Voluntary Remediation Plan

Former Dickies Industrial Services, Inc.
College Park, Georgia
HSI Site No. 10127

May 21, 2010

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1.0 INTRODUCTION

This submittal is the initial application for entry into the Voluntary Remediation Program for the Former Dickies Industrial Services, Inc. Site located at 2411 Sullivan Road (HSI# 10127). The Voluntary Remediation Program (VRP) Application and Checklist is provided in Appendix A. This Voluntary Remediation Plan (Plan) has been organized to respond to all parts of the VRP Application Checklist, as documented in the list of cross-references provided on the checklist in Appendix A.

1.1 SITE DESCRIPTION AND HISTORY

This facility is located in College Park, Georgia as shown on the topographic map in Figure 1-1. The facility building was constructed in 1969 and operated as an industrial laundry from 1970 to 1984. Operations at the plant from 1970 to 1984 included the use of PCE and associated distillation equipment for recovery and recycling of this material. The approximate locations of the former dry cleaning operations and the former bulk storage areas are shown on Figure 1-2. Currently, the facility is used as a warehouse/distribution center for apparel. A copy of the warranty deed for this property is provided in Appendix B. A map of the tax parcel boundaries is provided as Appendix C.

According to boring logs prepared during investigation over the past twenty years, the facility is underlain by saprolite of varying thickness, then hard granite gneiss and a mica schist. A network of monitoring wells has been installed over the last two decades; a monitoring well location map is provided in Figure 1-3.

The general direction of ground water flow is to the east/slight northeast, at an estimated rate of 39 to 67 feet per year. As documented in the CAP, horizontal hydraulic gradients for the facility and nearby properties estimated from the water table contours range from 0.002 to 0.008. Based on these data and an assumed porosity of 0.2 and gradient of 0.005, the ground water flow at the site is estimated to be in the range of 39 to 67 feet per year.

Corrective Action has been guided by documents submitted to and approved by the EPD. A Compliance Status Report (CSR) was submitted to the EPD in a series of submittals from 1998 through August 15, 2000. The CSR was approved by the EPD on February 14, 2001. A Corrective

Action Plan (CAP) was prepared and submitted to the EPD on June 13, 2001 and approved on June 28, 2002. A brief CAP Addendum was submitted on April 19, 2004 and approved by the EPD on June 18, 2004. This CAP was implemented at the Site along with appropriate modifications in application that were discussed in annual progress reports provided to the EPD regarding CAP implementation.

A revised Corrective Action Plan was submitted to the EPD on November 12, 2009; however, approval and/or comments have not yet been received.

1.2 VRP ELIGIBILITY

The Former Dickies Industrial Services, Inc. Site is eligible to be a participant in the VRP because:

- The site is currently under regulation of the GA HSRA Program and
- The party responsible for responding to the HSI Site also owns this property.

Similarly, the site is eligible because it is:

- NOT in violation of any order, judgment, statue, rule or regulation subject to the enforcement authority of GAEPD
- NOT listed on the National Priority List
- NOT undergoing response activities required by USEPA
- NOT a permitted TSDF
- NOT in violation of orders or regulations subject to the enforcement authority of GAEPD

1.3 CHEMICALS OF INTEREST

Contamination resulted from releases of tetrachloroethene (PCE) to soil (Table 1-1), the exact origin and timing of the release is not known. Thus, PCE and its degradation products are the chemicals of interest at the site. Each chemical of interest is listed below and the delineation concentration for each is provided in Table 1-2.

- Tetrachloroethene,
- Trichloroethene,
- Cis 1-2 Dichloroethene,
- Trans 1-2 Dichloroethene, and
- Vinyl chloride.

1.4 *RECEPTORS AND WATER USAGE*

A map of the potential ground water receptors within three miles of the Site is provided in Figure 1-4. This Receptor Map shows that there are no ground water receptors in the downgradient direction within three miles of the Site.

1.5 *PREVIOUS REMEDIATION*

Soil remediation at this facility began in 1999, and ground water remediation activities began in 2003. The remediation system performance was measured regularly during the corrective action implementation and described in annual reports to the EPD.

1.5.1 *Soil Vapor Extraction*

Soil remediation has been performed using soil vapor extraction (SVE) since 1999. The active SVE system includes a network of 29 soil vapor extraction wells that were installed in the unsaturated zone under the warehouse floor. SVE has been effective at reducing VOC concentrations to below risk reduction standards in a good portion of the soil, however, some hot spots remain above soil risk reduction standards.

1.5.2 *Ground Water Remediation*

The remedial approach in this area has included a combination of air sparging, in-situ chemical oxidation, and enhanced bioremediation. The air sparge system consists of a rotary screw compressor (maximum capacity 298 scfm at 100 psig) that is connected through an air supply manifold to 42 air sparge wells. These activities have been performed under Underground Injection Control Permit R-166.

Chemical oxidant has been injected into twenty-seven permitted injection locations since the remediation operation began in 2003. Approximately 55,000 gallons of potassium permanganate solution have been injected to reduce VOC concentrations in ground water.

Beginning in 2004, an organic carbon substrate was injected into the downgradient portion of the tetrachloroethene plume. The organic carbon source that was used at this facility is a blend of sodium lactate, ethyl lactate, and soybean oil. The carbon source was added to promote the growth of dehalorespiring bacteria that sequentially transform chlorinated ethylenes through reductive dechlorination with the ultimate production of ethylene.

2.0 CLEANUP STANDARDS

A summary of cleanup standards to be used for this site in the Voluntary Remediation Program is provided in Table 2-1.

The soil cleanup standards that will be used for this site will be the risk reduction standards (RRS) currently used in the HSRA program. The RRS that are guiding corrective action for soils were approved in EPD correspondence dated October 12, 2005. For the compounds of interest at this site the surface and subsurface standards were calculated to be equal, so only a singe soil RRS is listed in Table 2-1.

Ground water cleanup standards are not included for this site, since ground water cleanup is not required per Section 12-8-107(g)(2) of the VRP Act, which states:

> "The participant shall not be required to perform corrective action or to certify compliance for groundwater if the voluntary remediation property was listed on the inventory as a result of a release to soil exceeding a reportable quantity for soil but was not listed on the inventory as a result of a release to groundwater exceeding a reportable quantity, and if the participant further demonstrates to the director at the time of enrollment that a release exceeding a reportable quantity for groundwater does not exist at the voluntary remediation property; and the groundwater protection requirements for soils shall be based on protection of the established point of exposure for groundwater as provided under this part… "

Surface water cleanup standards were not included because there are no surface water bodies within/between the source area and the 1000' downgradient hypothetical well.

3.0 SOIL DELINEATION & CURRENT STATUS

Soils monitoring that was performed annually assess SVE system operation showed that some recalcitrant areas were not being treated to low enough levels using the SVE system. Soil sampling was conducted in May 2009 and January 2010 for analysis of the chemicals of interest, in order to better delineate soils that remain above the cleanup standards. These soil sampling results serve the purpose of providing soil delineation and providing information about the current status of the chemicals of interest in soil. The laboratory reports from these sampling events are provided in Appendix D, and the results of the soil sampling are summarized in Table 3-1. A map of the soil sampling locations is provided in Figure 3-1. This figure uses color coding to indicated the samples in compliance with the cleanup standards (green) and the sample that exceed cleanup standards (red). The soils exceeding cleanup standards are scheduled for excavation, thus the excavation limits shown on Figure 3-1 are based on the current understanding of soil delineation.

The soil data is also presented in cross section view in Figure 3-2 and Figure 3-3. The limits of delineation/excavation are also shown in these cross section figures.

4.0 CURRENT GROUND WATER STATUS

4.1 GROUND WATER ELEVATION MONITORING

Potentiometric surface maps were created from data collected at site monitoring wells using an electronic water level meter in October 2009 (Figure 4-1). Ground water movement at the site is predominately toward the east. A summary of historical and current ground water level measurements is provided in Table 4-1.

4.2 CURRENT GROUND WATER CONDITIONS

VOCs in ground water have been used as the main parameter for judging remediation effectiveness. For the last six years, VOC concentrations in ground water samples from over twenty-five monitoring wells have been used to evaluate the impact of both the source control area that received aggressive treatment, as well as in the natural attenuation area in the more dilute portions of the plume.

Ground water samples were most recently collected in October 2009. Low flow purging methods were used and parameters were monitored for stabilization. Sampling logs are provided in Appendix E; the laboratory data are provided in Appendix F.

Ground water samples were placed into containers provided by the analytical laboratory. ERM personnel transferred the samples to Analytical Services, Inc. (ASI), located in Atlanta, Georgia. The analytical results for these events were used to update the historical ground water quality data table for the site. The updated data table is provided in Table 4-2.

The data from the October 2009 sampling event was used to create an isoconcentration plume map for the main chemical of interest, tetrachloroethene (Figure 4-2).

4.3 *GROUND WATER QUALITY ASSURANCE/QUALITY CONTROL SAMPLING*

Quality assurance/quality control (QA/QC) samples were routinely included in the ground water sampling discussed above. These include trip blanks and duplicate samples. Duplicate samples were collected at a rate of one for every ten samples. Additionally, a trip blank was included in each shipment to the laboratory.

Analytical reports for the QA/QC samples from the soil sampling activities are included in Appendix D. Analytical reports for the QA/QC samples from the ground water sampling activities are included in Appendix F.

5.0 CORRECTIVE ACTION

5.1 SOIL EXCAVATION AND COMPLIANCE CERTIFICATION

The soils that remain above the cleanup standards will be excavated and disposed at an appropriate permitted landfill. The SVE system equipment, piping, and wells will be abandoned in advance of the excavation. The areas to be excavated are shown on Figure 5-1. The soils will be excavated and removed from the site for disposal. This will include saw cutting and removing the concrete in this area for disposal. The typical depth of the excavation will be four feet; certain areas will go deeper and others shallower (Figure 5-1). The outdoor soil excavation will include the removal of a waste water holding tank located outside the northwest corner of the warehouse. The excavation areas are based on soil data that was summarized in Section 3 of this plan. The volumes to be excavated are summarized below:

- ***TOTAL VOLUME, CY = 603 CY***
- ***MASS, TONS = 965 TONS (1.6 tons/CY)***
  - Area A – 30 CY,
  - Area B – 44 CY,
  - Area C – 4 CY,
  - Area D – 7 CY,
  - Area E – 389 CY,
  - Area F – 15 CY,
  - Area G – 15 CY,
  - WW Tank – 44 CY, and
  - 10% Contingency – 55 CY

It is expected that this work will result in the transportation and disposal of approximately 965 tons of soil at a Subtitle D landfill. The soil planned for excavation can be managed as a characteristically non- hazardous waste, based on TCLP results collected during the January 2009 soil sampling event (lab reports in Appendix F).

Once soils have been excavated, verification sampling will be conducted on the soils remaining-in-place to confirm compliance with the RRS.

Samples will be collected from the sidewalls and bottom of the excavation. These soil samples will be analyzed for VOCs by Method 8260.

Confirmation samples will be collected on each sidewall every 60 feet. No sidewall will have less than one confirmation sample. The sidewall samples will be collected half way down the sidewall. If a side wall is greater than 6′ tall, then two samples should be collected. In such a case, that first sample would represent the 0-6′ interval, and the deeper sample will represent the soil depth between 6′ deep and the top of the ground water table (which is ~12 feet below the finished floor elevation of the warehouse).

Confirmation samples will be collected on the base of the excavations every 1,000 square feet. The samples will be collected from the excavation surface to a depth of 6″. The bottom samples will be collected in the center of each 1,000 square foot area. A minimum of one confirmation sample will be collected from the base of each excavation area.

No further excavation will be conducted if the analyses indicate that the VOC concentrations in the closure verification soil samples are at or below the RRS. If concentrations exceed these levels, additional soils will be removed and, subsequently, additional samples collected. This process will be continued until soils containing VOCs at levels above the RRS are removed to the extent practicable.

Site restoration will be conducted once the soils above the RRS have been removed from the site, and once verification sampling indicates that the soil RRS have been met. Excavated areas will be backfilled to bring them to grade. Samples of the fill will be collected and analyzed for metals and VOCs prior to use to ensure it is appropriate for use as clean fill.

5.2 SUBMIT COMPLIANCE STATUS REPORT

A Compliance Status Report will be prepared to certify soil compliance with cleanup standards after the excavation and confirmation sampling is complete.

5.3 *WELL ABANDONMENT AND DECOMMISSIONING OF REMEDIATION EQUIPMENT*

After concurrence for this approach is given by the EPD, the ground water remediation systems will be decommissioned. In addition to closure of the remediation systems, the monitoring wells and remediation wells will be properly abandoned by a licensed driller.

5.4 *SCHEDULE*

A schedule of future activities is provided in Figure 5-2. The activities to achieve site closure include soil excavation, confirmation sampling, preparation of a CSR, and monitoring well abandonment.

5.5 *COST ESTIMATE*

Dickies has been performing investigation of this site for the past two decades. Dickies commenced remediation efforts at this site in 1999. During the past two decades, Dickies has invested over three million dollars on site investigation and remediation.

The cost estimate of the soil excavation includes soil removal and post-excavation sampling to confirm compliance with soil RRS. The estimated costs are shown below.

