 - 150	9	50
cis-1,2-Dichloroethene	0 0500	0 04728		mg/Kg		95	75 - 125	7	50
cis-1,3-Dichloropropene	0.0500	0 04853		mg/Kg		97	73 - 148	1	50
Dibromomethane	0 0500	0 04558		mg/Kg		91	71 - 130	8	50
Dichlorodifluoromethane	0 0500	0.03284		mg/Kg		66	12 - 144	12	50
Ethylbenzene	0 0500	0 04780		mg/Kg		96	80 - 134	9	50
Hexachlorobutadiene	0.0500	0.04538		mg/Kg		91	65 - 148	12	50
Isopropylbenzene	0.0500	0 05116		mg/Kg		102	80 - 150	5	50
Methyl tert-butyl ether	0.0500	0 04556		mg/Kg		91	70 - 136	9	50
Methylene Chloride	0.0500	0 04549		mg/Kg		91	68 - 144	8	50
Naphthalene	0.0500	0.04829		mg/Kg		97	69 - 150	9	50
n-Butylbenzene	0.0500	0 04557		mg/Kg		91	72 - 152	14	50
N-Propylbenzene	0 0500	0.04458		mg/Kg		89	75 - 137	15	50
p-Isopropyltoluene	0.0500	0 04458		mg/Kg		89	77 - 141	13	50
sec-Butylbenzene	0.0500	0.04548		mg/Kg		91	79 - 141	14	50
Styrene	0.0500	0.04992		mg/Kg		100	82 - 137	5	50
tert-Butylbenzene	0 0500	0.04567		mg/Kg		91	80 - 132	12	50
Tetrachloroethene	0.0500	0.04942		mg/Kg		99	78 - 140	10	50
Toluene	0 0500	0.04908		mg/Kg		98	80 - 132	0	50
trans-1,2-Dichloroethene	0.0500	0 04805		mg/Kg		96	76 - 128	7	50
trans-1,3-Dichloropropene	0.0500	0 04375		mg/Kg		87	62 - 139	17	50
Trichloroethene	0.0500	0.04792		mg/Kg		96	77 - 127	8	50
Trichlorofluoromethane	0.0500	0 04495		mg/Kg		90	50 - 140	8	50
Vinyl chloride	0 0500	0.04299		mg/Kg		86	47 - 136	8	50
Xylenes, Total	0.150	0.1431		mg/Kg		95	80 - 137	8	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 490-16146/6
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,1,1-Trichloroethane	ND		0.00200		mg/Kg			08/29/12 11.19	1
1,1,2,2-Tetrachloroethane	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg			08/29/12 11 19	1
1,1-Dichloroethane	ND		0.00200		mg/Kg			08/29/12 11 19	1
1,1-Dichloroethene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,1-Dichloropropene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2,3-Trichlorobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2,3-Trichloropropane	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2,4-Trichlorobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2,4-Trimethylbenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2-Dibromo-3-Chloropropane	ND		0.00500		mg/Kg			08/29/12 11:19	1
1,2-Dibromoethane (EDB)	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2-Dichlorobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2-Dichloroethane	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,2-Dichloropropane	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,3,5-Trimethylbenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,3-Dichlorobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,3-Dichloropropane	ND		0.00200		mg/Kg			08/29/12 11:19	1
1,4-Dichlorobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
2,2-Dichloropropane	ND		0.00200		mg/Kg			08/29/12 11 19	1
2-Butanone (MEK)	ND		0.0500		mg/Kg			08/29/12 11:19	1
2-Chlorotoluene	ND		0.00200		mg/Kg			08/29/12 11:19	1
2-Hexanone	ND		0.0500		mg/Kg			08/29/12 11:19	1
4-Chlorotoluene	ND		0.00200		mg/Kg			08/29/12 11:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.0500		mg/Kg			08/29/12 11:19	1
Acetone	ND		0.0500		mg/Kg			08/29/12 11:19	1
Benzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Bromobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Bromochloromethane	ND		0.00200		mg/Kg			08/29/12 11:19	1
Bromodichloromethane	0.002714		0.00200		mg/Kg			08/29/12 11.19	1
Bromoform	ND		0.00200		mg/Kg			08/29/12 11:19	1
Bromomethane	ND		0.00200		mg/Kg			08/29/12 11:19	1
Carbon disulfide	ND		0.00500		mg/Kg			08/29/12 11:19	1
Carbon tetrachloride	ND		0.00200		mg/Kg			08/29/12 11:19	1
Chlorobenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Chlorodibromomethane	ND		0.00200		mg/Kg			08/29/12 11:19	1
Chloroethane	ND		0.00500		mg/Kg			08/29/12 11 19	1
Chloroform	0.01212		0.00200		mg/Kg			08/29/12 11:19	1
Chloromethane	ND		0.00200		mg/Kg			08/29/12 11.19	1
cis-1,2-Dichloroethene	ND		0.00200		mg/Kg			08/29/12 11:19	1
cis-1,3-Dichloropropene	ND		0.00200		mg/Kg			08/29/12 11 19	1
Dibromomethane	ND		0.00200		mg/Kg			08/29/12 11.19	1
Dichlorodifluoromethane	ND		0.00200		mg/Kg			08/29/12 11 19	1
Ethylbenzene	ND		0.00200		mg/Kg			08/29/12 11.19	1
Hexachlorobutadiene	ND		0.00500		mg/Kg			08/29/12 11.19	1
Isopropylbenzene	ND		0.00200		mg/Kg			08/29/12 11 19	1
Methyl tert-butyl ether	ND		0.00200		mg/Kg			08/29/12 11 19	1
Methylene Chloride	ND		0.0100		mg/Kg			08/29/12 11 19	1

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

Lab Sample ID: MB 490-16146/6
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg			08/29/12 11:19	1
n-Butylbenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
N-Propylbenzene	ND		0.00200		mg/Kg			08/29/12 11 19	1
p-Isopropyltoluene	ND		0.00200		mg/Kg			08/29/12 11:19	1
sec-Butylbenzene	ND		0.00200		mg/Kg			08/29/12 11·19	1
Styrene	ND		0.00200		mg/Kg			08/29/12 11 19	1
tert-Butylbenzene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Tetrachloroethene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Toluene	ND		0.00200		mg/Kg			08/29/12 11·19	1
trans-1,2-Dichloroethene	ND		0.00200		mg/Kg			08/29/12 11·19	1
trans-1,3-Dichloropropene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Trichloroethene	ND		0.00200		mg/Kg			08/29/12 11:19	1
Trichlorofluoromethane	ND		0.00200		mg/Kg			08/29/12 11.19	1
Vinyl chloride	ND		0.00200		mg/Kg			08/29/12 11:19	1
Xylenes, Total	ND		0.00500		mg/Kg			08/29/12 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/12 11.19*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*08/29/12 11:19*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*08/29/12 11:19*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/29/12 11:19*	*1*

Lab Sample ID: MB 490-16146/7
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0 100		mg/Kg			08/29/12 11:48	1
1,1,1-Trichloroethane	ND		0 100		mg/Kg			08/29/12 11:48	1
1,1,2,2-Tetrachloroethane	ND		0.100		mg/Kg			08/29/12 11 48	1
1,1,2-Trichloroethane	ND		0.250		mg/Kg			08/29/12 11 48	1
1,1-Dichloroethane	ND		0 100		mg/Kg			08/29/12 11:48	1
1,1-Dichloroethene	ND		0.100		mg/Kg			08/29/12 11:48	1
1,1-Dichloropropene	ND		0 100		mg/Kg			08/29/12 11:48	1
1,2,3-Trichlorobenzene	ND		0 100		mg/Kg			08/29/12 11:48	1
1,2,3-Trichloropropane	ND		0.100		mg/Kg			08/29/12 11:48	1
1,2,4-Trichlorobenzene	ND		0 100		mg/Kg			08/29/12 11 48	1
1,2,4-Trimethylbenzene	ND		0 100		mg/Kg			08/29/12 11 48	1
1,2-Dibromo-3-Chloropropane	ND		0.250		mg/Kg			08/29/12 11:48	1
1,2-Dibromoethane (EDB)	ND		0.100		mg/Kg			08/29/12 11 48	1
1,2-Dichlorobenzene	ND		0 100		mg/Kg			08/29/12 11 48	1
1,2-Dichloroethane	ND		0 100		mg/Kg			08/29/12 11:48	1
1,2-Dichloropropane	ND		0.100		mg/Kg			08/29/12 11:48	1
1,3,5-Trimethylbenzene	ND		0.100		mg/Kg			08/29/12 11:48	1
1,3-Dichlorobenzene	ND		0 100		mg/Kg			08/29/12 11 48	1
1,3-Dichloropropane	ND		0 100		mg/Kg			08/29/12 11·48	1
1,4-Dichlorobenzene	ND		0 100		mg/Kg			08/29/12 11.48	1
2,2-Dichloropropane	ND		0.100		mg/Kg			08/29/12 11 48	1
2-Butanone (MEK)	ND		2 50		mg/Kg			08/29/12 11 48	1