ITEM	ESTIMATED COST
Abandoning Systems In Excavation Area	$ 18,000
Soil Excavation and Confirmation Sampling	$ 270,000
Compliance Status Report	$ 25,000
Well Abandonment and Decommissioning of Remediation Equipment	$ 75,000
Estimated Total Cost	**$ 388,000**

“

6.0 *PE CERTIFICATION*

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Shanna Thompson PE031306 — 5/21/2010

Printed Name and GA PE/PG Number — Date

Shanna Thompson

Signature and Stamp

GEORGIA REGISTERED No. 031306 PROFESSIONAL ENGINEER SHANNA L. THOMPSON

Tables

Table 1-1
Table of Regulated Substances
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

Compound	CAS #
tetrachloroethene	127184
trichloroethene	79016
cis-1,2-dichlorethene	156592
trans-1,2-dichlorethene	156605
vinyl chloride	75014

Note:
1,4 dioxane was also tested in 2009/2010, but was not found above applicable RRS.

Table 1-2
Table of Delineation Concentrations
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

Compound	CAS #	Ground Water Delineation Concentration (i.e. typical laboratory detection limit)	Soil Delineation Concentration (i.e. typical laboratory detection limit)
tetrachloroethene	127184	Not applicable, per 12-8-107(g)(2)	5 ug/kg
trichloroethene	79016	Not applicable, per 12-8-107(g)(2)	5 ug/kg
cis-1,2-dichlorethene	156592	Not applicable, per 12-8-107(g)(2)	5 ug/kg
trans-1,2-dichlorethene	156605	Not applicable, per 12-8-107(g)(2)	5 ug/kg
vinyl chloride	75014	Not applicable, per 12-8-107(g)(2)	10 ug/kg

Note:
1,4 dioxane was also tested in 2009/2010, but was not found above applicable RRS.

Table 2-1
Table of Cleanup Standards
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

Compound	CAS #	Ground Water VRP Cleanup Standard	Surface Soil (0 - 2 ft bgs) VRP Cleanup Standard	Subsurface Soil (Deeper than 2 ft bgs) VRP Cleanup Standard
tetrachloroethene	127184	Not applicable, per 12-8-107(g)(2)	877 ug/kg	877 ug/kg
trichloroethene	79016	Not applicable, per 12-8-107(g)(2)	500 ug/kg	500 ug/kg
cis-1,2-dichlorethene	156592	Not applicable, per 12-8-107(g)(2)	18,900 ug/kg	18,900 ug/kg
trans-1,2-dichlorethene	156605	Not applicable, per 12-8-107(g)(2)	See notes	See notes
vinyl chloride	75014	Not applicable, per 12-8-107(g)(2)	200 ug/kg	200 ug/kg
1,4 dioxane	123911	Not applicable, per 12-8-107(g)(2)	See notes	See notes

Note:
1,4 dioxane was also tested in 2009/2010, but was not found above applicable RRS.
Trans-1,2-DCE and 1,4 dioxane RRS were not calculated previously. The RRS vales that were calculated by ERM for another HSI in an industrial environment were used for evaluation.

Table 3-1
Results of Soil Sampling and Analysis
Former Dickies Industrial Services, Inc.
HSI Site No. 10127

January 2010

Soil Boring ID	Depth (ft)	Date Sampled	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,4 Dioxane	Vinyl Chloride
GP-5E	3	Jan-10	74	13	<4.8	<4.8	140	<9.5
GP-100	4	Jan-10	150	<4.9	<4.9	<4.9	<150	<9.8
	7	Jan-10	8.4	<5.6	<5.6	<5.6	<170	<11
GP-101	3	Jan-10	8200	<230	<230	<230	<7000	<470
	8	Jan-10	40	<6.2	<6.2	<6.2	<180	<12
GP-102	3	Jan-10	170	<4.5	<4.5	<4.5	<130	<9
	8	Jan-10	<5.6	<5.6	<5.6	<5.6	<170	<11
GP-103	3	Jan-10	1800	<4.3	<4.3	<4.3	<130	<8.6
	8	Jan-10	65	<5.8	<5.8	<5.8	<170	<12
GP-104	3	Jan-10	120	<6.4	<6.4	<6.4	<190	<13
	8	Jan-10	47	<6.0	<6.0	<6.0	<180	<12
HA-19	2.5	Jan-10	82000	1200	<240	<240	<7100	<470
	5	Jan-10	47	9.9	<5.7	<5.7	<170	<11
GP-5H	3	Jan-10	61000	2300	<210	<210	<6400	<430
AEM-GP-4	1.5	Jan-10	160	7.6	<4.8	<4.8	<140	<9.6
HA-30	3	Jan-10	43000	1700	38	<4.9	<150	<9.7
	5	Jan-10	53000	5700	16	<5.4	<160	<11
HA-31	3	Jan-10	100000	600	<260	<260	<7800	<520
	5	Jan-10	48000	1100	<270	<270	<8200	<550
HA-32	3	Jan-10	30000	49	<4.8	<4.8	<150	<9.7
	5	Jan-10	660	8.1	<4.6	<4.6	<140	<9.1
GP-1A	7	Jan-10	9.4	<5.0	<5.0	<5.0	<150	<10
	10	Jan-10	24	<6.2	<6.2	<6.2	<190	<12
GP-2A	3	Jan-10	25000	<240	<240	<240	<7100	<470
	10	Jan-10	610	<5.8	<5.8	<5.8	<170	<12
GP-3A	5	Jan-10	30	<5.4	<5.4	<5.4	<160	<11
GP-2B	2	Jan-10	66000	52	<4.9	<4.9	<150	<9.7
	5	Jan-10	14	<4.9	<4.9	<4.9	<150	<9.8
GP-2C	1	Jan-10	910	270	<4.5	<4.5	<140	<9.0
AEM-HA6	4.5	Jan-10	69	<6	<6	<6.0	<180	<12
	7	Jan-10	13	<4.9	<4.9	<4.9	<150	<9.8
HA-23	3	Jan-10	1100	67	<5.0	<5.0	<150	<9.9
	7	Jan-10	89	15	<5.6	<5.6	<170	<11
	10	Jan-10	39	<5.5	<5.5	<5.5	<160	<11
GP-5D	11	Jan-10	620	<6.6	<6.6	<6.6	<200	<13
GP-AS-23	5	Jan-10	89	<4.6	<4.6	<4.6	<140	<9.3
GP-5GR	3	Jan-10	6600	13	<5.2	<5.2	<160	<10
GP-5D	3	Jan-10	39000	<250	<250	<250	<7500	<500
GP-AS-39	3	Jan-10	2000	<5.9	<5.9	<5.9	<180	<12
	11	Jan-10	530	<5.8	<5.8	<5.8	<170	<12
GP-AS-40	3	Jan-10	1500	10	<4.5	<4.5	<130	<9.0
AEM-GP-3	3	Jan-10	12000	3100	34	<4.9	<150	<9.7

NOTES:
NA = Not Analyzed
Bold text indicates values above detection limit
Highlighted Values exceed the Type 3 RRS
Trans-1,2-DCE and 1,4 dioxane RRS were not calculated previously. The RRS vales that were calculated by ERM for another HSI in an industrial environment were used for evaluation.

Table 3-1
Results of Soil Sampling and Analysis
Former Dickies Industrial Services, Inc.
HSI Site No. 10127

May 2009

Soil Boring ID	Depth (ft)	Date Sampled	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,4 Dioxane	Vinyl Chloride
HA-1	3	May-09	<4.6	<4.6	<4.6	<4.6	NA	<9.2
	6	May-09	**47**	<5.6	<5.6	<5.6	NA	<11
HA-2	3	May-09	**170**	**5.6**	**35**	<5.2	NA	<10
	6	May-09	**65**	<5.6	<5.6	<5.6	NA	<11
HA-3	3	May-09	**24**	<6.4	<6.4	<6.4	NA	<13
	6	May-09	**15**	<5.2	<5.2	<5.2	NA	<10
HA-4	3	May-09	**130**	<5.0	<5.0	<5.0	NA	<10
	6	May-09	**290**	**10**	**27**	<5.0	NA	<9.9
HA-9	3	May-09	**17**	**21**	**5.3**	<4.6	<460	<9.2
HA-10	5	May-09	**29**	<4.8	<4.8	<4.8	<480	<9.7
HA-11	5	May-09	**31**	<4.2	<4.2	<4.2	<420	<8.5
12 (HA-12)	5	May-09	**950**	<300	<300	<300	<30000	<600
HA-13	3	May-09	**42**	**18**	<5.4	<5.4	<540	<11
HA-14	3	May-09	**32**	**91**	**59**	<5.0	<500	<9.9
HA-15	5	May-09	**5.6**	<5.2	<5.2	<5.2	<520	<10
HA-16	5	May-09	<4.7	<4.7	<4.7	<4.7	<470	<9.3
17 (HA-17)	5	May-09	<5.0	<5.0	<5.0	<5.0	<500	<10
HA-18	3	May-09	**85**	**7.4**	<5.4	<5.4	<540	<11
HA-19	3	May-09	**13,000**	**2,500**	**24**	<4.8	<480	<9.7
HA-20	5	May-09	<5.2	<5.2	<5.8	<5.8	<580	<12
HA-21	3	May-09	**230**	<5.6	<5.6	<5.6	<560	<11
HA-22	3	May-09	**23**	<5.6	<5.6	<5.6	<560	<11
HA-23	3	May-09	**5,700**	**600**	<5.1	<5.1	<510	<10
HA-24	5	May-09	<4.4	**100**	**180**	**61**	<440	<8.8
HA-25	3	May-09	**85**	<4.6	<4.6	<4.6	<460	<9.2
HA-26	3	May-09	**20**	<5.5	<5.5	<5.5	<550	<11
HA-27	5	May-09	**12**	<5.6	<5.6	<5.6	<560	<11
28 (HA-28)	5	May-09	**14**	<4.6	<4.6	<4.6	<460	<9.2
29 (HA-29)	5	May-09	<5.2	<5.2	<5.2	<5.2	<520	<10

NOTES:

NA = Not Analyzed

Bold text indicates values above detection limit

Highlighted Values exceed the Type 3 RRS

Trans-1,2-DCE and 1,4 dioxane RRS were not calculated previously. The RRS vales that were calculated by ERM for another HSI in an industrial environment were used for evaluation.

Table 4-1
Ground Water Elevation Data
Former Dickies Industrial Services, Inc.
HSI Site No. 10127

		October 3, 2005		October 11, 2006		October 10, 2007		October 6, 2008		October 20, 2009	
Well ID	**TOC ELEV**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**
MW-1	**1014.29**	9.53	1004.76	12.50	1001.79	14.10	1000.19	14.15	1000.14	10.35	1003.94
MW-2	**1012.85**	5.11	1007.74	9.80	1003.05	12.21	1000.64	12.86	999.99	9.58	1003.27
MW-4	**1014.11**	8.94	1005.17	10.60	1003.51	13.10	1001.01	13.67	1000.44	10.00	1004.11
MW-8	**1013.21**	8.14	1005.07	9.90	1003.31	11.38	1001.83	13.12	1000.09	9.83	1003.38
MW-9	**1016.90**	12.22	1004.68	13.90	1003.00	16.05	1000.85	16.44	1000.46	13.35	1003.55
MW-10	**1018.08**	13.53	1004.55	15.50	1002.58	17.90	1000.18	18.11	999.97	14.48	1003.60
MW-10A	**1015.78**	11.42	1004.36	13.10	1002.68	15.58	1000.20	15.88	999.90	12.68	1003.10
MW-12	**1013.25**	13.23	1000.02	13.40	999.85	15.37	997.88	15.95	997.30	13.18	1000.07
MW-13	**1013.50**	12.72	1004.17	10.80	1002.70	12.90	1000.60	13.46	1000.04	10.73	1002.77
MW-13A	**1013.56**	NM	NM	10.80	1002.76	12.94	1000.62	13.50	1000.06	10.78	1002.78
MW-14	**1017.28**	11.97	1005.31	13.80	1003.48	15.89	1001.39	16.45	1000.83	13.64	1003.64
MW-18D	**1013.97**	5.92	1008.05	10.80	1003.17	12.19	1001.78	13.46	1000.51	10.80	1003.17
MW-19	**1022.36**	19.50	1002.86	20.96	1001.40	21.46	1000.90	23.92	998.44	21.66	1000.70
MW-20	**1022.45**	21.02	1001.43	22.31	1000.14	24.11	998.34	24.79	997.66	23.08	999.37
MW-25	**1022.82**	25.59	997.23	27.30	995.52	28.85	993.97	29.50	993.32	27.85	994.97
MW-28R	**1009.53**	NM	NM	10.45	999.08	11.56	997.97	17.75	991.78	14.65	994.88
MW-29R	**1010.07**	10.92	999.15	12.54	997.53	13.29	996.78	14.32	995.75	10.70	999.37
MW-32	**1019.19**	17.20	1001.99	16.09	1003.10	16.78	1002.41	18.80	1000.39	15.91	1003.28
MW-33	**1029.73**	25.30	1004.43	27.20	1002.53	29.24	1000.49	29.55	1000.18	27.34	1002.39
MW-34	**1015.40**	NM	NM	11.90	1003.50	14.23	1001.17	14.92	1000.48	12.23	1003.17
MW-35	**1022.55**	NM	NM	19.16	1003.39	21.31	1001.24	22.30	1000.25	20.79	1001.76
MW-35A	**1022.57**	NM	NM	19.15	1003.42	21.31	1001.26	22.30	1000.27	20.80	1001.77
MW-36	**1015.16**	NM	NM	12.22	1002.94	14.30	1000.86	14.90	1000.26	11.90	1003.26
MW-37	**1013.49**	NM	NM	10.94	1002.55	13.31	1000.18	13.80	999.69	10.64	1002.85
MW-37A	**1013.69**	9.34	1004.35	10.96	1002.73	13.15	1000.54	13.75	999.94	10.85	1002.84
MW-38	**1018.40**	14.53	1003.87	15.70	1002.70	17.91	1000.49	19.65	998.75	16.76	1001.64
MW-38A	**1018.31**	14.50	1003.81	15.70	1002.61	17.93	1000.38	18.92	999.39	16.64	1001.67

Table 4-2
VOCs in Ground Water Monitoring Wells
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

	Apr-01	Aug/Sept-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Oct-04	Feb-05	Apr-05	Apr-06	Sep-06	Oct-06	Apr-07	Oct-07	Apr-08	Jun-08	Oct-08	Apr-09	Oct-09	Jan-10
Tetrachloroethene																							
MW-1	54,000	53,000	45,000	30,000	60,000	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	590	NS	NS	6200	NS	14000	NS
MW-2	51,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	61	NS	16	27	9	31	NS	21	NS	59	NS
MW-4	57,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	940	NS	NS	NS	2	NS	1500	NS	NS	1700	NS	1100	NS
MW-8	46,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	2,100	NS	190	NS	5300	10000	620	NS	NS	550	NS	< 2	NS
MW-9	< 5	3	NS	NS	NS	< 2	NS	NS	NS	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	160	350	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	320	1,400	NS	NS	NS	6,500	NS	NS	NS	2,400	NS	NS	1,600	NS	300	4000	110	1400	NS	410	NS	2200	NS
MW-10A	11,000	11,000	NS	NS	NS	13,000	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	2	6.9	NS	8	660	1500	NS
MW-12 (converted to SVE-4 4/2/03)	4,300	380	NS	NS	NS	350	NS	NS	NS	NS	NS	NS	NS	NS	99	NS	NS	NS	NS	710	NS	220	NS
MW-13	140	69	NS	NS	NS	26	NS	58	NS	37	NS	NS	NS	NS	16	NS	NS	NS	NS	85	NS	89	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	14	NS
MW-14	35	NS	NS	NS	NS	NS	NS	NS	NS	3	NS	NS	NS	NS	< 2	NS	NS	NS	NS	11	NS	6.4	NS
MW-18D	11	34	NS	NS	NS	400	1,300	NS	NS	NS	< 2	NS	< 2	NS	< 2	3	4	7	NS	2	7.6	2.5	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	180	310	220	270	310	420	510	340	490	430	NS	600	NS	560	420	NS	16	NS	12	16	7.0	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	3	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	49	45	100	43	64	68	54	83	74	NS	89	NS	59	68	NS	69	NS	74	70	66	51	NS
MW-28/28R	NS	150	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	420	150	NS	290	270	110	360	310	410	280	NS	NS	NS	NS	170	NS	79	NS	NS	82	NS	< 2	NS
MW-33	36	13	NS	NS	3	3	4	8	21	4	NS	NS	NS	NS	17	NS	6	NS	NS	< 2	NS	2.9	NS
MW-34	NS	< 2	190	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	76	NS	NS	120	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	59	4	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	4	NS	NS	NS	2	NS	NS	NS	NS	4	NS	4	NS	13	2	NS	19	NS
MW-38A	NS	1,300	1,200	1,500	1,300	6,300	5,400	4,200	4,600	2,500	NS	3,700	NS	< 2	< 2	NS	< 2	NS	9	< 2	< 2	< 2	< 2
Trichloroethene																							
MW-1	1,900	1,500	1,100	< 1,000	720	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	68	NS	120	NS
MW-2	3,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	6.3	NS	2	NS	20	NS
MW-4	1,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	32	NS	NS	46	NS	30	NS
MW-8	1,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	150	310	< 2	NS	NS	10	NS	< 2	NS
MW-9	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	7	19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	14	NS	NS	NS	110	NS	NS	NS	< 40	NS	NS	7	NS	19	36	78	160	NS	110	NS	71	NS
MW-10A	3,100	2,600	NS	NS	NS	1,200	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	37	74	NS
MW-12 (converted to SVE-4 4/2/03)	400	220	NS	NS	NS	45	NS	NS	NS	NS	NS	NS	NS	NS	37	NS	NS	NS	NS	110	NS	23	NS
MW-13	< 5	3	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	6	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	3	NS	< 2	NS
MW-18D	< 5	3	NS	NS	NS	14	11	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	5	3	< 10	4	6	< 10	7	< 10	9	NS	11	NS	18	11	NS	3	NS	5	3	< 2	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	3	NS	8	NS	6	7	6.0	4.6	NS
MW-28/28R	NS	8	NS	NS	NS	6	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	24	11	NS	14	13	5	20	21	23	38	NS	NS	NS	NS	14	NS	8	NS	NS	5	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	3	NS	NS	5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	3	< 2	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	3	NS
MW-38A	NS	26	25	26	25	87	100	< 100	110	130	NS	230	NS	< 2	< 2	NS	< 2	NS	3	< 2	< 2	< 2	< 2

Table 4-2
VOCs in Ground Water Monitoring Wells
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

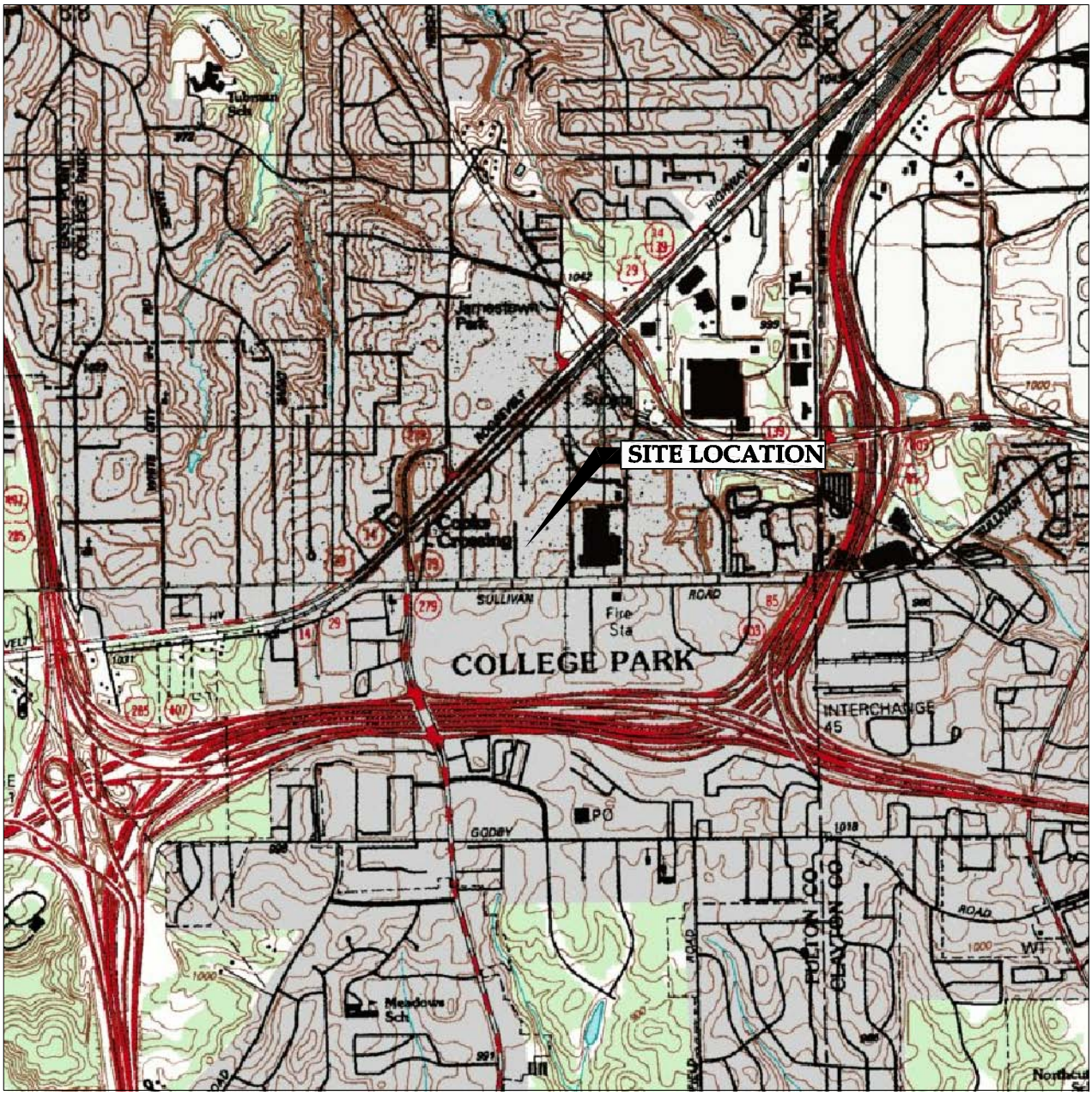
	Apr-01	Aug/Sept-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Oct-04	Feb-05	Apr-05	Apr-06	Sep-06	Oct-06	Apr-07	Oct-07	Apr-08	Jun-08	Oct-08	Apr-09	Oct-09	Jan-10
1,1-Dichloroethene																							
MW-1	< 1,000	11	< 200	< 1,000	4	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-2	46	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-4	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-8	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	< 40	< 2	< 2	NS	NS	< 2	NS	< 2	NS
MW-9	< 5	NR	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	NR	NS	NS	NS	< 20	NS	NS	NS	< 40	NS	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-10A	32	24	NS	NS	NS	< 200	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-12 (converted to SVE-4 4/2/03)	28	NR	NS	NS	NS	< 10	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	3	NS	< 2	NS
MW-13	< 5	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 5	< 2	NS	NS	NS	< 10	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 40	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	< 2	< 2	< 10	< 2	< 2	< 10	< 2	< 10	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-28/28R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	< 5	< 2	NS	< 2	< 2	< 2	< 2	< 2	< 10	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	< 2		NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	< 2	< 2		NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-38A	NS	< 2	< 2	< 20	< 20	< 20	< 100	< 100	< 100	< 20	NS	< 5	NS	20	22	NS	21	NS	< 2	11	2.9	3.8	39
cis-1,2-Dichloroethene																							
MW-1	3,100	4,200	3,400	< 1,000	2,600	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	140	NS	400	NS
MW-2	8,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	4	NS	< 2	< 2	3	9.8	NS	< 2	NS	50	NS
MW-4	7,900	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	70	NS	NS	200	NS	100	NS
MW-8	8,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	500	1100	7	NS	NS	37	NS	< 2	NS
MW-9	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	23	53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	< 10	NS	NS	NS	100	NS	NS	NS	< 40	NS	NS	< 2	NS	5	6	99	69	NS	87	NS	47	NS
MW-10A	8,700	6,900	NS	NS	NS	2,500	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	5	130	170	NS
MW-12 (converted to SVE-4 4/2/03)	920	230	NS	NS	NS	450	NS	NS	NS	NS	NS	NS	NS	NS	190	NS	NS	NS	NS	600	NS	110	NS
MW-13	< 5	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 5	5	NS	NS	NS	21	22	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	4	2	< 10	4	6	< 10	8	< 10	10	NS	10	NS	60	38	NS	610	NS	360	52	280	89	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	< 2	NS	5	NS	16	9	14	13	NS
MW-28/28R	NS	16	NS	NS	NS	10	NS	NS	NS	NS	NS	NS	NS	NS	56	NS	40	NS	NS	6	NS	11	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	85	36	NS	41	40	15	67	77	76	130	NS	NS	NS	NS	42	NS	33	NS	NS	15	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	3	< 2	NS	NS	NS	NS	5	NS	2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	8	NS	NS	12	NS	NS	NS	NS	NS	NS	NS	NS	6	NS	6	NS	NS	6	NS	3.3	NS
MW-37A	NS	12	< 2	NS	NS	3	NS	NS	NS	4	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	2	NS	< 2	NS	2	< 2	NS	3.4	NS
MW-38A	NS	28	26	25	25	110	110	< 100	120	120	NS	190	NS	4800	4700	NS	5000	NS	490	5000	1100	990	8500

Table 4-2
VOCs in Ground Water Monitoring Wells
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

	Apr-01	Aug/Sept-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Oct-04	Feb-05	Apr-05	Apr-06	Sep-06	Oct-06	Apr-07	Oct-07	Apr-08	Jun-08	Oct-08	Apr-09	Oct-09	Jan-10
trans-1,2-Dichloroethene																							
MW-1	< 1,000	23	< 200	< 1,000	14	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	4.8	NS
MW-2	74	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-4	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	3	NS	< 2	NS
MW-8	56	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	< 40	8	< 2	NS	NS	< 2	NS	< 2	NS
MW-9	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	< 10	NS	NS	NS	< 20	NS	NS	NS	< 40	NS	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-10A	39	28	NS	NS	NS	< 200	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	4.3	3.6	NS
MW-12 (converted to SVE-4 4/2/03)	6	< 2	NS	NS	NS	< 10	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	5	NS	< 2	NS
MW-13	< 5	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 5	< 2	NS	NS	NS	< 10	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	< 2	< 2	< 10	< 2	< 2	< 10	< 2	< 10	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	2.4	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-28R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	< 5	< 2	NS	< 2	< 2	< 2	< 2	< 2	< 10	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-38A	NS	< 2	< 2	< 20	< 20	< 20	< 100	< 100	< 100	< 20	NS	< 5	NS	4	21	NS	8	NS	< 2	38	3.0	8	31
Vinyl chloride																							
MW-1	< 1,000	510	360	< 1,000	270	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-2	1,900	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	NS	< 2	NS
MW-4	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-8	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	< 40	6	< 2	NS	NS	< 2	NS	< 2	NS
MW-9	< 2	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 2	< 10	NS	NS	NS	< 20	NS	NS	NS	< 40	NS	NS	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	NS	< 2	NS
MW-10A	270	180	NS	NS	NS	< 200	NS	NS	NS	NS	NS	< 2	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	< 2	< 2	NS
MW-12 (converted to SVE-4 4/2/03)	7	< 2	NS	NS	NS	< 10	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13	< 2	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 2	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 2	< 2	NS	NS	NS	< 10	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	< 2	< 2	NS
MW-19	< 2	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 2	< 2	< 2	< 10	< 2	< 2	< 10	< 2	< 10	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-21 (closed on 6/2/03)	< 2	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-28R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	3	NS	5	NS	NS	< 2	NS	< 2	NS
MW-29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	< 2	< 2	NS	< 2	< 2	< 2	< 2	< 2	< 10	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-33	< 2	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-38A	NS	< 2	< 2	< 20	< 20	< 20	< 100	< 100	< 100	< 20	NS	4	NS	6	7	NS	10	NS	< 2	14	3.7	4.9	29

NS = Not Sampled
NR = Not Reported

Figures



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE: SOUTHWEST ATLANTA, GA – 1995.