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

Lab Sample ID: MB 490-16146/7
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.100		mg/Kg			08/29/12 11:48	1
2-Hexanone	ND		2 50		mg/Kg			08/29/12 11 48	1
4-Chlorotoluene	ND		0.100		mg/Kg			08/29/12 11 48	1
4-Methyl-2-pentanone (MIBK)	ND		2.50		mg/Kg			08/29/12 11 48	1
Acetone	ND		2.50		mg/Kg			08/29/12 11 48	1
Benzene	ND		0.100		mg/Kg			08/29/12 11:48	1
Bromobenzene	ND		0 100		mg/Kg			08/29/12 11:48	1
Bromochloromethane	ND		0.100		mg/Kg			08/29/12 11:48	1
Bromodichloromethane	0.1191		0 100		mg/Kg			08/29/12 11:48	1
Bromoform	ND		0.100		mg/Kg			08/29/12 11:48	1
Bromomethane	ND		0.100		mg/Kg			08/29/12 11 48	1
Carbon disulfide	ND		0.250		mg/Kg			08/29/12 11 48	1
Carbon tetrachloride	ND		0.100		mg/Kg			08/29/12 11.48	1
Chlorobenzene	ND		0.100		mg/Kg			08/29/12 11 48	1
Chlorodibromomethane	ND		0.100		mg/Kg			08/29/12 11:48	1
Chloroethane	ND		0.250		mg/Kg			08/29/12 11:48	1
Chloroform	0.5480		0 100		mg/Kg			08/29/12 11:48	1
Chloromethane	ND		0 100		mg/Kg			08/29/12 11.48	1
cis-1,2-Dichloroethene	ND		0.100		mg/Kg			08/29/12 11:48	1
cis-1,3-Dichloropropene	ND		0.100		mg/Kg			08/29/12 11 48	1
Dibromomethane	ND		0 100		mg/Kg			08/29/12 11 48	1
Dichlorodifluoromethane	ND		0 100		mg/Kg			08/29/12 11 48	1
Ethylbenzene	ND		0 100		mg/Kg			08/29/12 11:48	1
Hexachlorobutadiene	ND		0 250		mg/Kg			08/29/12 11.48	1
Isopropylbenzene	ND		0.100		mg/Kg			08/29/12 11 48	1
Methyl tert-butyl ether	ND		0 100		mg/Kg			08/29/12 11 48	1
Methylene Chloride	ND		0.500		mg/Kg			08/29/12 11:48	1
Naphthalene	ND		0.250		mg/Kg			08/29/12 11 48	1
n-Butylbenzene	ND		0 100		mg/Kg			08/29/12 11 48	1
N-Propylbenzene	ND		0 100		mg/Kg			08/29/12 11 48	1
p-Isopropyltoluene	ND		0 100		mg/Kg			08/29/12 11 48	1
sec-Butylbenzene	ND		0.100		mg/Kg			08/29/12 11 48	1
Styrene	ND		0.100		mg/Kg			08/29/12 11.48	1
tert-Butylbenzene	ND		0.100		mg/Kg			08/29/12 11:48	1
Tetrachloroethene	ND		0.100		mg/Kg			08/29/12 11 48	1
Toluene	ND		0 100		mg/Kg			08/29/12 11.48	1
trans-1,2-Dichloroethene	ND		0.100		mg/Kg			08/29/12 11 48	1
trans-1,3-Dichloropropene	ND		0.100		mg/Kg			08/29/12 11:48	1
Trichloroethene	ND		0.100		mg/Kg			08/29/12 11:48	1
Trichlorofluoromethane	ND		0 100		mg/Kg			08/29/12 11 48	1
Vinyl chloride	ND		0 100		mg/Kg			08/29/12 11:48	1
Xylenes, Total	ND		0 250		mg/Kg			08/29/12 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*08/29/12 11.48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*08/29/12 11:48*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*08/29/12 11:48*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/29/12 11:48*	*1*

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

Lab Sample ID: LCS 490-16146/3
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0 0500	0 04692		mg/Kg		94	80 - 136
1,1,1-Trichloroethane	0 0500	0 04826		mg/Kg		97	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04965		mg/Kg		99	66 - 134
1,1,2-Trichloroethane	0.0500	0.05236		mg/Kg		105	78 - 128
1,1-Dichloroethane	0.0500	0.04911		mg/Kg		98	75 - 124
1,1-Dichloroethene	0.0500	0.04814		mg/Kg		96	75 - 131
1,1-Dichloropropene	0.0500	0.04761		mg/Kg		95	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05130		mg/Kg		103	70 - 150
1,2,3-Trichloropropane	0 0500	0 05011		mg/Kg		100	65 - 139
1,2,4-Trichlorobenzene	0 0500	0.05199		mg/Kg		104	62 - 150
1,2,4-Trimethylbenzene	0 0500	0 04795		mg/Kg		96	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0 04395		mg/Kg		88	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.05156		mg/Kg		103	80 - 135
1,2-Dichlorobenzene	0.0500	0.04995		mg/Kg		100	80 - 134
1,2-Dichloroethane	0 0500	0.05003		mg/Kg		100	65 - 134
1,2-Dichloropropane	0.0500	0 04736		mg/Kg		95	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04888		mg/Kg		98	78 - 138
1,3-Dichlorobenzene	0.0500	0.04923		mg/Kg		98	79 - 137
1,3-Dichloropropane	0.0500	0.05130		mg/Kg		103	78 - 126
1,4-Dichlorobenzene	0.0500	0.04901		mg/Kg		98	77 - 139
2,2-Dichloropropane	0.0500	0.04945		mg/Kg		99	68 - 145
2-Butanone (MEK)	0 250	0.1965		mg/Kg		79	61 - 132
2-Chlorotoluene	0.0500	0.04697		mg/Kg		94	78 - 132
2-Hexanone	0.250	0.2407		mg/Kg		96	57 - 148
4-Chlorotoluene	0 0500	0.04812		mg/Kg		96	77 - 138
4-Methyl-2-pentanone (MIBK)	0 250	0 2513		mg/Kg		101	59 - 138
Acetone	0.250	0.1821		mg/Kg		73	51 - 149
Benzene	0 0500	0.04734		mg/Kg		95	75 - 127
Bromobenzene	0 0500	0.04575		mg/Kg		91	75 - 130
Bromochloromethane	0 0500	0.05161		mg/Kg		103	70 - 132
Bromodichloromethane	0 0500	0.04662		mg/Kg		93	68 - 135
Bromoform	0.0500	0.04284		mg/Kg		86	36 - 150
Bromomethane	0 0500	0.04133		mg/Kg		83	43 - 142
Carbon disulfide	0.0500	0.04314		mg/Kg		86	74 - 135
Carbon tetrachloride	0.0500	0 04326		mg/Kg		87	70 - 141
Chlorobenzene	0.0500	0.04805		mg/Kg		96	84 - 125
Chlorodibromomethane	0.0500	0.04772		mg/Kg		95	66 - 134
Chloroethane	0.0500	0.04448		mg/Kg		89	53 - 144
Chloroform	0.0500	0 04814		mg/Kg		96	76 - 130
Chloromethane	0 0500	0 04039		mg/Kg		81	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04792		mg/Kg		96	75 - 125
cis-1,3-Dichloropropene	0 0500	0 05296		mg/Kg		106	73 - 148
Dibromomethane	0 0500	0 04842		mg/Kg		97	71 - 130
Dichlorodifluoromethane	0.0500	0.04382		mg/Kg		88	12 - 144
Ethylbenzene	0.0500	0 04880		mg/Kg		98	80 - 134
Hexachlorobutadiene	0 0500	0 04817		mg/Kg		96	65 - 148
Isopropylbenzene	0 0500	0 05346		mg/Kg		107	80 - 150
Methyl tert-butyl ether	0.0500	0.05606		mg/Kg		112	70 - 136
Methylene Chloride	0.0500	0.04750		mg/Kg		95	68 - 144

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

Lab Sample ID: LCS 490-16146/3
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	0.0500	0 05168		mg/Kg		103	69 - 150
n-Butylbenzene	0.0500	0 04801		mg/Kg		96	72 - 152
N-Propylbenzene	0.0500	0.04687		mg/Kg		94	75 - 137
p-Isopropyltoluene	0.0500	0 04850		mg/Kg		97	77 - 141
sec-Butylbenzene	0.0500	0 04835		mg/Kg		97	79 - 141
Styrene	0.0500	0.05207		mg/Kg		104	82 - 137
tert-Butylbenzene	0.0500	0 04897		mg/Kg		98	80 - 132
Tetrachloroethene	0.0500	0 04928		mg/Kg		99	78 - 140
Toluene	0.0500	0 04795		mg/Kg		96	80 - 132
trans-1,2-Dichloroethene	0.0500	0.04854		mg/Kg		97	76 - 128
trans-1,3-Dichloropropene	0.0500	0 05119		mg/Kg		102	62 - 139
Trichloroethene	0.0500	0.04786		mg/Kg		96	77 - 127
Trichlorofluoromethane	0.0500	0 04366		mg/Kg		87	50 - 140
Vinyl chloride	0.0500	0.04509		mg/Kg		90	47 - 136
Xylenes, Total	0 150	0.1468		mg/Kg		98	80 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 490-16146/4
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.04703		mg/Kg		94	80 - 136	0	50
1,1,1-Trichloroethane	0.0500	0 05000		mg/Kg		100	72 - 140	4	50
1,1,2,2-Tetrachloroethane	0.0500	0.04868		mg/Kg		97	66 - 134	2	50
1,1,2-Trichloroethane	0.0500	0 05198		mg/Kg		104	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.05085		mg/Kg		102	75 - 124	3	50
1,1-Dichloroethene	0.0500	0.04915		mg/Kg		98	75 - 131	2	50
1,1-Dichloropropene	0.0500	0.04912		mg/Kg		98	79 - 127	3	50
1,2,3-Trichlorobenzene	0.0500	0 04940		mg/Kg		99	70 - 150	4	50
1,2,3-Trichloropropane	0 0500	0 04952		mg/Kg		99	65 - 139	1	50
1,2,4-Trichlorobenzene	0.0500	0 04867		mg/Kg		97	62 - 150	7	50
1,2,4-Trimethylbenzene	0.0500	0 04767		mg/Kg		95	77 - 139	1	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04402		mg/Kg		88	49 - 142	0	50
1,2-Dibromoethane (EDB)	0.0500	0 05096		mg/Kg		102	80 - 135	1	50
1,2-Dichlorobenzene	0.0500	0.04961		mg/Kg		99	80 - 134	1	50
1,2-Dichloroethane	0 0500	0.04976		mg/Kg		100	65 - 134	1	50
1,2-Dichloropropane	0 0500	0.04792		mg/Kg		96	69 - 120	1	50
1,3,5-Trimethylbenzene	0.0500	0 04911		mg/Kg		98	78 - 138	0	50
1,3-Dichlorobenzene	0 0500	0.04887		mg/Kg		98	79 - 137	1	50
1,3-Dichloropropane	0.0500	0.05151		mg/Kg		103	78 - 126	0	42
1,4-Dichlorobenzene	0.0500	0 04846		mg/Kg		97	77 - 139	1	50
2,2-Dichloropropane	0 0500	0 04984		mg/Kg		100	68 - 145	1	50
2-Butanone (MEK)	0 250	0.2109		mg/Kg		84	61 - 132	7	50

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

Lab Sample ID: LCSD 490-16146/4
Matrix: Solid
Analysis Batch: 16146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	0 0500	0.04817		mg/Kg		96	78 - 132	3	50
2-Hexanone	0.250	0 2338		mg/Kg		94	57 - 148	3	50
4-Chlorotoluene	0.0500	0.04831		mg/Kg		97	77 - 138	0	50
4-Methyl-2-pentanone (MIBK)	0 250	0.2399		mg/Kg		96	59 - 138	5	50
Acetone	0 250	0 1920		mg/Kg		77	51 - 149	5	50
Benzene	0.0500	0.04818		mg/Kg		96	75 - 127	2	50
Bromobenzene	0.0500	0.04857		mg/Kg		97	75 - 130	6	50
Bromochloromethane	0 0500	0.05260		mg/Kg		105	70 - 132	2	50
Bromodichloromethane	0.0500	0.04666		mg/Kg		93	68 - 135	0	50
Bromoform	0.0500	0.03996		mg/Kg		80	36 - 150	7	50
Bromomethane	0.0500	0 04271		mg/Kg		85	43 - 142	3	50
Carbon disulfide	0.0500	0 04431		mg/Kg		89	74 - 135	3	50
Carbon tetrachloride	0 0500	0.04390		mg/Kg		88	70 - 141	1	50
Chlorobenzene	0 0500	0.04854		mg/Kg		97	84 - 125	1	50
Chlorodibromomethane	0.0500	0.04635		mg/Kg		93	66 - 134	3	50
Chloroethane	0 0500	0.04512		mg/Kg		90	53 - 144	1	50
Chloroform	0 0500	0.04933		mg/Kg		99	76 - 130	2	49
Chloromethane	0.0500	0 04019		mg/Kg		80	23 - 150	0	50
cis-1,2-Dichloroethene	0.0500	0 04956		mg/Kg		99	75 - 125	3	50
cis-1,3-Dichloropropene	0.0500	0 05167		mg/Kg		103	73 - 148	2	50
Dibromomethane	0.0500	0 04972		mg/Kg		99	71 - 130	3	50
Dichlorodifluoromethane	0 0500	0 04328		mg/Kg		87	12 - 144	1	50
Ethylbenzene	0.0500	0.04882		mg/Kg		98	80 - 134	0	50
Hexachlorobutadiene	0 0500	0 04604		mg/Kg		92	65 - 148	5	50
Isopropylbenzene	0 0500	0 05099		mg/Kg		102	80 - 150	5	50
Methyl tert-butyl ether	0 0500	0.05616		mg/Kg		112	70 - 136	0	50
Methylene Chloride	0.0500	0.05006		mg/Kg		100	68 - 144	5	50
Naphthalene	0 0500	0.04990		mg/Kg		100	69 - 150	4	50
n-Butylbenzene	0 0500	0 04721		mg/Kg		94	72 - 152	2	50
N-Propylbenzene	0.0500	0 04674		mg/Kg		93	75 - 137	0	50
p-Isopropyltoluene	0.0500	0 04804		mg/Kg		96	77 - 141	1	50
sec-Butylbenzene	0.0500	0.04829		mg/Kg		97	79 - 141	0	50
Styrene	0.0500	0 05137		mg/Kg		103	82 - 137	1	50
tert-Butylbenzene	0 0500	0.04965		mg/Kg		99	80 - 132	1	50
Tetrachloroethene	0 0500	0 04813		mg/Kg		96	78 - 140	2	50
Toluene	0 0500	0.04845		mg/Kg		97	80 - 132	1	50
trans-1,2-Dichloroethene	0.0500	0 04971		mg/Kg		99	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.05110		mg/Kg		102	62 - 139	0	50
Trichloroethene	0 0500	0.04897		mg/Kg		98	77 - 127	2	50
Trichlorofluoromethane	0 0500	0 04520		mg/Kg		90	50 - 140	3	50
Vinyl chloride	0 0500	0 04649		mg/Kg		93	47 - 136	3	50
Xylenes, Total	0.150	0 1467		mg/Kg		98	80 - 137	0	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Method: Moisture - Percent Moisture

Lab Sample ID: 490-4968-1 DU
Matrix: Solid
Analysis Batch: 15385

Client Sample ID: DPT-1 (1-3')
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	85			85		%				0.7	20

Lab Sample ID: 490-4968-21 DU
Matrix: Solid
Analysis Batch: 15393

Client Sample ID: DPT-21 (2-3')
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	98			98		%				0.5	20

QC Association Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

GC/MS VOA

Analysis Batch: 15302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4952-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
490-4952-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
490-4968-30	RINSE BAILER	Total/NA	Water	8260B	
490-4968-31	RINSE H.A	Total/NA	Water	8260B	
490-4968-32	RINSE DPT SLEEVE	Total/NA	Water	8260B	
490-4968-35	MWT-4	Total/NA	Water	8260B	
490-4968-38	DUP-2	Total/NA	Water	8260B	
490-4968-39	TRIP BLANK	Total/NA	Water	8260B	
LCS 490-15302/3	Lab Control Sample	Total/NA	Water	8260B	
MB 490-15302/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 15622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-1	DPT-1 (1-3')	Total/NA	Solid	8260B	15714
490-4968-2	DPT-2 (1-3')	Total/NA	Solid	8260B	15714
490-4968-3	DPT-3 (1-2')	Total/NA	Solid	8260B	15714
490-4968-6	DPT-6 (5-6')	Total/NA	Solid	8260B	15714
490-4968-7	DPT-7 (4-5')	Total/NA	Solid	8260B	15714
490-4968-9	DPT-9 (2-3')	Total/NA	Solid	8260B	15714
490-4968-10	DPT-10 (2')	Total/NA	Solid	8260B	15714
490-4968-11	DPT-11 (2-3')	Total/NA	Solid	8260B	15714
490-4968-12	DPT-12 (1-2')	Total/NA	Solid	8260B	15714
LCS 490-15622/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-15622/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-15622/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 15714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-1	DPT-1 (1-3')	Total/NA	Solid	5035	
490-4968-2	DPT-2 (1-3')	Total/NA	Solid	5035	
490-4968-3	DPT-3 (1-2')	Total/NA	Solid	5035	
490-4968-4	DPT-4 (2-3')	Total/NA	Solid	5035	
490-4968-5	DPT-5 (3-4')	Total/NA	Solid	5035	
490-4968-6	DPT-6 (5-6')	Total/NA	Solid	5035	
490-4968-7	DPT-7 (4-5')	Total/NA	Solid	5035	
490-4968-8	DPT-8 (3-4')	Total/NA	Solid	5035	
490-4968-9	DPT-9 (2-3')	Total/NA	Solid	5035	
490-4968-10	DPT-10 (2')	Total/NA	Solid	5035	
490-4968-11	DPT-11 (2-3')	Total/NA	Solid	5035	
490-4968-12	DPT-12 (1-2')	Total/NA	Solid	5035	
490-4968-13	DPT-13 (3-4')	Total/NA	Solid	5035	
490-4968-14	DPT-14 (4-5')	Total/NA	Solid	5035	
490-4968-15	DPT-15 (2-3')	Total/NA	Solid	5035	
490-4968-16	DPT-16 (2-3')	Total/NA	Solid	5035	
490-4968-17	DPT-17 (3-4')	Total/NA	Solid	5035	
490-4968-18	DPT-18 (3-4')	Total/NA	Solid	5035	
490-4968-19	DPT-19 (5-6')	Total/NA	Solid	5035	
490-4968-19	DPT-19 (5-6')	Total/NA	Solid	5035	
490-4968-20	DPT-20 (5-6')	Total/NA	Solid	5035	
490-4968-20	DPT-20 (5-6')	Total/NA	Solid	5035	
490-4968-21	DPT-21 (2-3')	Total/NA	Solid	5035	
490-4968-22	DPT-22 (0-1')	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 15714 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-23	DPT-23 (0-1')	Total/NA	Solid	5035	
490-4968-24	DPT-24 (2-3')	Total/NA	Solid	5035	
490-4968-25	DPT-24 (4-5')	Total/NA	Solid	5035	
490-4968-26	DPT-25 (3-4')	Total/NA	Solid	5035	
490-4968-27	DPT-26 (4-5')	Total/NA	Solid	5035	
490-4968-28	DPT-27 (1-2')	Total/NA	Solid	5035	
490-4968-29	DPT-27 (4-5')	Total/NA	Solid	5035	
490-4968-37	DUP-1	Total/NA	Solid	5035	

Prep Batch: 15729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-3	DPT-3 (1-2')	Total/NA	Solid	5035	
490-4968-4	DPT-4 (2-3')	Total/NA	Solid	5035	
490-4968-7	DPT-7 (4-5')	Total/NA	Solid	5035	
490-4968-18	DPT-18 (3-4')	Total/NA	Solid	5035	
490-4968-37	DUP-1	Total/NA	Solid	5035	

Analysis Batch: 15830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-35	MWT-4	Total/NA	Water	8260B	
490-4968-35	MWT-4	Total/NA	Water	8260B	
490-4968-36	MWT-5	Total/NA	Water	8260B	
490-4968-38	DUP-2	Total/NA	Water	8260B	
490-4968-38	DUP-2	Total/NA	Water	8260B	
490-5109-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
490-5109-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 490-15830/3	Lab Control Sample	Total/NA	Water	8260B	
MB 490-15830/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 15840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-24	DPT-24 (2-3')	Total/NA	Solid	8260B	15714
490-4968-25	DPT-24 (4-5')	Total/NA	Solid	8260B	15714
490-4968-26	DPT-25 (3-4')	Total/NA	Solid	8260B	15714
490-4968-27	DPT-26 (4-5')	Total/NA	Solid	8260B	15714
490-4968-28	DPT-27 (1-2')	Total/NA	Solid	8260B	15714
490-4968-29	DPT-27 (4-5')	Total/NA	Solid	8260B	15714
490-4968-37	DUP-1	Total/NA	Solid	8260B	15714
LCS 490-15840/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-15840/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-15840/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 15844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-3	DPT-3 (1-2')	Total/NA	Solid	8260B	15729
490-4968-4	DPT-4 (2-3')	Total/NA	Solid	8260B	15714
490-4968-4	DPT-4 (2-3')	Total/NA	Solid	8260B	15729
490-4968-5	DPT-5 (3-4')	Total/NA	Solid	8260B	15714
490-4968-7	DPT-7 (4-5')	Total/NA	Solid	8260B	15729
490-4968-8	DPT-8 (3-4')	Total/NA	Solid	8260B	15714
490-4968-13	DPT-13 (3-4')	Total/NA	Solid	8260B	15714
490-4968-14	DPT-14 (4-5')	Total/NA	Solid	8260B	15714

GC/MS VOA (Continued)