SCALE 1:24000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

GEORGIA

QUADRANGLE LOCATION

CONTOUR INTERVAL 10 FEET

DOTTED LINES REPRESENT 5–FOOT CONTOURS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

4/06/10 YMT

100586Site.DWG

ERM

Environmental Resources Management

SITE LOCATION MAP

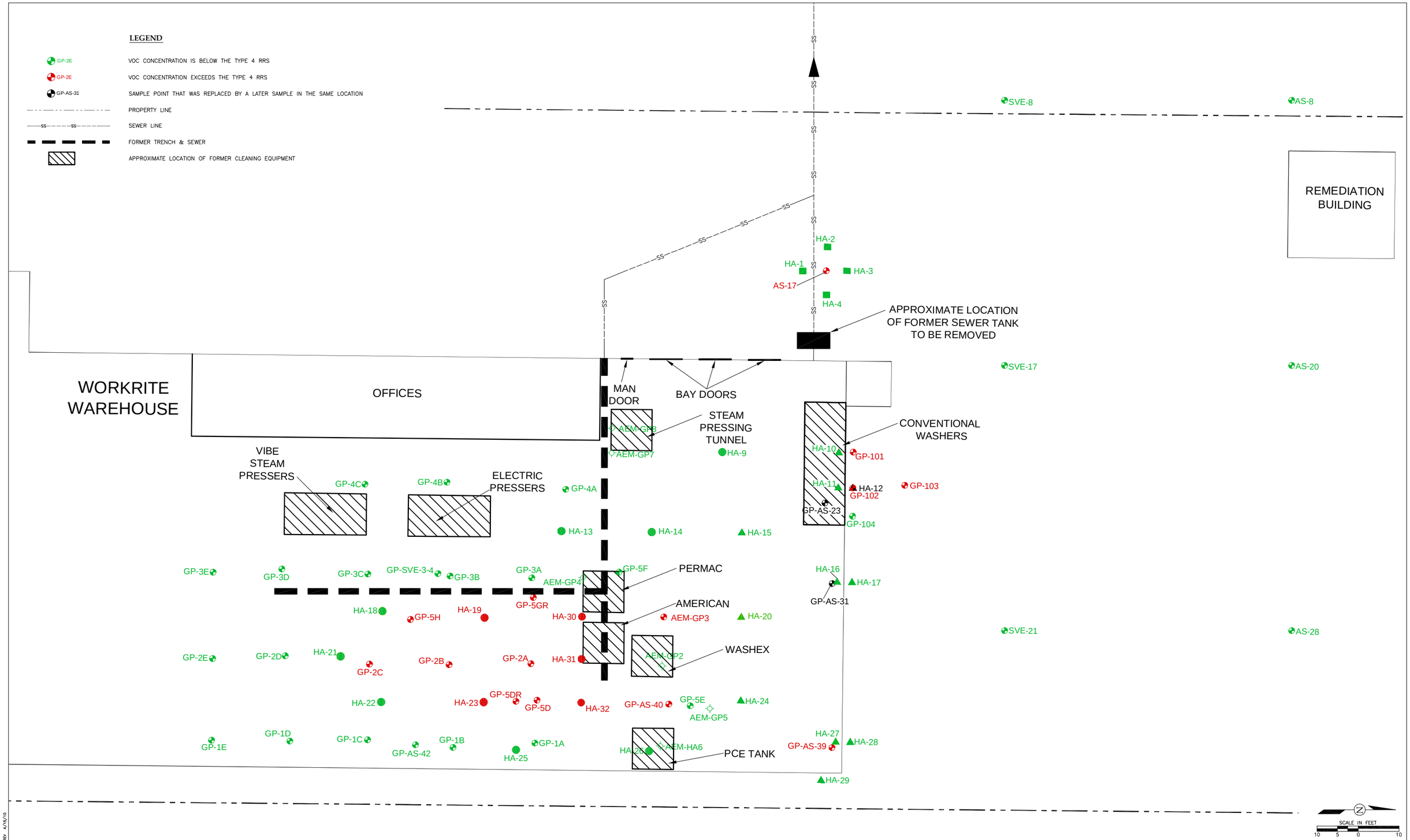
VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC.

COLLEGE PARK, GEORGIA

FIGURE

1-1



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA

DRAWN BY Y. TACKETT	PROJECT ENGINEER S. THOMPSON
DESIGN ENGINEER L. DORMAN	PROJECT MANAGER S. THOMPSON

ERM

NOT FOR CONST-RUCTION

LOCATION OF FORMER OPERATIONS

SCALE AS NOTED	DATE APRIL 7, 2010
PROJECT NO. 100586	AutoCAD 2007 100586 Site Figs.DWG

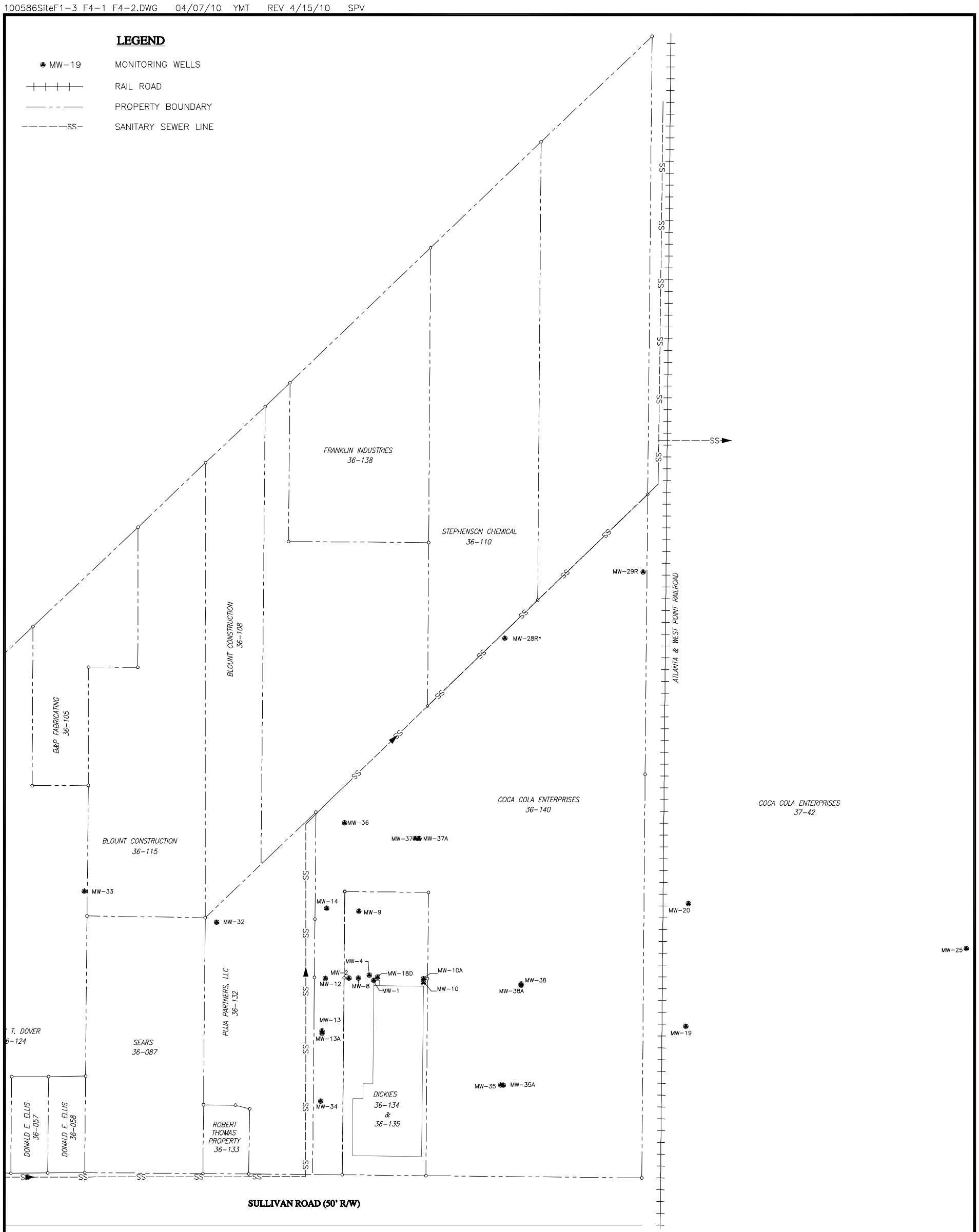
DRAWING NO. **1-2**

REV. NO. **0**

SHEET **1** OF **1**

100586Site.DWG 04/2010 VRP SPV REV 4/15/10

100586SiteF1-3 F4-1 F4-2.DWG 04/07/10 YMT REV 4/15/10 SPV



Environmental Resources Management

ERM

MONITORING WELL LOCATION MAP
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

FIGURE

1-3

LEGEND

- COMMERCIAL WELL
- HOUSEHOLD WELL
- UNUSED WELL
- APPARENT DIRECTION OF GROUND WATER FLOW FROM HSI #10127

N

SCALE IN FEET
0 2500 5000

100586SiteF1-4.DWG 4/15/10 SPV REV 5/13/10

ERM Environmental Resources Management

RECEPTOR MAP
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC.
COLLEGE PARK, GEORGIA

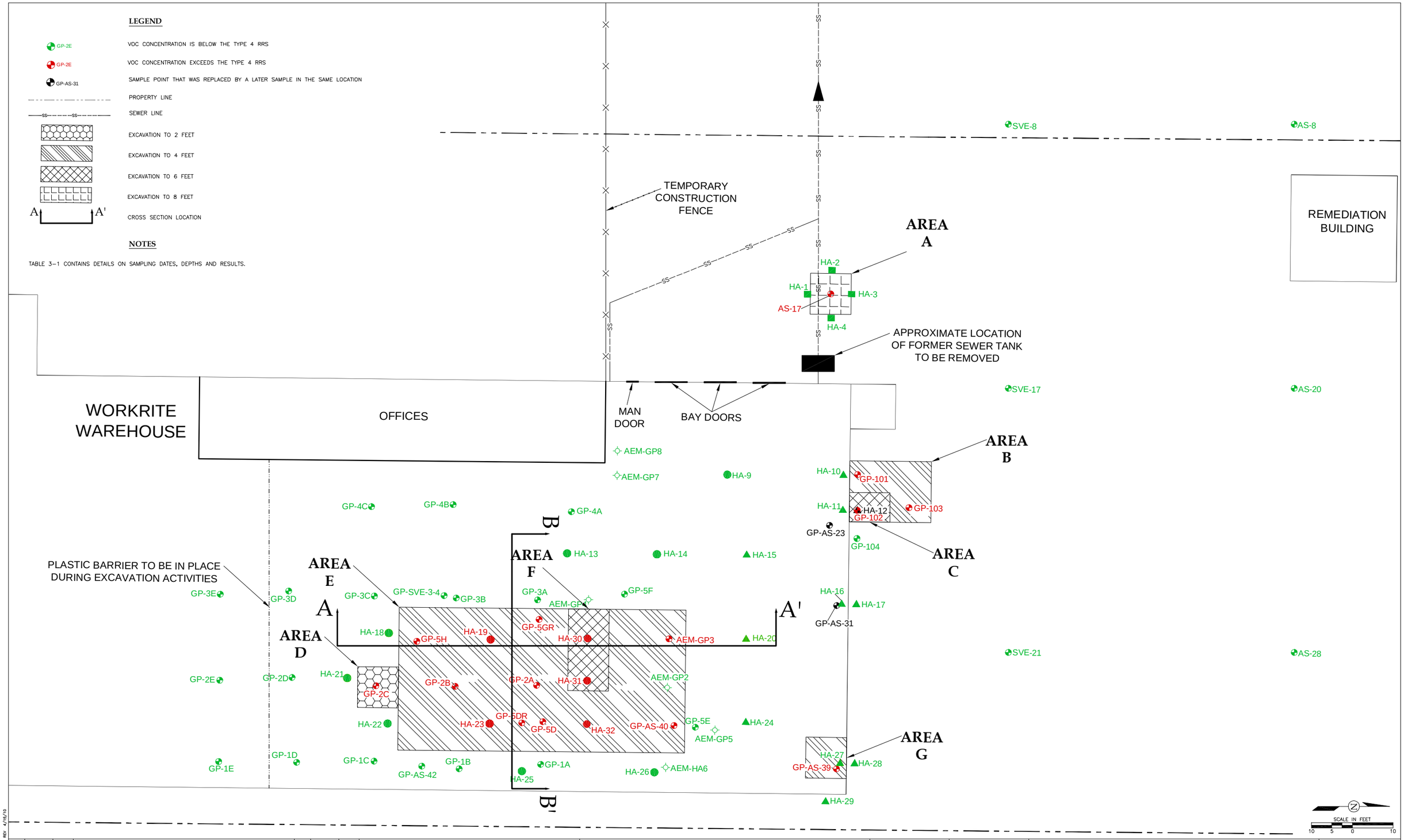
FIGURE
1-4

LEGEND

- GP-2E — VOC CONCENTRATION IS BELOW THE TYPE 4 RRS
- GP-2E — VOC CONCENTRATION EXCEEDS THE TYPE 4 RRS
- GP-AS-31 — SAMPLE POINT THAT WAS REPLACED BY A LATER SAMPLE IN THE SAME LOCATION
- PROPERTY LINE
- SS — SEWER LINE
- EXCAVATION TO 2 FEET
- EXCAVATION TO 4 FEET
- EXCAVATION TO 6 FEET
- EXCAVATION TO 8 FEET
- A — A' CROSS SECTION LOCATION

NOTES

TABLE 3-1 CONTAINS DETAILS ON SAMPLING DATES, DEPTHS AND RESULTS.