Analysis Batch: 15844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-15	DPT-15 (2-3')	Total/NA	Solid	8260B	15714
490-4968-16	DPT-16 (2-3')	Total/NA	Solid	8260B	15714
490-4968-17	DPT-17 (3-4')	Total/NA	Solid	8260B	15714
490-4968-18	DPT-18 (3-4')	Total/NA	Solid	8260B	15714
490-4968-19	DPT-19 (5-6')	Total/NA	Solid	8260B	15714
490-4968-20	DPT-20 (5-6')	Total/NA	Solid	8260B	15714
490-4968-21	DPT-21 (2-3')	Total/NA	Solid	8260B	15714
490-4968-22	DPT-22 (0-1')	Total/NA	Solid	8260B	15714
490-4968-23	DPT-23 (0-1')	Total/NA	Solid	8260B	15714
LCS 490-15844/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-15844/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-15844/6	Method Blank	Total/NA	Solid	8260B	
MB 490-15844/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 16146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-18	DPT-18 (3-4')	Total/NA	Solid	8260B	15729
490-4968-19	DPT-19 (5-6')	Total/NA	Solid	8260B	15714
490-4968-20	DPT-20 (5-6')	Total/NA	Solid	8260B	15714
490-4968-37	DUP-1	Total/NA	Solid	8260B	15729
LCS 490-16146/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-16146/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-16146/6	Method Blank	Total/NA	Solid	8260B	
MB 490-16146/7	Method Blank	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 15385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-1	DPT-1 (1-3')	Total/NA	Solid	Moisture	
490-4968-1 DU	DPT-1 (1-3')	Total/NA	Solid	Moisture	
490-4968-2	DPT-2 (1-3')	Total/NA	Solid	Moisture	
490-4968-3	DPT-3 (1-2')	Total/NA	Solid	Moisture	
490-4968-4	DPT-4 (2-3')	Total/NA	Solid	Moisture	
490-4968-5	DPT-5 (3-4')	Total/NA	Solid	Moisture	
490-4968-6	DPT-6 (5-6')	Total/NA	Solid	Moisture	
490-4968-7	DPT-7 (4-5')	Total/NA	Solid	Moisture	
490-4968-8	DPT-8 (3-4')	Total/NA	Solid	Moisture	
490-4968-9	DPT-9 (2-3')	Total/NA	Solid	Moisture	
490-4968-10	DPT-10 (2')	Total/NA	Solid	Moisture	
490-4968-11	DPT-11 (2-3')	Total/NA	Solid	Moisture	
490-4968-12	DPT-12 (1-2')	Total/NA	Solid	Moisture	
490-4968-13	DPT-13 (3-4')	Total/NA	Solid	Moisture	
490-4968-14	DPT-14 (4-5')	Total/NA	Solid	Moisture	
490-4968-15	DPT-15 (2-3')	Total/NA	Solid	Moisture	
490-4968-16	DPT-16 (2-3')	Total/NA	Solid	Moisture	
490-4968-17	DPT-17 (3-4')	Total/NA	Solid	Moisture	
490-4968-18	DPT-18 (3-4')	Total/NA	Solid	Moisture	
490-4968-19	DPT-19 (5-6')	Total/NA	Solid	Moisture	
490-4968-20	DPT-20 (5-6')	Total/NA	Solid	Moisture	

QC Association Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

General Chemistry (Continued)

Analysis Batch: 15393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-21	DPT-21 (2-3')	Total/NA	Solid	Moisture	
490-4968-21 DU	DPT-21 (2-3')	Total/NA	Solid	Moisture	
490-4968-22	DPT-22 (0-1')	Total/NA	Solid	Moisture	
490-4968-23	DPT-23 (0-1')	Total/NA	Solid	Moisture	
490-4968-24	DPT-24 (2-3')	Total/NA	Solid	Moisture	
490-4968-25	DPT-24 (4-5')	Total/NA	Solid	Moisture	
490-4968-26	DPT-25 (3-4')	Total/NA	Solid	Moisture	
490-4968-27	DPT-26 (4-5')	Total/NA	Solid	Moisture	
490-4968-28	DPT-27 (1-2')	Total/NA	Solid	Moisture	
490-4968-29	DPT-27 (4-5')	Total/NA	Solid	Moisture	
490-4968-37	DUP-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-1 (1-3')

Lab Sample ID: 490-4968-1

Date Collected: 08/22/12 16:55
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 16:15	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-2 (1-3')

Lab Sample ID: 490-4968-2

Date Collected: 08/22/12 17:05
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 16:46	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-3 (1-2')

Lab Sample ID: 490-4968-3

Date Collected: 08/23/12 14:55
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 17:16	KK	TAL NSH
Total/NA	Prep	5035			15729	08/27/12 15 09	TP	TAL NSH
Total/NA	Analysis	8260B		2	15844	08/28/12 15 22	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-4 (2-3')

Lab Sample ID: 490-4968-4

Date Collected: 08/23/12 14:15
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 14:20	KK	TAL NSH
Total/NA	Prep	5035			15729	08/27/12 15.09	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 14:51	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-5 (3-4')

Lab Sample ID: 490-4968-5

Date Collected: 08/24/12 12:15
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 13 19	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13 29	ML	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-6 (5-6')

Lab Sample ID: 490-4968-6
Date Collected: 08/24/12 12:20
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 18 48	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13 29	ML	TAL NSH

Client Sample ID: DPT-7 (4-5')

Lab Sample ID: 490-4968-7
Date Collected: 08/24/12 11:40
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 19:19	KK	TAL NSH
Total/NA	Prep	5035			15729	08/27/12 15:09	TP	TAL NSH
Total/NA	Analysis	8260B		2	15844	08/28/12 15 53	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-8 (3-4')

Lab Sample ID: 490-4968-8
Date Collected: 08/23/12 18:00
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 13 49	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13 29	ML	TAL NSH

Client Sample ID: DPT-9 (2-3')

Lab Sample ID: 490-4968-9
Date Collected: 08/24/12 10:40
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 20:20	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-10 (2')

Lab Sample ID: 490-4968-10
Date Collected: 08/24/12 09:35
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 20:51	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13.29	ML	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-11 (2-3')

Lab Sample ID: 490-4968-11
Date Collected: 08/24/12 10:20
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 21:22	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13 29	ML	TAL NSH

Client Sample ID: DPT-12 (1-2')

Lab Sample ID: 490-4968-12
Date Collected: 08/24/12 10:00
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15622	08/27/12 21:53	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-13 (3-4')

Lab Sample ID: 490-4968-13
Date Collected: 08/24/12 09:30
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 16:24	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-14 (4-5')

Lab Sample ID: 490-4968-14
Date Collected: 08/24/12 09:15
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 16:55	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-15 (2-3')

Lab Sample ID: 490-4968-15
Date Collected: 08/23/12 10:00
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 17 26	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-16 (2-3')

Lab Sample ID: 490-4968-16
Date Collected: 08/23/12 10:15
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 17:57	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-17 (3-4')

Lab Sample ID: 490-4968-17
Date Collected: 08/24/12 14:15
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14.40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 18:28	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-18 (3-4')

Lab Sample ID: 490-4968-18
Date Collected: 08/24/12 15:00
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 18:59	KK	TAL NSH
Total/NA	Prep	5035			15729	08/27/12 15:09	TP	TAL NSH
Total/NA	Analysis	8260B		1	16146	08/29/12 13 16	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-19 (5-6')

Lab Sample ID: 490-4968-19
Date Collected: 08/24/12 17:30
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 19:29	KK	TAL NSH
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	16146	08/29/12 12:17	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15385	08/25/12 13 29	ML	TAL NSH

Client Sample ID: DPT-20 (5-6')

Lab Sample ID: 490-4968-20
Date Collected: 08/24/12 17:40
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14.40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 20:00	KK	TAL NSH
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	16146	08/29/12 12.47	KK	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-20 (5-6')

Lab Sample ID: 490-4968-20

Date Collected: 08/24/12 17:40
Matrix: Solid
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	15385	08/25/12 13:29	ML	TAL NSH

Client Sample ID: DPT-21 (2-3')

Lab Sample ID: 490-4968-21

Date Collected: 08/24/12 14:50
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 20 30	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13 54	ML	TAL NSH

Client Sample ID: DPT-22 (0-1')

Lab Sample ID: 490-4968-22

Date Collected: 08/24/12 15:20
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 21:01	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13.54	ML	TAL NSH

Client Sample ID: DPT-23 (0-1')

Lab Sample ID: 490-4968-23

Date Collected: 08/24/12 15:35
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15844	08/28/12 21:31	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13.54	ML	TAL NSH

Client Sample ID: DPT-24 (2-3')

Lab Sample ID: 490-4968-24

Date Collected: 08/24/12 17:50
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14.40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 15.10	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13 54	ML	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DPT-24 (4-5')

Lab Sample ID: 490-4968-25
Date Collected: 08/24/12 17:55
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 15:39	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13 54	ML	TAL NSH

Client Sample ID: DPT-25 (3-4')

Lab Sample ID: 490-4968-26
Date Collected: 08/24/12 18:00
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 16:09	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13:54	ML	TAL NSH

Client Sample ID: DPT-26 (4-5')

Lab Sample ID: 490-4968-27
Date Collected: 08/24/12 18:10
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 16:38	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13.54	ML	TAL NSH

Client Sample ID: DPT-27 (1-2')

Lab Sample ID: 490-4968-28
Date Collected: 08/24/12 18:20
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14 40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 17:07	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13 54	ML	TAL NSH

Client Sample ID: DPT-27 (4-5')

Lab Sample ID: 490-4968-29
Date Collected: 08/24/12 18:25
Matrix: Solid
Date Received: 08/25/12 08:30
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 17:36	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13 54	ML	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: RINSE BAILER — Lab Sample ID: 490-4968-30

Date Collected: 08/24/12 18:45 — **Matrix: Water**
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15302	08/25/12 18:11	JR	TAL NSH

Client Sample ID: RINSE H.A. — Lab Sample ID: 490-4968-31

Date Collected: 08/24/12 18:50 — **Matrix: Water**
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15302	08/25/12 18.38	JR	TAL NSH

Client Sample ID: RINSE DPT SLEEVE — Lab Sample ID: 490-4968-32

Date Collected: 08/24/12 18:55 — **Matrix: Water**
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15302	08/25/12 19 05	JR	TAL NSH

Client Sample ID: MWT-4 — Lab Sample ID: 490-4968-35

Date Collected: 08/24/12 16:05 — **Matrix: Water**
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15302	08/25/12 19:32	JR	TAL NSH
Total/NA	Analysis	8260B		200	15830	08/28/12 14 13	JR	TAL NSH
Total/NA	Analysis	8260B		5000	15830	08/28/12 14 42	JR	TAL NSH

Client Sample ID: MWT-5 — Lab Sample ID: 490-4968-36

Date Collected: 08/24/12 16:45 — **Matrix: Water**
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15830	08/28/12 12 52	JR	TAL NSH

Client Sample ID: DUP-1 — Lab Sample ID: 490-4968-37

Date Collected: 08/24/12 00:01 — **Matrix: Solid**
Date Received: 08/25/12 08:30 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15714	08/27/12 14:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	15840	08/28/12 18 06	KK	TAL NSH
Total/NA	Prep	5035			15729	08/27/12 15.09	TP	TAL NSH
Total/NA	Analysis	8260B		2	16146	08/29/12 13 45	KK	TAL NSH
Total/NA	Analysis	Moisture		1	15393	08/25/12 13 54	ML	TAL NSH

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Client Sample ID: DUP-2

Lab Sample ID: 490-4968-38

Date Collected: 08/24/12 00:01
Matrix: Water
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15302	08/25/12 20:27	JR	TAL NSH
Total/NA	Analysis	8260B		200	15830	08/28/12 15 09	JR	TAL NSH
Total/NA	Analysis	8260B		5000	15830	08/28/12 15:36	JR	TAL NSH

Client Sample ID: TRIP BLANK

Lab Sample ID: 490-4968-39

Date Collected: 08/24/12 00:01
Matrix: Water
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	15302	08/25/12 15:55	JR	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
Moisture	Percent Moisture	EPA	TAL NSH

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-1
SDG: GDR-006

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	09-30-12
New Hampshire	NELAC	1	2963	10-09-12
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-12
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453 07	12-31-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Charlotte

490-4968 Chain of

Cooler Received/Opened On 8/25/2012 @ 0830

1. Tracking # 5562 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 2.6 *Degrees Celsius*

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

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

If yes, how many and where: 1 front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Charlotte
Loc: 490
4968
#1
C

Cooler Received/Opened On 8/25/2012 @ 0830

1. Tracking # 5573 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.2 *Degrees Celsius*

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

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

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

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

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

I certify that I opened the cooler and answered questions 1-6 (intial) [illegible]

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

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

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

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

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 7-14 (intial) [illegible]

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

8/29/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Charlotte
Loc: 490
4968
#2
A

Cooler Received/Opened On 8/25/2012 @ 8:30

1. Tracking # 5530 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID_95610068

2. Temperature of rep. sample or temp blank when opened: 3.3 *Degrees Celsius*

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

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

If yes, how many and where: 1 Front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

8/29/2012

Chain of Custody Record

RUSH

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Loc: 490
4968

8/29/2012

Client: HART & HICKMAN, PC	Project Manager: SHANNON COTTRILL	Date: 8/24/12	Chain of Custody Number: 194073
Address: 2923 S. TRYON St. Suite 100	Telephone Number (Area Code)/Fax Number: 704. 586 0007	Lab Number	Page 1 of 4
City: CHARLOTTE; State: NC; Zip Code: 28203	Site Contact: BO CAPPLEMAN	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State): UTC DGLAVAN	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	CH3OH	Na2S2O3	VOC 8260B	Special Instructions/ Conditions of Receipt
DPT-1 (1-3')	8/22/12	1655				X	1						1	2	X	-01
DPT-2 (1-3')	↓	1705				↓	↓						↓	↓	↓	02
DPT-3 (1-2')	8/23/12	1455														03
DPT-4 (2-3')	↓	1415														04
DPT5 (3-4')	8/24/12	1215														05
DPT-6 (5-6')		1220														06
DPT-7 (4-5')	↓	1140														07
DPT-8 (3-4')	8/23/12	1800														08
DPT-9 (2-3')	8/24/12	1040														09
DPT-10 (2')		955														10
DPT-11 (2-3')		1020														11
DPT-12 (1-2')		1060				↓	↓						↓	↓	↓	12

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

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 48 hr TAT

QC Requirements (Specify)

1. Relinquished By	Date: 8/24/12	Time: 2130	1. Received By: TAN	Date: 8-25-12	Time: 0830
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted] *RUS H*

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Loc: 490
4968

8/29/2012

Client: HART + HICKMAN, PC	Project Manager	Date: 8/24/12	Chain of Custody Number: 194070
Address: PAGE 1*	Telephone Number (Area Code)/Fax Number: SEE PAGE 1	Lab Number	Page 2 of 4
City: *SEE PAGE 1* / State / Zip Code	Site Contact: SEE PAGE 1	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	CrS/NaOH	Na2S2O3/NaOH	VOCs 8260B		
DPT-13 (3-4')	8/24/12	930				X	1					1	2	X		25	13
DPT-14 (4-5')	↓	915				↓	↓					↓	↓	↓		26	14
DPT-15 (2-3')	8/23/12	1000														27	15
DPT-16 (2-3')		1015														28	16
DPT-17 (3-4')	8/24/12	1415														29	17
DPT-18 (3-4')		1500														30	18
DPT-19 (5-6')		1730														31	19
DPT-20 (5-6')		1740														32	20
DPT-21 (2-3')		1450														33	21
DPT-22 (0-1')		1520														34	22
DPT-23 (0-1')		1535														35	23
DPT-24 (2-3')		1750														36	24

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 48hr TAT

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/12	2130	1. Received By: TAN	8-25-12	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted] KOSH

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TAL-4124 (1007)

Client: HART + HICKMAN, PC	Project Manager	Date: 8/24/12	Chain of Custody Number: 194072
Address: SEE PAGE 1	Telephone Number (Area Code)/Fax Number: SEE PAGE 1	Lab Number	Page 3 of 4
City: SEE PAGE 1 State: Zip Code:	Site Contact	Lab Contact	
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			

Analysis (Attach list if more space is needed): VOCs 8260B; TCLP VOCs; TCLP Metals

Loc: 490
4968
#1
A

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	CH3OH	NaBSO4/HCl	VOCs 8260B	TCLP VOCs	TCLP Metals		
DPT-24 (4-5')	8/24/12	1755				X	1						1	2	X			13	25
DPT-25 (3-4')		1806																14	26
DPT-26 (4-5')		1810																15	27
DPT-27 (1-2')		1820																16	28
DPT-27 (4-5')		1825																17	29
RINSE BAILER		1845		X			4			3			4	4				18	30
RINSE H.A		1850					4	RIC					4	4				19	31
RINSE DPT SLEEVE		1855					4						4	4				20	32
IDW SOIL		1905				X	2					RIC	4	4		X	X	21	33
IDW WATER		1910		X			2						4	4		X	X	22	34
MWT-4		1605					4	RIC		3			4	4	X			23	35
MWT-5		1645					4						4	4				24	36

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

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other [redacted]

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/12	2150	1. Received By: TAN	8-25-12	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

8/29/2012

RUSH

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

8/29/2012

Client: HART & HICKMAN, PC	Project Manager	Date: 8/24/12	Chain of Custody Number: 194069
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 4 of 4
City: SEE PAGE 1 / State / Zip Code	Site Contact: SEE PAGE 1	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	NaBisulfate/CH3OH	VOCs 8260B										Loc: 490 4968 #1 B
DUP-1	—	—				X	1					1	2	X										37
DUP-2	—	—		X						3				X										38
TRIP BLANK	—	—		X						2				X										39

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 48 hr TAT

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/12	2130	1. Received By: TAW	8-25-12	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Hart & Hickman, PC

Job Number: 490-4968-1
SDG Number: GDR-006

Login Number: 4968
List Number: 1
Creator: McBride, Mike

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2, 3.3, 2.6°c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 490-4968-2
TestAmerica Sample Delivery Group: GDR-006
Client Project/Site: UTC Delavan

For:
Hart & Hickman, PC
2923 S Tryon Street
Suite 100
Charlotte, North Carolina 28203

Attn: Shannon Cottrill

Authorized for release by:
8/29/2012 4:36:30 PM

Ken Hayes
Project Manager I
ken.hayes@testamericainc.com

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

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

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

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Sample Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-4968-33	IDW SOIL	Solid	08/24/12 19:05	08/25/12 08:30
490-4968-34	IDW WATER	Water	08/24/12 19 10	08/25/12 08 30

Case Narrative

Job ID: 490-4968-2

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-4968-2

Comments
No additional comments.

Receipt
The samples were received on 8/25/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.6° C, 3.2° C and 3.3° C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 15763 was outside control limits. <<INCLUDE IF APPLICABLE>> The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Client Sample ID: IDW SOIL

Lab Sample ID: 490-4968-33

Date Collected: 08/24/12 19:05
Date Received: 08/25/12 08:30

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.100		mg/L			08/27/12 23:43	10
1,2-Dichloroethane	ND		0.100		mg/L			08/27/12 23.43	10
2-Butanone (MEK)	ND		5 00		mg/L			08/27/12 23 43	10
Benzene	ND		0.100		mg/L			08/27/12 23.43	10
Carbon tetrachloride	ND		0 100		mg/L			08/27/12 23:43	10
Chlorobenzene	ND		0.100		mg/L			08/27/12 23 43	10
Tetrachloroethene	ND		0.100		mg/L			08/27/12 23.43	10
Trichloroethene	ND		0 100		mg/L			08/27/12 23:43	10
Vinyl chloride	ND		0 100		mg/L			08/27/12 23:43	10
Chloroform	ND		0 100		mg/L			08/27/12 23:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*08/27/12 23:43*	*10*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/27/12 23:43*	*10*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*08/27/12 23.43*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/27/12 23.43*	*10*

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100		mg/L		08/28/12 08:13	08/28/12 20 29	1
Barium	**0.129**		0.100		mg/L		08/28/12 08:13	08/28/12 20 29	1
Cadmium	ND		0 0100		mg/L		08/28/12 08:13	08/28/12 20.29	1
Chromium	ND		0 0500		mg/L		08/28/12 08 13	08/28/12 20.29	1
Silver	ND		0 0500		mg/L		08/28/12 08 13	08/28/12 20:29	1
Lead	ND		0.0500		mg/L		08/28/12 08:13	08/28/12 20 29	1
Selenium	ND		0 100		mg/L		08/28/12 08:13	08/28/12 20 29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		2 00		ug/L		08/28/12 10 14	08/29/12 08:44	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Client Sample ID: IDW WATER

Lab Sample ID: 490-4968-34

Date Collected: 08/24/12 19:10
Date Received: 08/25/12 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0 100		mg/L			08/27/12 23 17	10
1,2-Dichloroethane	ND		0 100		mg/L			08/27/12 23 17	10
2-Butanone (MEK)	ND		5.00		mg/L			08/27/12 23:17	10
Benzene	ND		0 100		mg/L			08/27/12 23 17	10
Carbon tetrachloride	ND		0.100		mg/L			08/27/12 23:17	10
Chlorobenzene	ND		0.100		mg/L			08/27/12 23:17	10
Tetrachloroethene	**0.961**		0.100		mg/L			08/27/12 23:17	10
Trichloroethene	ND		0.100		mg/L			08/27/12 23:17	10
Vinyl chloride	ND		0 100		mg/L			08/27/12 23:17	10
Chloroform	ND		0.100		mg/L			08/27/12 23:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*08/27/12 23.17*	*10*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/27/12 23.17*	*10*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*08/27/12 23.17*	*10*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/27/12 23.17*	*10*