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA

DRAWN BY Y. TACKETT	PROJECT ENGINEER S. THOMPSON
DESIGN ENGINEER L. DORMAN	PROJECT MANAGER S. THOMPSON

ERM

NOT FOR CONST-RUCTION

SOIL DELINEATION MAP WITH CROSS SECTION LOCATIONS

SCALE AS NOTED	DATE APRIL 6, 2010
PROJECT NO. 100586	AutoCAD 2007 100586 Site Figs.DWG

DRAWING NO. 3-1

REV. NO. 0

SHEET 1 OF 1

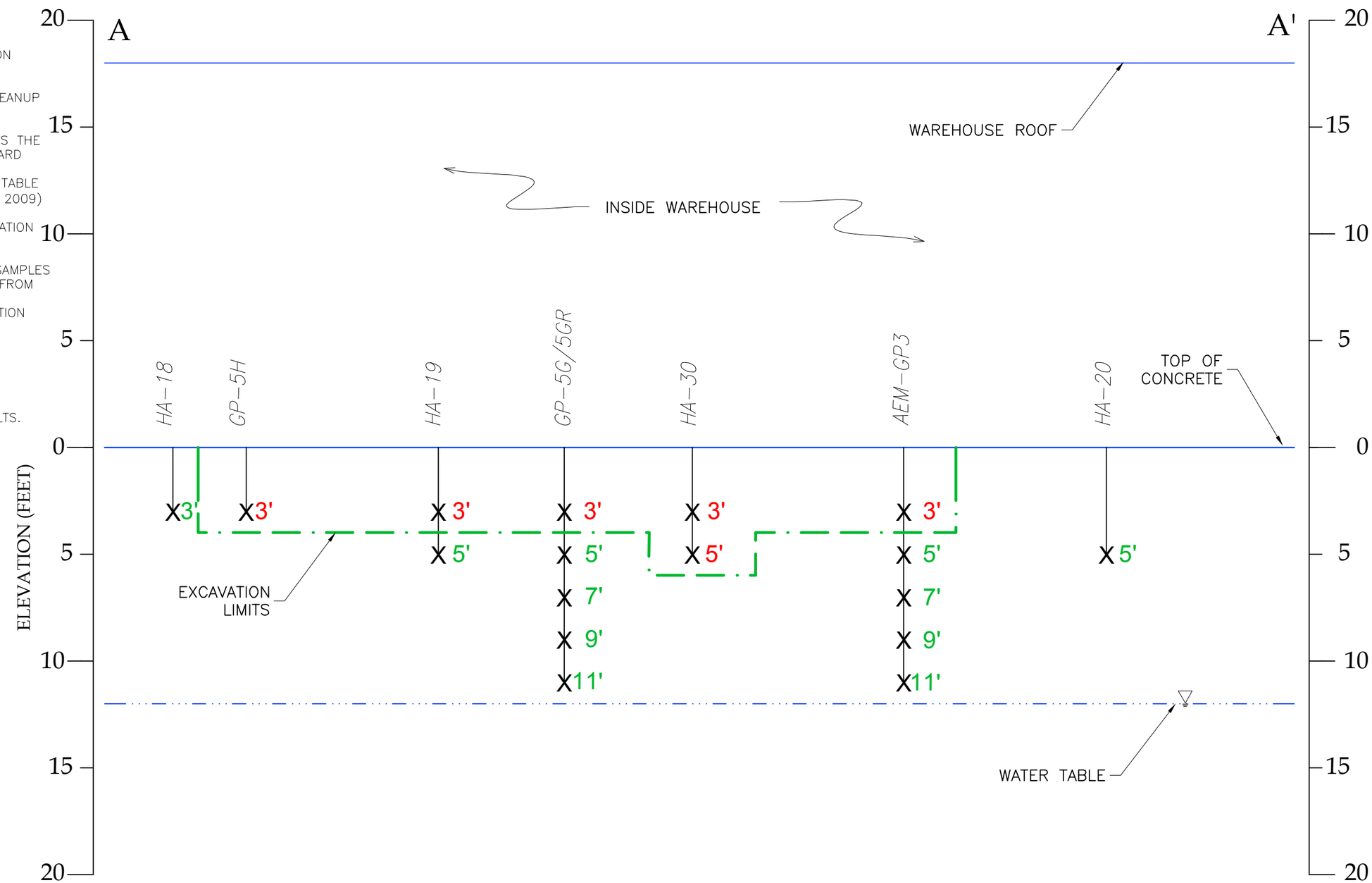
100586Site.DWG 04/2010 VBP SPV REV 4/15/10

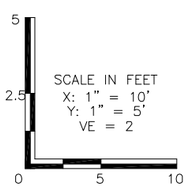
LEGEND

X	SOIL SAMPLE LOCATION
GREEN TEXT	SOIL SAMPLE IS IN COMPLIANCE WITH CLEANUP STANDARDS
RED TEXT	SOIL SAMPLE EXCEEDS THE PCE CLEANUP STANDARD
—··—··—	APPROXIMATE WATER TABLE ELEVATION (OCTOBER 2009)
—— · —— · ——	DENOTES SOIL EXCAVATION THAT WILL OCCUR IN SUMMER 2010. CONFIRMATION SOIL SAMPLES WILL BE COLLECTED FROM THE BASE AND EACH SIDEWALL OF EXCAVATION AREAS.

NOTES

TABLE 3-1 CONTAINS DETAILS ON SAMPLING DATES, DEPTHS AND RESULTS.





100586Site.DWG 4/07/10 YMT REV 4/15/10 SPV

Environmental Resources Management
ERM

CROSS-SECTION A-A'
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

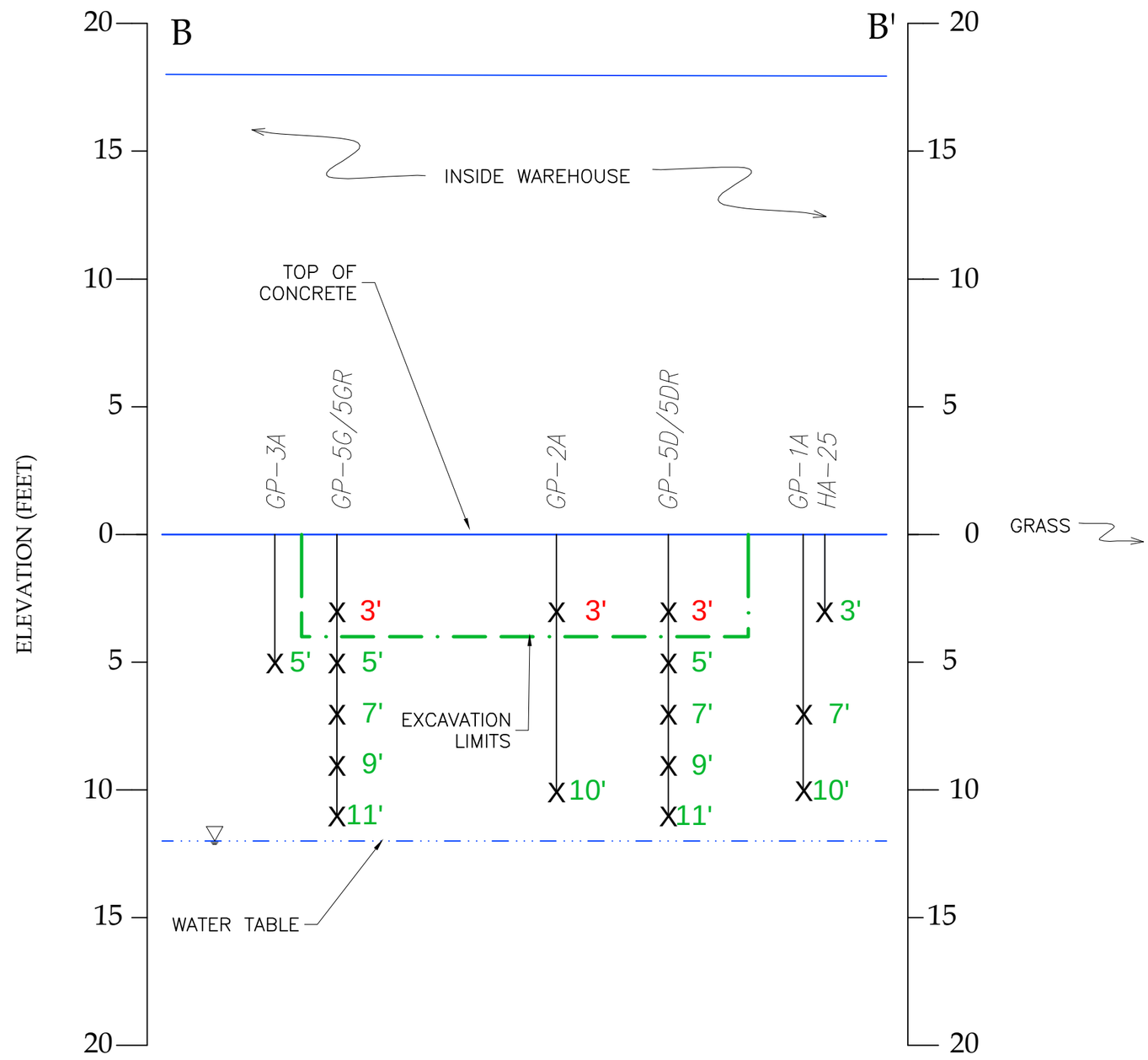
FIGURE
3-2

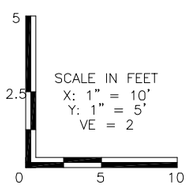
LEGEND

X	SOIL SAMPLE LOCATION
GREEN TEXT	SOIL SAMPLE IS IN COMPLIANCE WITH CLEANUP STANDARDS
RED TEXT	SOIL SAMPLE EXCEEDS THE PCE CLEANUP STANDARD
— · · · — · · · —	APPROXIMATE WATER TABLE ELEVATION (OCTOBER 2009)
— — · —	DENOTES SOIL EXCAVATION THAT WILL OCCUR IN SUMMER 2010. CONFIRMATION SOIL SAMPLES WILL BE COLLECTED FROM THE BASE AND EACH SIDEWALL OF EXCAVATION AREAS.

NOTES

TABLE 3-1 CONTAINS DETAILS ON SAMPLING DATES, DEPTHS AND RESULTS.





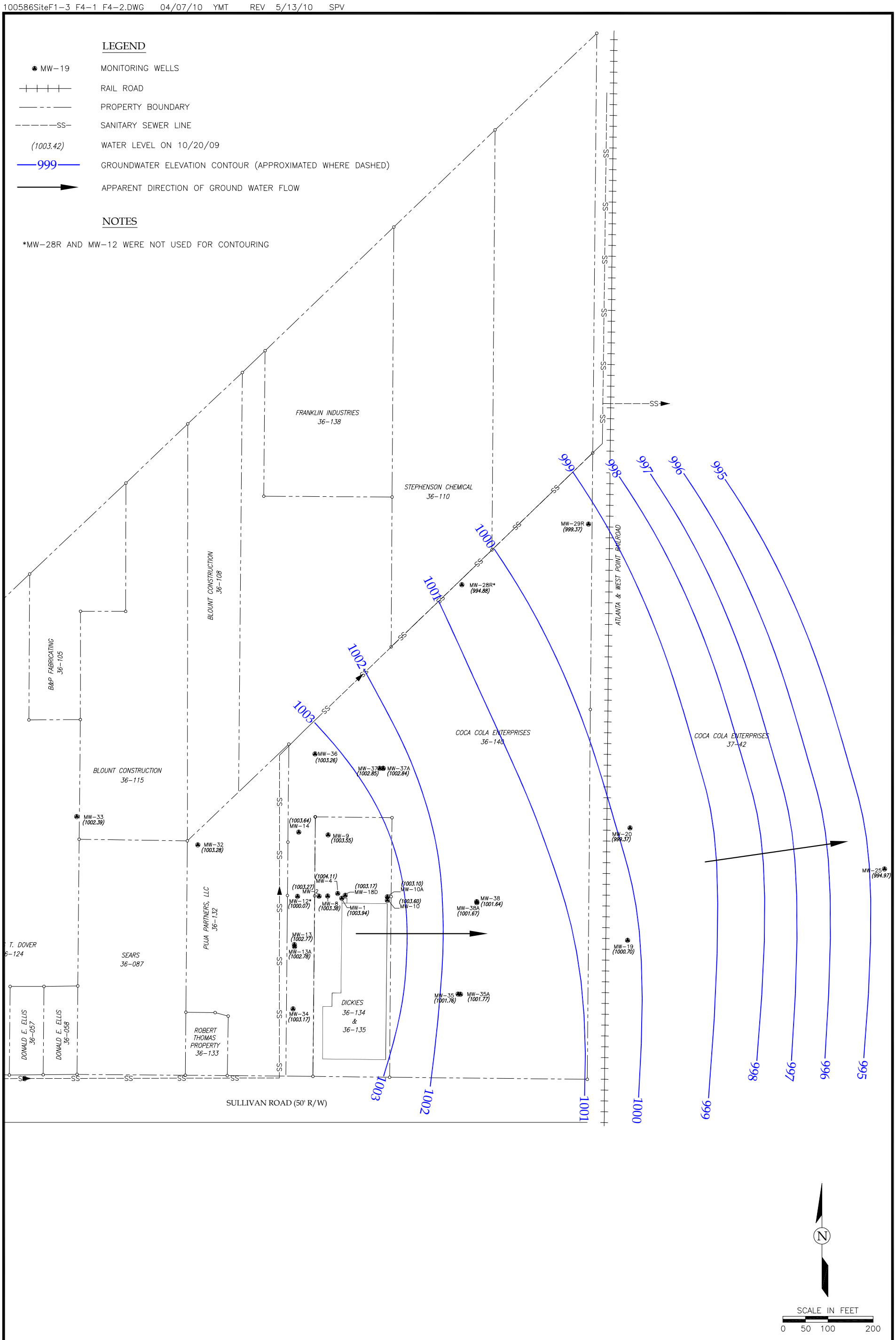
100586Site.DWG 4/07/10 YMT REV 4/15/10 SPV

Environmental Resources Management
ERM

CROSS-SECTION B-B'
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

FIGURE
3-3

100586SiteF1-3 F4-1 F4-2.DWG 04/07/10 YMT REV 5/13/10 SPV

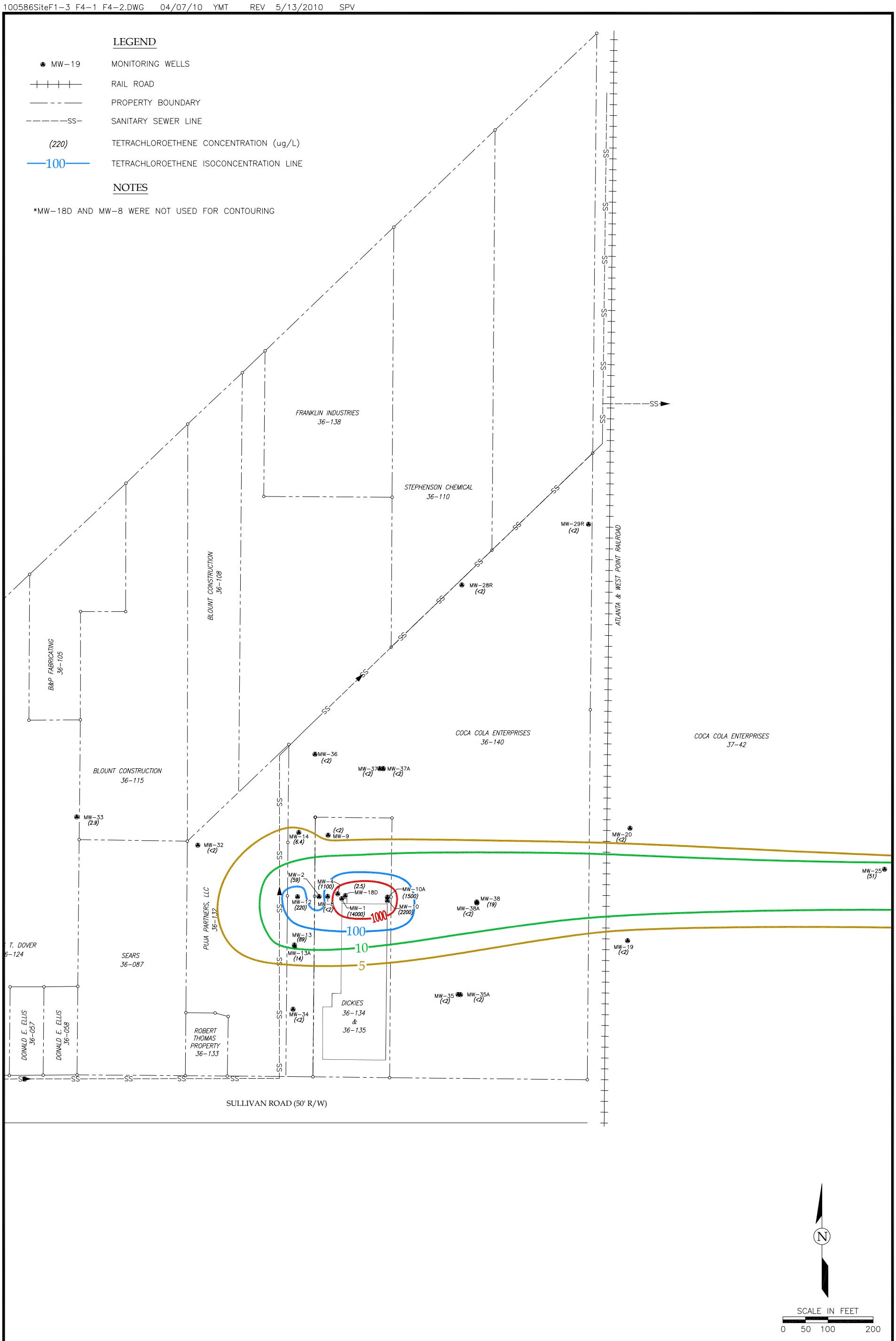


Environmental Resources Management

POTENTIOMETRIC SURFACE MAP - OCTOBER 2009
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

FIGURE
4-1

100586SiteF1-3 F4-1 F4-2.DWG 04/07/10 YMT REV 5/13/2010 SPV



Environmental Resources Management

TETRACHLOROETHENE CONCENTRATIONS - OCTOBER 2009
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

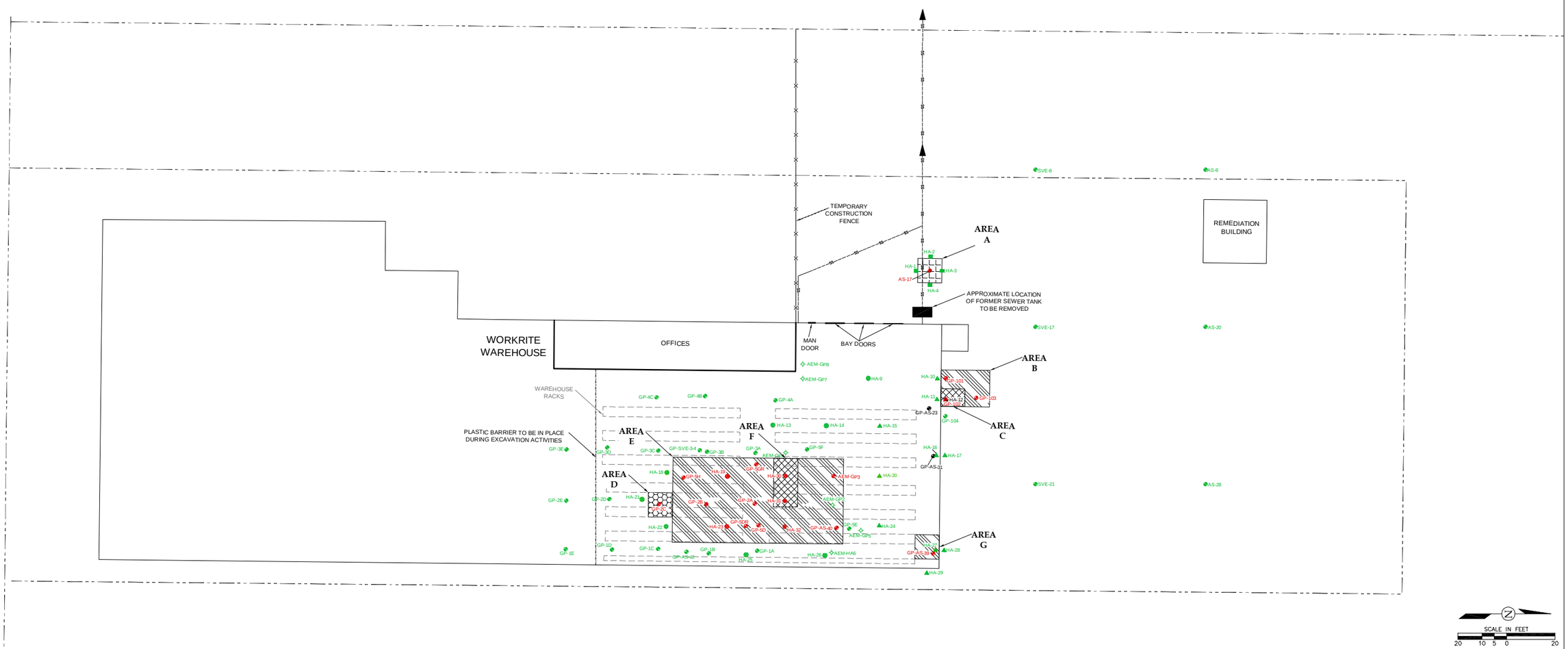
FIGURE
4-2

LEGEND

- GP-2E — VOC CONCENTRATION IS BELOW THE TYPE 4 RRS
- GP-2E — VOC CONCENTRATION EXCEEDS THE TYPE 4 RRS
- GP-AS-31 — SAMPLE POINT THAT WAS REPLACED BY A LATER SAMPLE IN THE SAME LOCATION
- PROPERTY LINE
- SS — SEWER LINE
- EXCAVATION TO 2 FEET
- EXCAVATION TO 4 FEET
- EXCAVATION TO 6 FEET
- EXCAVATION TO 8 FEET

ESTIMATED EXCAVATION QUANTITIES

Excavation Area ID	*Excavation Horizon (ft bgs)*	*Excavation Thickness (ft)*	*Surface Dimensions (ft x ft)*	*Surface Area (sq ft)*	*Bank Volume i.e. in-place volume (cubic yards)*	*Disposal Amount i.e. mass for T&D (tons)*
Area A	0 to 8	8	10 x 10	100	30	47
Area B	0 to 4	4	15 x 20	300	44	71
Area C	4 to 6	2	10 x 5	50	4	6
Area D	0 to 2	2	10 x 10	100	7	12
Area E	0 to 4	4	35 x 75	2625	389	622
Area F	4 to 6	2	10 x 20	200	15	24
Area G	0 to 4	4	10 x 10	100	15	24
WW TANK	0 to 8	8	10 x 15	150	44	71
10% CONTINGENCY	--	--	--	--	55	88
				TOTALS >>	**603**	**965**



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA

DRAWN BY Y. TACKETT	PROJECT ENGINEER S. THOMPSON
DESIGN ENGINEER L. DORMAN	PROJECT MANAGER S. THOMPSON

ERM

NOT FOR CONST-RUCTION

SOIL EXCAVATION PLAN

SCALE AS NOTED	DATE APRIL 6, 2010
PROJECT NO. 100586	AutoCAD 2007 100586 Site Figs.DWG

DRAWING NO. **5-1**

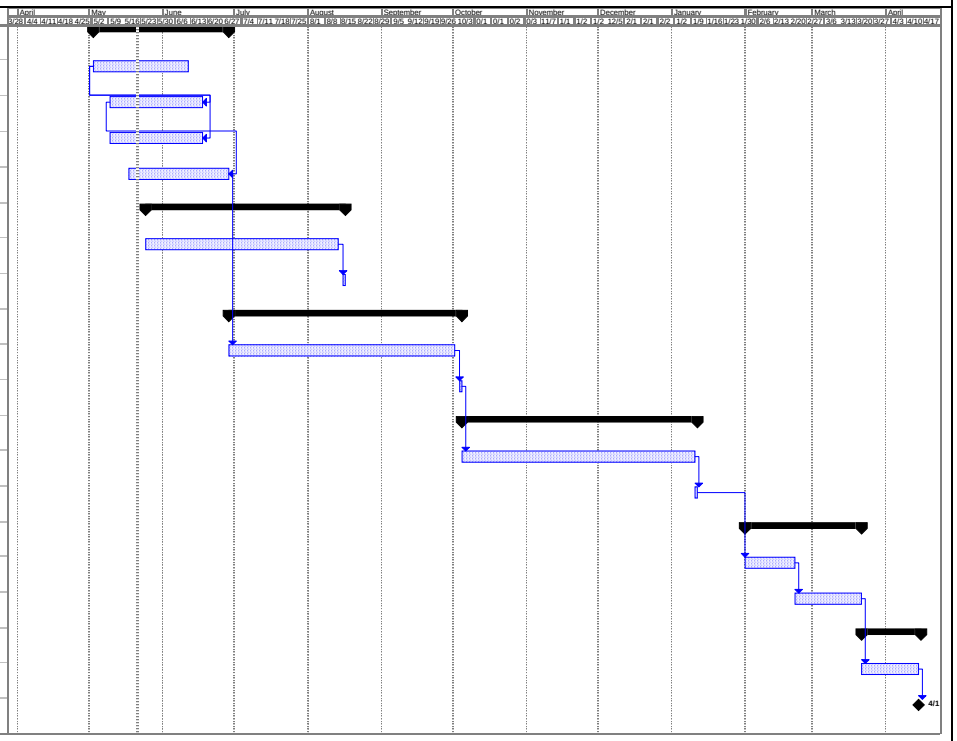
REV. NO. **0**

SHEET **1** OF **1**

100586Site.DWG 04/2010 VRP SPV REV 4/15/10

Figure 5-2
Milestone Schedule
Voluntary Remediation Plan
Former Dickies Industrial Services, Inc.
College Park, Georgia