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0 100		mg/L		08/28/12 08:13	08/28/12 20:49	1
Barium	ND		0.100		mg/L		08/28/12 08:13	08/28/12 20:49	1
Cadmium	ND		0 0100		mg/L		08/28/12 08:13	08/28/12 20 49	1
Chromium	ND		0 0500		mg/L		08/28/12 08:13	08/28/12 20 49	1
Silver	ND		0 0500		mg/L		08/28/12 08:13	08/28/12 20:49	1
Lead	ND		0.0500		mg/L		08/28/12 08:13	08/28/12 20:49	1
Selenium	ND		0.100		mg/L		08/28/12 08:13	08/28/12 20:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		2 00		ug/L		08/28/12 10:14	08/29/12 08.57	1

QC Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

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

Lab Sample ID: MB 490-15763/5
Matrix: Solid
Analysis Batch: 15763

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0100		mg/L			08/27/12 21:07	1
1,2-Dichloroethane	ND		0.0100		mg/L			08/27/12 21:07	1
2-Butanone (MEK)	ND		0.500		mg/L			08/27/12 21:07	1
Benzene	ND		0.0100		mg/L			08/27/12 21:07	1
Carbon tetrachloride	ND		0.0100		mg/L			08/27/12 21:07	1
Chlorobenzene	ND		0.0100		mg/L			08/27/12 21 07	1
Tetrachloroethene	ND		0.0100		mg/L			08/27/12 21 07	1
Trichloroethene	ND		0.0100		mg/L			08/27/12 21 07	1
Vinyl chloride	ND		0.0100		mg/L			08/27/12 21:07	1
Chloroform	ND		0.0100		mg/L			08/27/12 21 07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*08/27/12 21:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/27/12 21:07*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*08/27/12 21:07*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/27/12 21:07*	*1*

Lab Sample ID: LCS 490-15763/3
Matrix: Solid
Analysis Batch: 15763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0500	0 06058		mg/L		121	79 - 124
1,2-Dichloroethane	0 0500	0.04880		mg/L		98	77 - 121
2-Butanone (MEK)	0.250	ND		mg/L		113	62 - 133
Benzene	0 0500	0.05598		mg/L		112	80 - 121
Carbon tetrachloride	0 0500	0.05592		mg/L		112	64 - 147
Chlorobenzene	0 0500	0.05308		mg/L		106	80 - 120
Tetrachloroethene	0 0500	0.05333		mg/L		107	80 - 126
Trichloroethene	0 0500	0.05507		mg/L		110	80 - 123
Vinyl chloride	0.0500	0.04836		mg/L		97	68 - 120
Chloroform	0.0500	0 05637		mg/L		113	73 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 490-15763/4
Matrix: Solid
Analysis Batch: 15763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	0 0500	0.06031		mg/L		121	79 - 124	0	17
1,2-Dichloroethane	0 0500	0 04779		mg/L		96	77 - 121	2	17
2-Butanone (MEK)	0 250	ND		mg/L		111	62 - 133	2	19
Benzene	0.0500	0.05545		mg/L		111	80 - 121	1	17
Carbon tetrachloride	0 0500	0 05705		mg/L		114	64 - 147	2	19

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

Lab Sample ID: LCSD 490-15763/4
Matrix: Solid
Analysis Batch: 15763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	0 0500	0 05229		mg/L		105	80 - 120	2	14
Tetrachloroethene	0 0500	0 05257		mg/L		105	80 - 126	1	16
Trichloroethene	0 0500	0.05464		mg/L		109	80 - 123	1	17
Vinyl chloride	0.0500	0.04858		mg/L		97	68 - 120	0	17
Chloroform	0 0500	0.05590		mg/L		112	73 - 129	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LB 490-15384/1-A LB
Matrix: Solid
Analysis Batch: 15763

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0100		mg/L			08/27/12 21 33	1
1,2-Dichloroethane	ND		0.0100		mg/L			08/27/12 21:33	1
2-Butanone (MEK)	ND		0.500		mg/L			08/27/12 21:33	1
Benzene	ND		0 0100		mg/L			08/27/12 21:33	1
Carbon tetrachloride	ND		0 0100		mg/L			08/27/12 21 33	1
Chlorobenzene	ND		0 0100		mg/L			08/27/12 21:33	1
Tetrachloroethene	ND		0.0100		mg/L			08/27/12 21.33	1
Trichloroethene	ND		0.0100		mg/L			08/27/12 21 33	1
Vinyl chloride	ND		0.0100		mg/L			08/27/12 21:33	1
Chloroform	0.01073		0.0100		mg/L			08/27/12 21:33	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*08/27/12 21:33*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/27/12 21:33*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*08/27/12 21:33*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/27/12 21:33*	*1*

Lab Sample ID: 490-4968-34 MS
Matrix: Water
Analysis Batch: 15763

Client Sample ID: IDW WATER
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		0 500	0.3611		mg/L		72	70 - 142
1,2-Dichloroethane	ND		0 500	0.4931		mg/L		99	64 - 136
2-Butanone (MEK)	ND		2.50	ND		mg/L		111	50 - 138
Benzene	ND		0 500	0 5886		mg/L		118	75 - 133
Carbon tetrachloride	ND		0 500	0 5960		mg/L		119	62 - 164
Chlorobenzene	ND		0.500	0.5560		mg/L		111	80 - 129
Tetrachloroethene	0.961		0.500	1 415		mg/L		91	72 - 145
Trichloroethene	ND		0 500	0.5923		mg/L		118	73 - 144
Vinyl chloride	ND		0.500	0 4773		mg/L		95	56 - 129
Chloroform	ND		0 500	0 5798		mg/L		116	66 - 138

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

Lab Sample ID: 490-4968-34 MS
Matrix: Water
Analysis Batch: 15763

Client Sample ID: IDW WATER
Prep Type: TCLP

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 490-4968-34 MSD
Matrix: Water
Analysis Batch: 15763

Client Sample ID: IDW WATER
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.500	0 6468	F	mg/L		129	70 - 142	57	17
1,2-Dichloroethane	ND		0.500	0.5171		mg/L		103	64 - 136	5	17
2-Butanone (MEK)	ND		2 50	ND		mg/L		123	50 - 138	10	19
Benzene	ND		0 500	0 6088		mg/L		122	75 - 133	3	17
Carbon tetrachloride	ND		0 500	0 6201		mg/L		124	62 - 164	4	19
Chlorobenzene	ND		0.500	0 5629		mg/L		113	80 - 129	1	14
Tetrachloroethene	0 961		0 500	1.441		mg/L		96	72 - 145	2	16
Trichloroethene	ND		0 500	0.6127		mg/L		123	73 - 144	3	17
Vinyl chloride	ND		0.500	0.4988		mg/L		100	56 - 129	4	17
Chloroform	ND		0.500	0.6268		mg/L		125	66 - 138	8	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 490-15816/1-A
Matrix: Water
Analysis Batch: 16110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 15816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100		mg/L		08/28/12 08 13	08/28/12 20:19	1
Barium	ND		0.100		mg/L		08/28/12 08.13	08/28/12 20:19	1
Cadmium	ND		0 0100		mg/L		08/28/12 08 13	08/28/12 20 19	1
Chromium	ND		0.0500		mg/L		08/28/12 08.13	08/28/12 20.19	1
Silver	ND		0 0500		mg/L		08/28/12 08:13	08/28/12 20 19	1
Lead	ND		0.0500		mg/L		08/28/12 08 13	08/28/12 20:19	1
Selenium	ND		0.100		mg/L		08/28/12 08 13	08/28/12 20:19	1

Lab Sample ID: LCS 490-15816/2-A
Matrix: Water
Analysis Batch: 16110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 15816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	2 087		mg/L		104	80 - 120
Barium	20 0	22 56		mg/L		113	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 490-15816/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 16110 — **Prep Batch: 15816**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	2.00	2 121		mg/L		106	80 - 120
Chromium	10 0	10.40		mg/L		104	80 - 120
Silver	2.00	2.033		mg/L		102	80 - 120
Lead	10.0	10.80		mg/L		108	80 - 120
Selenium	2.00	2 196		mg/L		110	80 - 120

Lab Sample ID: LB 490-15655/1-B LB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 16110 — **Prep Batch: 15816**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100		mg/L		08/28/12 08.13	08/28/12 20 25	1
Barium	ND		0 100		mg/L		08/28/12 08·13	08/28/12 20.25	1
Cadmium	ND		0 0100		mg/L		08/28/12 08.13	08/28/12 20 25	1
Chromium	ND		0 0500		mg/L		08/28/12 08:13	08/28/12 20 25	1
Silver	ND		0 0500		mg/L		08/28/12 08 13	08/28/12 20:25	1
Lead	ND		0.0500		mg/L		08/28/12 08.13	08/28/12 20 25	1
Selenium	ND		0 100		mg/L		08/28/12 08 13	08/28/12 20·25	1

Lab Sample ID: 490-4968-33 MS — **Client Sample ID: IDW SOIL**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 16110 — **Prep Batch: 15816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2.00	2.152		mg/L		108	75 - 125
Barium	0.129		20 0	21.63		mg/L		108	75 - 125
Cadmium	ND		2.00	2 075		mg/L		104	75 - 125
Chromium	ND		10 0	10.05		mg/L		101	75 - 125
Silver	ND		2 00	1 966		mg/L		98	75 - 125
Lead	ND		10.0	10.74		mg/L		107	75 - 125
Selenium	ND		2 00	2.258		mg/L		113	75 - 125

Lab Sample ID: 490-4968-33 MSD — **Client Sample ID: IDW SOIL**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 16110 — **Prep Batch: 15816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2 00	2.200		mg/L		110	75 - 125	2	20
Barium	0 129		20.0	22.16		mg/L		110	75 - 125	2	20
Cadmium	ND		2.00	2.151		mg/L		108	75 - 125	4	20
Chromium	ND		10.0	10.37		mg/L		104	75 - 125	3	20
Silver	ND		2.00	2 025		mg/L		101	75 - 125	3	20
Lead	ND		10.0	11.03		mg/L		110	75 - 125	3	20
Selenium	ND		2 00	2 294		mg/L		115	75 - 125	2	20

QC Sample Results

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 490-15892/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 16204 — **Prep Batch: 15892**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		2 00		ug/L		08/28/12 10 14	08/29/12 08:38	1

Lab Sample ID: LCS 490-15892/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 16204 — **Prep Batch: 15892**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	20 0	20 99		ug/L		105	80 - 120

Lab Sample ID: LB 490-15655/1-C LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 16204 — **Prep Batch: 15892**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		2 00		ug/L		08/28/12 10:14	08/29/12 08:40	1

Lab Sample ID: 490-4968-33 MS — **Client Sample ID: IDW SOIL**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 16204 — **Prep Batch: 15892**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		20.0	21 02		ug/L		105	75 - 125

Lab Sample ID: 490-4968-33 MSD — **Client Sample ID: IDW SOIL**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 16204 — **Prep Batch: 15892**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		20 0	19 71		ug/L		99	75 - 125	6	20