ID	Task Name	Duration	Start	Finish	Predecessors
1	**Soil Excavation Activities**	**42 days**	**Mon 5/3/10**	**Mon 6/28/10**	
2	Soil Removal	31 days	Mon 5/3/10	Fri 6/11/10	
3	Transportation and Disposal (Jan 2010 TCLPs confirm non-haz)	30 days	Mon 5/10/10	Thu 6/17/10	2SF+6 days
4	Confirmation Sampling	30 days	Mon 5/10/10	Thu 6/17/10	2SF+6 days
5	Backfill	30 days	Tue 5/18/10	Mon 6/28/10	3SF+7 days
6	**EPD Review of VR Plan**	**60 days**	**Tue 5/25/10**	**Mon 8/16/10**	
7	EPD Review of VR Plan	59 days	Tue 5/25/10	Fri 8/13/10	
8	EPD Approval of VR Plan (estimated)	1 day	Mon 8/16/10	Mon 8/16/10	7
9	**Compliance Status Report (CSR)**	**70 days**	**Tue 6/29/10**	**Mon 10/4/10**	
10	ERM Preparation of CSR	69 days	Tue 6/29/10	Fri 10/1/10	5
11	CSR Submittal	1 day	Mon 10/4/10	Mon 10/4/10	10
12	**EPD Review of CSR for Soils**	**71 days**	**Tue 10/5/10**	**Tue 1/11/11**	
13	EPD Review of CSR for Soils	70 days	Tue 10/5/10	Mon 1/10/11	11
14	Anticipated Date that Williamson Dickie will receive approval from EPD on the CSR	1 day	Tue 1/11/11	Tue 1/11/11	13
15	**Remediation System and Monitoring Well Abandonment**	**35 days**	**Tue 2/1/11**	**Mon 3/21/11**	
16	Monitoring and Remediation Well Abandonment by Licensed Drilling Company	15 days	Tue 2/1/11	Mon 2/21/11	14FS+14 days
17	Ground Water Remediation System Decommissioning	20 days	Tue 2/22/11	Mon 3/21/11	16
18	**Letter Report to EPD Documenting System and Well Abandonment**	**19 days**	**Tue 3/22/11**	**Fri 4/15/11**	
19	ERM Preparation of Report Documenting System Decommissioning	18 days	Tue 3/22/11	Thu 4/14/11	17
20	Submittal of Letter Report Documenting Decommissioning	1 day	Fri 4/15/11	Fri 4/15/11	19



Project: Milestone Schedule
Date: Fri 5/21/10

Task | Split | Progress | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline

Appendix A

Voluntary Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION

COMPANY NAME	Dickies Industrial Services, Inc.				
CONTACT PERSON/TITLE	Joan B. Sasine, Attorney				
ADDRESS	Bryan Cave LLP, 1201 W. Peachtree Street, NW, 14th Floor, Atlanta, Georgia 30309				
PHONE	(404) 572-6647	**FAX**	(404) 572-6999	**E-MAIL**	joan.sasine@bryancave.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP

NAME	Shanna Thompson			**GA PE/PG NUMBER**	PE 031306
COMPANY	Environmental Resources Management				
ADDRESS	300 Chastain Center Boulevard, Suite 375, Kennesaw, Georgia 30144				
PHONE	(770) 590-8383	**FAX**	(770) 590-9164	**E-MAIL**	shanna.thompson@erm.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

(1) The property must have a release of regulated substances into the environment;
(2) The property shall not be:
- (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
- (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
- (C) A facility required to have a permit under Code Section 12-8-66.

(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

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

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE	Joan B Sasine		
APPLICANT'S NAME/TITLE (PRINT)	**Joan B. Sasine** **Attorney for Williamson-Dickie Manufacturing Company**	**DATE**	5-21-2010

QUALIFYING PROPERTY INFORMATION			
TAX PARCEL ID	13-0036-LL-134 and 13-0036-LL-135	PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS	1411 Sullivan Road		
CITY	College Park	COUNTY	Fulton
LATITUDE	33° 37' 32" N	LONGITUDE	84° 28' 11" W
PROPERTY OWNER(S)	Dickies Industrial Services, Inc.	PHONE #	(817) 810-5105
MAILING ADDRESS	319 Lipscomb		
CITY	Fort Worth	STATE/ZIP	Texas 76104

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	**$5,000 APPLICATION FEE** IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES.	Included with this Submittal	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	Appendix B of the VR Plan	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix C of the VR Plan	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	--	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application: (a) a graphic three-dimensional preliminary conceptual site model (CSM) (b) including a preliminary remediation plan (c) with a table of delineation standards, (d) brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, (e) the known or suspected source(s) of contamination, how contamination might move within the environment, (f) the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; The preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; (g) a **PROJECTED MILESTONE SCHEDULE** for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the milestone schedule.	(a) Figures 3-1, 3-2, and 3-3 (b) Section 5 of text and Figure 5-1 (c) Table 1-2 (d) Sections 3 and 4 of text. Tables 3-1, 4-1, 4-2, and 4-3. Figures 1-1, 1-2, 1-3, 4-1 and 4-2 (e) Section 1 of text (f) Section 1 of text and Figure 1-4 (g) Milestone Schedule is Figure 5-1	

	The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	**Will be finalized following excavation, as shown in Fig. 5-1**	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	**n/a**	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	**Vertical Delineation demonstrated in Table 3-1 and Figures 3-2 and 3-3**	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	**Milestone is included in Fig. 5-1**	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION** AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Shanna Thompson PE031306 — Printed Name and GA PE/PG Number 5/21/2010 — Date Signature and Stamp GEORGIA REGISTERED No. 031306 PROFESSIONAL ENGINEER SHANNA L. THOMPSON	**Section 6**	

Appendix B

GEORGIA Fulton County Clerk's Office Superior Court
Filed & Recorded Apr 29, 1991 at 4:24 Juanita Hicks CLERK

Fulton County, Georgia
Real Estate Transfer Tax
Paid $ 65.00
Date APR 29 1991
JUANITA HICKS
Clerk, Superior Court
By: Deputy Clerk

STATE OF GEORGIA

COUNTY OF FULTON

LIMITED WARRANTY DEED

THIS INDENTURE is made this 25th day of April, 1991 by and between ROBERT H. BROOKS, hereinafter called "Grantor" and DICKIES INDUSTRIAL SERVICES, INC., hereinafter called "Grantee".

W I T N E S S E T H :

FOR AND IN CONSIDERATION of the sum of Ten Dollars ($10.00) in hand paid to Grantor by Grantee at and before the execution, sealing and delivery hereof, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto Grantee, and the heirs, successors, legal representatives and assigns of Grantee:

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 36 of the 13th District, Fulton County, Georgia, containing 0.683 acres as shown on that plat of survey for Dickies Industrial Services, Inc., prepared by A.S. Giometti & Associates, Inc., Registered Land Surveyor, dated April 17, 1991 and being more particularly described as follows:

To find the true point of beginning, begin at a concrete monument found at the intersection of the easterly line of Land Lot 36 and the northerly right-of-way of Sullivan Road (50 foot right-of-way); thence north 89 degrees 10 minutes 30 seconds west along the northerly right-of-way of Sullivan Road 608.30 feet to an iron pin; thence north 00 degrees 42 minutes 18 seconds east 400.00 feet to an iron pin, said iron pin being the TRUE POINT OF BEGINNING; thence north 00 degrees 42 minutes 18 seconds east 175.00 feet to an iron pin; thence south 89 degrees 10 minutes 29 seconds east 170.00 feet to an iron pin; thence south 00 degrees 42 minutes 18 seconds west 175.00 feet to an iron pin; thence north 89 degrees 10 minutes 29 seconds west 170.00 feet to an iron pin, said iron pin being the TRUE POINT OF BEGINNING.

In consideration of the execution and delivery of this Limited Warranty Deed, Grantee covenants for itself, its successors and assigns, that it will construct, and thereafter keep and maintain, curbing, guttering and/or other improvements on the west side of the above described property, and the west side of other property owned by the Grantee contiguous to the property owned by the Grantor (the "Other Property"), to prevent the flow of water and run-off of any kind whatsoever from the above described property and the Grantee's other property, to the Other Property, at the Grantee's sole expense; said improvements shall be initially constructed at the same time as any new building is constructed on the above described property.

Grantee further covenants for itself, its successors and assigns, that the above described property will not be used for a wastewater treatment facility.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of all persons owning, holding or claiming by, through or under Grantor.

IN WITNESS WHEREOF, Grantor has executed this indenture and delivered this indenture to Grantee, all the day and year first written above.

GRANTOR:

Robert H. Brooks [SEAL]
ROBERT H. BROOKS

Sworn to and subscribed before me
this 25 day of April, 1991.

Notary Public

Martha M. Cox
Unofficial Witness

Notary Public, Union County, Ga. At
My Commission Expires April 11 1992

N.P.
SEAL

GEORGIA, FULTON COUNTY
FILED AND RECORDED

91 NOV -6 AM 8:30

CLERK, SUPERIOR COURT

Fulton County, Georgia
Real Estate Transfer Tax
Paid $ None
Date 11-6-91
By

WARRANTY DEED

STATE OF GEORGIA §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF FULTON §

That WILLIAMSON-DICKIE MANUFACTURING COMPANY, a Texas Corporation ("Grantor"), for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, receipt of which is hereby acknowledged, does hereby grant, sell, and convey unto DICKIES INDUSTRIAL SERVICES, INC., a Texas Corporation, 319 Lipscomb, Fort Worth, Texas 76104 ("Grantee") the following-described tract of land in Fulton County, Georgia:

> All that tract or parcel of land lying and being in Land Lot 36 of the 13th District, Fulton County, Georgia, and being more particularly described as follows:
>
> Beginning at a 2" iron pipe set that is located 185.78 feet north of a ½" reinforcing rod corner on the northerly right-of-way line of Sullivan Road, a public road having a 50-foot right-of-way, said corner being located 437.56 feet westerly, as measured along said right-of-way line, from its intersection with the east line of land lot 36; thence running north 214.20 feet to a ¾" iron pipe; thence running west 170.14 feet to an iron pin; thence running south 213.60 feet to a 2" iron pipe set; thence running east 169.94 feet to the 2" iron pipe set at the point of beginning.
>
> Together with an easement for ingress and egress 60 feet in width running north 399.98 feet from Sullivan Road along the western adjacent line of the above described property and the contiguous property to the south owned by Dickies Industrial Services, Inc.

together with all and singular the rights and appurtenances thereto in any wise belonging, to have and to hold it to Grantee, its successors and assigns forever, in fee simple. Grantor binds itself and its successors to warrant and forever defend all and singular the property to Grantee and its successors and assigns

against every person whomsoever lawfully claiming or to claim the same or any part thereof.

SIGNED as of this 28th day of September, 1990.

WILLIAMSON-DICKIE MANUFACTURING COMPANY

By: _____
Frank E. Brock,
Secretary/Treasurer

WITNESSES:

_____

_____
Notary Public

JUNE GRUBB
Notary Public
STATE OF TEXAS
My Comm. Exp. 9/30/92

After recording return to:

JAMES L. STRIPLING
Decker, Jones, McMackin,
McClane, Hall & Bates
2400 City Center II
301 Commerce Street
Fort Worth, Texas 76102

\3300-08.026\10.D

BOOK 14730 PAGE 334

Appendix C

Parcel Query Results	PIN:13 0036 LL135	Address	Owner	More
	13 0036 LL135	2411 SULLIVAN RD REAR	DICKIES INDUSTRIAL SERVS INC	
Parcel Query Results	PIN:13 0036 LL134	Address	Owner	More
	13 0036 LL134	2411 SULLIVAN RD	DICKIES IND SERVICES INC	

SCALE

LEGEND

Applicant's Tax Parcels

ERM Environmental Resources Management	TAX PARCEL MAP VOLUNTARY REMEDIAITON PLAN FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA	FIGURE C-1

Appendix D

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Mr. Jeff Bilkert

Report Number: ASE0494
May 15, 2009
Project: Williamson Dickies/GA
Project #:100586
P.O. No. 100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-01	ASE0494-01	Water	05/14/09 00:00	05/14/09 16:35
HA-1-3'	ASE0494-02	Soil	05/14/09 09:50	05/14/09 16:35
HA-1-6'	ASE0494-03	Soil	05/14/09 10:05	05/14/09 16:35
HA-2-3'	ASE0494-04	Soil	05/14/09 10:34	05/14/09 16:35
HA-2-6'	ASE0494-05	Soil	05/14/09 10:50	05/14/09 16:35
HA-3-3'	ASE0494-06	Soil	05/14/09 12:45	05/14/09 16:35
HA-3-6'	ASE0494-07	Soil	05/14/09 12:55	05/14/09 16:35
HA-4-3'	ASE0494-08	Soil	05/14/09 13:10	05/14/09 16:35
HA-4-6'	ASE0494-09	Soil	05/14/09 13:20	05/14/09 16:35

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Case Narrative

VOC Analysis by Method 5035/8260:

Analysis for Tetrachloroethene for sample ASE0494-02 (HA-1-3') was performed from sample aliquot preserved at the laboratory. Sample was originally analyzed from the field preserved aliquot but required reanalysis due to carry over of Tetrachloroethene from the previous sample, and reanalysis from the second field preserved vial failed to purge. Tetrachloroethene was not detected at levels equal to or greater than the reporting limit; data was not affected.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Client ID: TB-01

Date/Time Sampled: 05/14/2009 12:00:00AM

Matrix: Water

Lab Number ID: ASE0494-01

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Surrogate: Dibromofluoromethane	*98 %*	*85-116*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	
Surrogate: 1,2-Dichloroethane-d4	*90 %*	*78-125*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494
Client ID: HA-1-3'
Date/Time Sampled: 05/14/2009 9:50:00AM
Matrix: Soil