QC Association Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

GC/MS VOA

Leach Batch: 15384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	1311	
490-4968-34	IDW WATER	TCLP	Water	1311	
490-4968-34 MS	IDW WATER	TCLP	Water	1311	
490-4968-34 MSD	IDW WATER	TCLP	Water	1311	
LB 490-15384/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 15763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	8260B	15384
490-4968-34	IDW WATER	TCLP	Water	8260B	15384
490-4968-34 MS	IDW WATER	TCLP	Water	8260B	15384
490-4968-34 MSD	IDW WATER	TCLP	Water	8260B	15384
LB 490-15384/1-A LB	Method Blank	TCLP	Solid	8260B	15384
LCS 490-15763/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-15763/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-15763/5	Method Blank	Total/NA	Solid	8260B	

Metals

Leach Batch: 15655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	1311	
490-4968-33 MS	IDW SOIL	TCLP	Solid	1311	
490-4968-33 MSD	IDW SOIL	TCLP	Solid	1311	
490-4968-34	IDW WATER	TCLP	Water	1311	
LB 490-15655/1-B LB	Method Blank	TCLP	Water	1311	
LB 490-15655/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 15816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	3010A	15655
490-4968-33 MS	IDW SOIL	TCLP	Solid	3010A	15655
490-4968-33 MSD	IDW SOIL	TCLP	Solid	3010A	15655
490-4968-34	IDW WATER	TCLP	Water	3010A	15655
LB 490-15655/1-B LB	Method Blank	TCLP	Water	3010A	15655
LCS 490-15816/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 490-15816/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 15892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	7470A	15655
490-4968-33 MS	IDW SOIL	TCLP	Solid	7470A	15655
490-4968-33 MSD	IDW SOIL	TCLP	Solid	7470A	15655
490-4968-34	IDW WATER	TCLP	Water	7470A	15655
LB 490-15655/1-C LB	Method Blank	TCLP	Solid	7470A	15655
LCS 490-15892/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 490-15892/1-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 16110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	6010C	15816
490-4968-33 MS	IDW SOIL	TCLP	Solid	6010C	15816

Metals (Continued)

Analysis Batch: 16110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33 MSD	IDW SOIL	TCLP	Solid	6010C	15816
490-4968-34	IDW WATER	TCLP	Water	6010C	15816
LB 490-15655/1-B LB	Method Blank	TCLP	Water	6010C	15816
LCS 490-15816/2-A	Lab Control Sample	Total/NA	Water	6010C	15816
MB 490-15816/1-A	Method Blank	Total/NA	Water	6010C	15816

Analysis Batch: 16204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4968-33	IDW SOIL	TCLP	Solid	7470A	15892
490-4968-33 MS	IDW SOIL	TCLP	Solid	7470A	15892
490-4968-33 MSD	IDW SOIL	TCLP	Solid	7470A	15892
490-4968-34	IDW WATER	TCLP	Water	7470A	15892
LB 490-15655/1-C LB	Method Blank	TCLP	Solid	7470A	15892
LCS 490-15892/3-A	Lab Control Sample	Total/NA	Solid	7470A	15892
MB 490-15892/1-A	Method Blank	Total/NA	Solid	7470A	15892

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Client Sample ID: IDW SOIL

Lab Sample ID: 490-4968-33

Date Collected: 08/24/12 19:05
Matrix: Solid
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			15384	08/25/12 13:29	SM	TAL NSH
TCLP	Analysis	8260B		10	15763	08/27/12 23:43	RK	TAL NSH
TCLP	Leach	1311			15655	08/27/12 12 07	SM	TAL NSH
TCLP	Prep	3010A			15816	08/28/12 08:13	SR	TAL NSH
TCLP	Analysis	6010C		1	16110	08/28/12 20 29	KJ	TAL NSH
TCLP	Prep	7470A			15892	08/28/12 10:14	LB	TAL NSH
TCLP	Analysis	7470A		1	16204	08/29/12 08.44	LB	TAL NSH

Client Sample ID: IDW WATER

Lab Sample ID: 490-4968-34

Date Collected: 08/24/12 19:10
Matrix: Water
Date Received: 08/25/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			15384	08/25/12 13.29	SM	TAL NSH
TCLP	Analysis	8260B		10	15763	08/27/12 23 17	RK	TAL NSH
TCLP	Leach	1311			15655	08/27/12 12:07	SM	TAL NSH
TCLP	Prep	3010A			15816	08/28/12 08:13	SR	TAL NSH
TCLP	Analysis	6010C		1	16110	08/28/12 20.49	KJ	TAL NSH
TCLP	Prep	7470A			15892	08/28/12 10:14	LB	TAL NSH
TCLP	Analysis	7470A		1	16204	08/29/12 08:57	LB	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
6010C	Metals (ICP)	SW846	TAL NSH
7470A	Mercury (CVAA)	SW846	TAL NSH

Protocol References:

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

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Hart & Hickman, PC
Project/Site: UTC Delavan

TestAmerica Job ID: 490-4968-2
SDG: GDR-006

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453 07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	09-30-12
New Hampshire	NELAC	1	2963	10-09-12
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-12
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

Charlotte

COOLER RECEIPT FORM

490-4968 Chain of

Cooler Received/Opened On 8/25/2012 @ 0830

1. Tracking # 5562 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 2.6 Degrees Celsius

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

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

If yes, how many and where: 1 front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Charlotte
Loc: 490
4968
#1
C

Cooler Received/Opened On 8/25/2012 @ 0830

1. Tracking # 5573 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.2 *Degrees Celsius*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

8/29/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Charlotte
Loc: 490
4968
#2
A

Cooler Received/Opened On 8/25/2012 @ 8:30

1. Tracking # 5530 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID_95610068

2. Temperature of rep. sample or temp blank when opened: 3.3 *Degrees Celsius*

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

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

If yes, how many and where: 1 Front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

8/29/2012

Chain of Custody Record

TAL-4124 (1007)

RUSH

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Loc: 490
4968

8/29/2012

Client: HART & HICKMAN, PC	Project Manager: SHANNON COTTRILL	Date: 8/24/12	Chain of Custody Number: 194073
Address: 2923 S. TRYON St. Suite 100	Telephone Number (Area Code)/Fax Number: 704. 586 0007	Lab Number	Page 1 of 4
City: CHARLOTTE; State: NC; Zip Code: 28203	Site Contact: BO CAPPLEMAN	Lab Contact	
Project Name and Location (State): UTL DGLAVAN	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	Zn(C2H3O2)2 + NaOH	NaAsO2 + NaOH	VOC 8260B	Special Instructions/ Conditions of Receipt
DPT-1 (1-3')	8/22/12	1655				X	1					1	2	X	-01
DPT-2 (1-3')	↓	1705				↓	↓					↓	↓	↓	02
DPT-3 (1-2')	8/23/12	1455													03
DPT-4 (2-3')	↓	1415													04
DPT-5 (3-4')	8/24/12	1215													05
DPT-6 (5-6')	↓	1220													06
DPT-7 (4-5')	↓	1140													07
DPT-8 (3-4')	8/23/12	1800													08
DPT-9 (2-3')	8/24/12	1040													09
DPT-10 (2')		955													10
DPT-11 (2-3')		1020													11
DPT-12 (1-2')		1060													12

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

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 48hr TAT

QC Requirements (Specify)

1. Relinquished By	Date: 8/24/12	Time: 2130	1. Received By: TAN	Date: 8-25-12	Time: 0830
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

*RUS HX

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Loc: 490
4968

8/29/2012

Client: HART + HICKMAN, PC	Project Manager	Date: 8/24/12	Chain of Custody Number: 194070
Address: PAGE 1*	Telephone Number (Area Code)/Fax Number: 566 PAGE 1	Lab Number	Page 2 of 4
City: *566	State	Zip Code	
Site Contact	Lab Contact	Analysis (Attach list if more space is needed)	
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc+NaOH	Na2S2O3+NaOH	VOCs 8260B		
DPT-13 (3-4')	8/24/12	930				X	1					1	2	X	25	13
DPT-14 (4-5')	↓	915				↓	↓					↓	↓	↓	26	14
DPT-15 (2-3')	8/23/12	1000													27	15
DPT-16 (2-3')		1015													28	16
DPT-17 (3-4')	8/24/12	1415													29	17
DPT-18 (3-4')		1500													30	18
DPT-19 (5-6')		1730													31	19
DPT-20 (5-6')		1740													32	20
DPT-21 (2-3')		1450													33	21
DPT-22 (0-1')		1520													34	22
DPT-23 (0-1')		1535													35	23
DPT-24 (2-3')		1750													36	24

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 48hr TAT

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/12	2130	1. Received By: TAN	8-25-12	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted] ~~ROSH~~

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TAL-4124 (1007)

Client: HART + HICKMAN, PC	Project Manager	Date: 8/24/12	Chain of Custody Number: 194072
Address: SEE PAGE 1	Telephone Number (Area Code)/Fax Number: SEE PAGE 1	Lab Number	Page 3 of 4
City: SEE PAGE 1 / State / Zip Code	Site Contact	Lab Contact	
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: GDR-006			

Analysis (Attach list if more space is needed): Loc: 490 / 4968 / #1 / A

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	NaOH/HNO3	VOCs 8260B	TCLP VOCs	TCLP Metals		
DPT-24 (4-5')	8/24/12	1755				X	1					1	2	X			13	25
DPT-25 (3-4')		1806															14	26
DPT-26 (4-5')		1810															15	27
DPT-27 (1-2')		1820															16	28
DPT-27 (4-5')		1825															17	29
RINSE BAILER		1845		X						3							18	30
RINSE H.A		1850						RIC									19	31
RINSE DPT SLEEVE		1855															20	32
IDW SOIL		1905				X	2								X	X	21	33
IDW WATER		1910		X			2								X	X	22	34
MWT-4		1605						RIC		3				X			23	35
MWT-5		1645															24	36

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

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other [redacted]

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/12	2150	1. Received By TAN	8-25-12	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

8/29/2012

[redacted] *RUSH*

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

8/29/2012

Client: HART & HICKMAN, PC	Project Manager	Date: 8/24/12	Chain of Custody Number: 194069
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 4 of 4
City: S66 PAGE 1	State	Zip Code	Site Contact: S66 PAGE 1
Lab Contact	Project Name and Location (State)	Carrier/Waybill Number	
Contract/Purchase Order/Quote No.: GDR-006			

Analysis (Attach list if more space is needed)

Loc: 490
4968
#1
B

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	Zn(Ac)2/NaOH	CH3OH/Na2S2O3	VOCs 8260B											
DUP-1	—	—				X	1					1	2	X											37
DUP-2	—	—		X						3				X											38
TRIP BLANK	—	—		X						2				X											39

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 48 hr TAT

QC Requirements (Specify)

1. Relinquished By	Date: 8/24/12	Time: 2130	1. Received By: TAW	Date: 8-25-12	Time: 0830
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Hart & Hickman, PC

Job Number: 490-4968-2
SDG Number: GDR-006

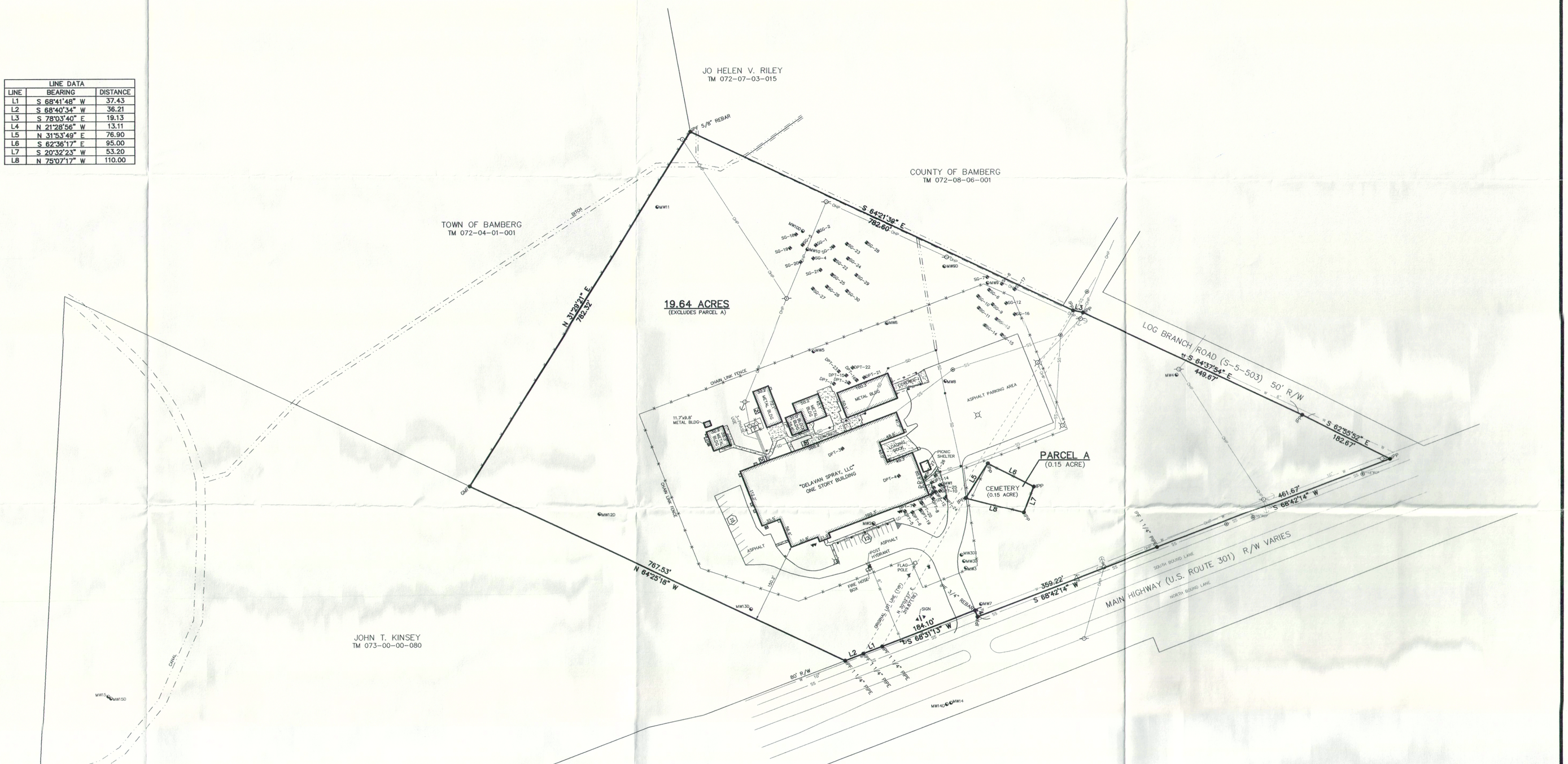
Login Number: 4968
List Number: 1
Creator: McBride, Mike

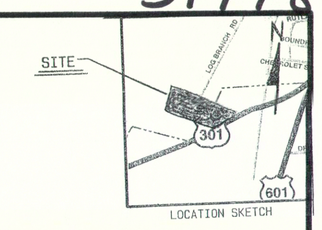
List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2, 3.3, 2.6°c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

1

51778





LOCATION SKETCH

LINE DATA		
LINE	BEARING	DISTANCE
L1	S 68°41'48" W	37.43
L2	S 68°40'34" W	36.21
L3	S 78°03'40" E	19.13
L4	N 21°28'56" W	13.11
L5	N 31°53'49" E	76.90
L6	S 62°36'17" E	95.00
L7	S 20°32'23" W	53.20
L8	N 75°07'17" W	110.00

WELL	TOP	CASING
1	147.56	147.19
2	147.81	147.63
3	148.64	148.11
30	148.28	148.12
301	148.12	147.93
4	145.50	147.03
5	145.64	145.46
6	143.45	143.22
7	149.23	149.03
8	145.95	145.66
9	144.11	143.89
90	144.48	144.20
10	142.56	142.19
10D	142.08	141.79
11	143.77	143.16
12D	147.86	147.65
13D	146.41	146.26
14	147.05	146.90
14D	147.11	146.88
15	136.13	135.73
15D	135.93	135.59
16	138.74	138.30
16D	138.70	138.38

- SOIL SAMPLE
- NUMBER OF PARKING SPACES (DOESN'T INCLUDE HANDICAP SPACES)
- HANDICAP PARKING SPACES
- GROUND LIGHT
- MONITOR WELL
- AIR CONDITIONING UNIT
- WATER MAIN
- IRRIGATION CONTROL VALVE
- ELECTRICAL TRANSFORMER
- CLEAN OUT (C.O.)
- MANHOLE
- CATCH BASIN
- DROP INLET
- GAS METER
- WATER METER
- GAS VALVE
- WATER VALVE
- FIRE HYDRANT
- TELEPHONE PEDESTAL
- UTILITY BOX
- GUY WIRE
- LIGHT POLE
- POWER POLE
- GAS MAIN
- OHP — OVERHEAD POWERLINE
- SS — SANITARY SEWER LINE
- SD — STORM DRAINAGE LINE
- W — WATER LINE
- NG — NATURAL GAS LINE
- T — TELEPHONE LINE
- UGE — UNDERGROUND ELECTRICAL LINE
- UGC — UNDERGROUND CONDUIT
- CTV — CABLE TV LINE
- FMSS — FORCE MAIN SANITARY SEWER LINE
- X — X — X — FENCE
- IPP — IRON PIN PLACED (5/8" REBAR)
- IPF — IRON PIN FOUND
- GMF — GRANITE MONUMENT FOUND
- CC — COMPUTED CORNER

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

REFERENCE:
1. A PLAT FOR JOHN T. KINSEY BY EDISTO ENGINEERS & SURVEYORS, INC. DATED SEPTEMBER 10, 2008.
2. A PLAT FOR JOHN KINSEY BY EDISTO ENGINEERS & SURVEYORS, INC. DATED MAY 21, 2007 REVISED FEBRUARY 22, 2008.
3. A PLAT FOR DELAVAN, INC. BY EDISTO SURVEYORS & ASSOCIATES DATED JULY 15, 1983.

NOTES:
NO ABSTRACT OF TITLE, NOR THE TITLE COMMITMENT, OR RESULTS OF A TITLE SEARCH WERE FURNISHED TO THE SURVEYOR. THERE MAY EXIST OTHER DOCUMENTS OF RECORD THAT MAY AFFECT THIS SURVEYED PARCEL.

CERTIFICATION IS MADE TO THOSE PERSONS FOR WHICH THIS PLAT WAS PREPARED AND IS NOT TRANSFERABLE.

ADJACENT OWNERS SHOWN AS LISTED PER WWW.BAMBERGCOUNTYSC.GOV.

THE LOCATION AND SIZES OF UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE. LOCATIONS ARE BASED ON DATA PROVIDED BY UTILITY PURVEYORS, EVIDENCE OF ABOVE GROUND APPURTENANCES, AND OTHER FIELD OBSERVATIONS. ACTUAL LOCATIONS SHOULD BE VERIFIED BEFORE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. ENTRANCE INTO CONFINED SPACES TO VERIFY THE SIZE OF UNDERGROUND APPURTENANCES WAS NOT WITHIN THE SCOPE OF THIS SURVEY. ACTUAL SIZES SHOULD BE VERIFIED DURING DETAILED DESIGN OF ANY IMPROVEMENTS.

DISTANCES SHOWN ON THIS DRAWING ARE GROUND DISTANCES. GRID BEARINGS AND ELEVATIONS (NAVD88) SHOWN ARE DERIVED FROM THE SC GEODETIC SURVEY REAL TIME NETWORK.

SOUTH CAROLINA
EDISTO ENGINEERS & SURVEYORS, INC.
No. C02349
CERTIFICATE OF AUTHORIZATION

"I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEED THE REQUIREMENTS FOR A CLASS 'A' SURVEY AS SPECIFIED THEREIN. ALSO THERE ARE NO VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN."

RICHARD L. STROMAN
S.C. REG LS NO 5496
(803)536-1104

CLIFTON H. FORKER
S.C. REG LS NO 5747

J. V. JEVERS, JR.
S.C. REG LS NO 10442
FAX (803)531-1815

REVISIONS	DESCRIPTION
8-29-2012	SOIL SAMPLES ADDED

EDISTO ENGINEERS & SURVEYORS, INC.

P.O. BOX 1725
ORANGEBURG, SOUTH CAROLINA 29116
PHONE (803) 536-1104 FAX (803) 531-1815

LOCATION:
STATE OF SOUTH CAROLINA
COUNTY OF BAMBERG
CITY OF BAMBERG
TM 072-08-01-001
TM 072-08-01-002

TITLE:
A
PLAT
OF
19.79 ACRES
PREPARED FOR: HART & HICKMAN

SCALE 1"= 100'
DATE: 6-03-2011
OFF CK: _____
FLD CK: _____
18652REV.DWG

SHEET NO.
1 OF 1
JOB #18652-2189 D

P:\Land Projects 2004\18652\dwg\18652REV.dwg 8/29/2012 4:28:09 AM EDT

SCANNED

RECEIVED
DEC 07 2012
SITE ASSESSMENT, REMEDIATION & REVITALIZATION
A20