Lab Number ID: ASE0494-02
Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	80.7	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
cis-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
Tetrachloroethene	ND	4.6	ug/kg dry	EPA 8260B	CN	1	05/15/09 14:00	05/15/09 15:09	A905376	SMH
Trichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: Dibromofluoromethane	*100 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*104 %*	*71-135*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Client ID: HA-1-6'

Date/Time Sampled: 05/14/2009 10:05:00AM

Matrix: Soil

Lab Number ID: ASE0494-03

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	78.6	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Tetrachloroethene	47	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Surrogate: Dibromofluoromethane	*100 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Client ID: HA-2-3'

Date/Time Sampled: 05/14/2009 10:34:00AM

Matrix: Soil

Lab Number ID: ASE0494-04

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	83.2	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
cis-1,2-Dichloroethene	35	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
Tetrachloroethene	170	100	ug/kg dry	EPA 8260B		50	05/15/09 11:00	05/15/09 12:28	A905376	SMH
Trichloroethene	5.6	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
Surrogate: Dibromofluoromethane	*98 %*	*73-123*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*71-135*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-2-6'

Date/Time Sampled: 05/14/2009 10:50:00AM

Matrix: Soil

Lab Number ID: ASE0494-05

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.4	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Tetrachloroethene	65	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-3-3'

Date/Time Sampled: 05/14/2009 12:45:00PM

Matrix: Soil

Lab Number ID: ASE0494-06

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	76.8	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
cis-1,2-Dichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
trans-1,2-Dichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Tetrachloroethene	24	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Trichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Vinyl Chloride	ND	13	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Surrogate: Dibromofluoromethane	*100 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-3-6'

Date/Time Sampled: 05/14/2009 12:55:00PM

Matrix: Soil

Lab Number ID: ASE0494-07

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	82.3	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
cis-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Tetrachloroethene	15	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Surrogate: Dibromofluoromethane	*103 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-4-3'

Date/Time Sampled: 05/14/2009 1:10:00PM

Matrix: Soil

Lab Number ID: ASE0494-08

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	81.5	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
cis-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
Tetrachloroethene	130	100	ug/kg dry	EPA 8260B		50	05/15/09 11:00	05/15/09 13:00	A905376	SMH
Trichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
Surrogate: Dibromofluoromethane	*97 %*	*73-123*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*71-135*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	
Surrogate: Toluene-d8	*98 %*	*67-124*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-4-6'

Date/Time Sampled: 05/14/2009 1:20:00PM

Matrix: Soil

Lab Number ID: ASE0494-09

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.8	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
cis-1,2-Dichloroethene	27	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
Tetrachloroethene	290	280	ug/kg dry	EPA 8260B		50	05/14/09 18:00	05/15/09 03:01	A905376	SMH
Trichloroethene	10	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
Vinyl Chloride	ND	9.9	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
Surrogate: Dibromofluoromethane	*96 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	
Surrogate: Dibromofluoromethane	*99 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	

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Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905390 - % Solids										
Duplicate (A905390-DUP1)		**Source: ASE0494-03**			Prepared & Analyzed: 05/14/09					
% Solids	79.4	0.10	% by Weight		78.6			1	12	

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May 15, 2009

Report No.: ASE0494

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905376 - EPA 5035										
Blank (A905376-BLK1)					Prepared & Analyzed: 05/14/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
Surrogate: Dibromofluoromethane	*50*		*ug/kg*	*50.000*		*101*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*52*		*ug/kg*	*50.000*		*104*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*97*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Blank (A905376-BLK2)					Prepared & Analyzed: 05/15/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
Surrogate: Dibromofluoromethane	*49*		*ug/kg*	*50.000*		*98*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/kg*	*50.000*		*103*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*103*	*63-150*			
LCS (A905376-BS1)					Prepared & Analyzed: 05/14/09					
Benzene	41		ug/kg	50.000		83	80-117			
Chlorobenzene	43		ug/kg	50.000		86	83-110			
1,1-Dichloroethene	39		ug/kg	50.000		78	70-116			
Toluene	42		ug/kg	50.000		84	78-107			
Trichloroethene	45		ug/kg	50.000		89	74-125			
Surrogate: Dibromofluoromethane	*49*		*ug/kg*	*50.000*		*98*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/kg*	*50.000*		*101*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			

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May 15, 2009

Report No.: ASE0494

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905376 - EPA 5035										
Matrix Spike (A905376-MS1)	**Source: ASE0494-02**				Prepared & Analyzed: 05/15/09					
Benzene	41		ug/kg	50.000	ND	82	66-116			
Chlorobenzene	43		ug/kg	50.000	ND	86	52-117			
1,1-Dichloroethene	40		ug/kg	50.000	ND	79	54-121			
Toluene	40		ug/kg	50.000	0.1	81	46-124			
Trichloroethene	44		ug/kg	50.000	0.8	86	59-122			
Surrogate: Dibromofluoromethane	*48*		*ug/kg*	*50.000*		*97*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/kg*	*50.000*		*101*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*97*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Matrix Spike Dup (A905376-MSD1)	**Source: ASE0494-02**				Prepared & Analyzed: 05/14/09					
Benzene	45		ug/kg	50.000	ND	90	66-116	10	41	
Chlorobenzene	45		ug/kg	50.000	ND	90	52-117	5	46	
1,1-Dichloroethene	42		ug/kg	50.000	ND	84	54-121	6	57	
Toluene	45		ug/kg	50.000	0.1	90	46-124	10	61	
Trichloroethene	48		ug/kg	50.000	0.8	94	59-122	10	49	
Surrogate: Dibromofluoromethane	*50*		*ug/kg*	*50.000*		*100*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/kg*	*50.000*		*101*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*101*	*63-150*			
Batch A905382 - EPA 5030B										
Blank (A905382-BLK1)					Prepared & Analyzed: 05/14/09					
1,1-Dichloroethene	ND	3.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
Tetrachloroethene	ND	5.0	ug/L							
Trichloroethene	ND	5.0	ug/L							
Vinyl Chloride	ND	3.0	ug/L							
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*44*		*ug/L*	*50.000*		*88*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*47*		*ug/L*	*50.000*		*94*	*87-123*			

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905382 - EPA 5030B										
LCS (A905382-BS1)					Prepared & Analyzed: 05/14/09					
Benzene	45		ug/L	50.000		90	80-119			
Chlorobenzene	43		ug/L	50.000		86	83-111			
1,1-Dichloroethene	43		ug/L	50.000		85	77-121			
Toluene	46		ug/L	50.000		91	78-113			
Trichloroethene	50		ug/L	50.000		100	82-122			
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*97*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*45*		*ug/L*	*50.000*		*91*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*97*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
Matrix Spike (A905382-MS1)		**Source: ASE0420-01**			Prepared & Analyzed: 05/14/09					
Benzene	42		ug/L	50.000	0.02	84	82-123			
Chlorobenzene	41		ug/L	50.000	ND	83	75-119			
1,1-Dichloroethene	39		ug/L	50.000	ND	79	79-119			
Toluene	43		ug/L	50.000	0.08	86	80-114			
Trichloroethene	48		ug/L	50.000	ND	97	81-125			
Surrogate: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*43*		*ug/L*	*50.000*		*87*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*46*		*ug/L*	*50.000*		*93*	*87-123*			
Matrix Spike Dup (A905382-MSD1)		**Source: ASE0420-01**			Prepared & Analyzed: 05/14/09					
Benzene	47		ug/L	50.000	0.02	94	82-123	11	9	QR-02
Chlorobenzene	46		ug/L	50.000	ND	91	75-119	10	13	
1,1-Dichloroethene	44		ug/L	50.000	ND	89	79-119	12	9	QR-02
Toluene	48		ug/L	50.000	0.08	95	80-114	10	9	QR-02
Trichloroethene	53		ug/L	50.000	ND	106	81-125	9	11	
Surrogate: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*44*		*ug/L*	*50.000*		*89*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009

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Attention: Mr. Jeff Bilkert

May 15, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries.

CN See Case Narrative for further details.

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

163975

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: ERM
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Center Blvd Ste 375 Kennesaw, GA (770) 590 8353 Fax 770-590-4144
REPORT TO: Jeff Bilkert
CC:
REQUESTED COMPLETION DATE: 24 hr turnaround 5/15/09
PO #:
PROJECT NAME/STATE: Williamson Dickies / GA
PROJECT #: 100596

DATE	TIME	MATRIX CODE* (GROMAP)	SAMPLE IDENTIFICATION	# of CONTAINERS	CONTAINER TYPE / PRESERVATION	ANALYSIS REQUESTED	REMARKS/ADDITIONAL INFORMATION
		W	TB-01	3	PV	8260B - see analyte list	Analyte list 1,1-dichloroethene
5/14/09	0950	S	HA-1-3'	4		8260B - see analyte list	Cis-1,2-dichloroethene
5/14/09	1005	S	HA-1-6'	4			Trans-1,2-dichloroethene
5/14/09	1034	S	HA-2-3'	4			Tetrachloroethene
5/14/09	1050	S	HA-2-6'	4			Trichloroethene
5/14/09	1245	S	HA-3-3'	4			Vinyl Chloride
5/14/09	1255	S	HA-3-6'	4			
5/14/09	1310	S	HA-4-3'	4			
5/14/09	1320	S	HA-4-6'	4			

SAMPLED BY AND TITLE: Don Davis
DATE/TIME: 5/14/09
RELINQUISHED BY: [signature]
DATE/TIME: 5/14/09 1637
RECEIVED BY: [signature]
DATE/TIME: 5/14/09 1637
RECEIVED BY LAB: [signature]
DATE/TIME: 5/14/09 1635
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 3
Custody Seal: Intact Broken Missing
Cooler #
pH: Labeled Preserved Yes or No
Please use Black Ink to complete form.

CONTAINER TYPE: A P - PLASTIC; B A - AMBER GLASS; G - CLEAR GLASS; I V - VOA VIAL; D S - STERILE; O - OTHER
PRESERVATION: 1 - HCl, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°
MATRIX CODES: DW - DRINKING WATER; WW - WASTEWATER; GW - GROUNDWATER; SW - SURFACE WATER; ST - STORM WATER; W - WATER; S - SOIL; SL - SLUDGE; SD - SOLID; A - AIR; L - LIQUID; P - PRODUCT

FOR LAB USE ONLY
LAB #: 8E0499
In-house location: V A5
Entered into LIMS: [illegible]

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 05/15/2009 5:21:44PM**

Attn: Mr. Jeff Bilkert

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 05/14/09 16:35

Work Order: ASE0494
Logged In By: Charles Hawks

NPDES:

OBSERVATIONS

#Samples: 9 **#Containers:** 35

Minimum Temp(C): 5.0 **Maximum Temp(C):** 5.0 **Custody Seal(s):**

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASE0515
May 28, 2009
Project: Williamson Dickies/GA
Project #:0100586
P.O. No. 0100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-9	ASE0515-01	Soil	05/13/09 14:00	05/15/09 13:45
HA-10	ASE0515-02	Soil	05/14/09 10:00	05/15/09 13:45
HA-11	ASE0515-03	Soil	05/14/09 10:30	05/15/09 13:45
HA-13	ASE0515-05	Soil	05/13/09 14:45	05/15/09 13:45
HA-14	ASE0515-06	Soil	05/14/09 15:30	05/15/09 13:45
HA-15	ASE0515-07	Soil	05/14/09 09:15	05/15/09 13:45
HA-16	ASE0515-08	Soil	05/14/09 11:05	05/15/09 13:45
HA-18	ASE0515-10	Soil	05/15/09 10:00	05/15/09 13:45
HA-19	ASE0515-11	Soil	05/15/09 10:30	05/15/09 13:45
HA-20	ASE0515-12	Soil	05/14/09 12:45	05/15/09 13:45
HA-21	ASE0515-13	Soil	05/14/09 15:30	05/15/09 13:45
HA-22	ASE0515-14	Soil	05/14/09 15:15	05/15/09 13:45
HA-23	ASE0515-15	Soil	05/14/09 14:55	05/15/09 13:45
HA-24	ASE0515-16	Soil	05/14/09 13:25	05/15/09 13:45
HA-25	ASE0515-17	Soil	05/14/09 14:30	05/15/09 13:45
HA-26	ASE0515-18	Soil	05/14/09 13:55	05/15/09 13:45
HA-27	ASE0515-19	Soil	05/14/09 13:00	05/15/09 13:45
TB-02	ASE0515-28	Water	05/13/09 00:00	05/15/09 13:45

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-9

Date/Time Sampled: 05/13/2009 2:00:00PM

Matrix: Soil

Lab Number ID: ASE0515-01

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.2	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
cis-1,2-Dichloroethene	5.3	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Tetrachloroethene	17	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Trichloroethene	21	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
1,4-Dioxane	ND	460	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-10

Date/Time Sampled: 05/14/2009 10:00:00AM

Matrix: Soil

Lab Number ID: ASE0515-02

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.0	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
cis-1,2-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
trans-1,2-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Tetrachloroethene	29	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Trichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Vinyl Chloride	ND	9.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
1,4-Dioxane	ND	480	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-11

Date/Time Sampled: 05/14/2009 10:30:00AM

Matrix: Soil

Lab Number ID: ASE0515-03

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.3	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
cis-1,2-Dichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
trans-1,2-Dichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Tetrachloroethene	31	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Trichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Vinyl Chloride	ND	8.5	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
1,4-Dioxane	ND	420	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	

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(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-13

Date/Time Sampled: 05/13/2009 2:45:00PM

Matrix: Soil

Lab Number ID: ASE0515-05

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.5	0.11	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
cis-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
trans-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Tetrachloroethene	42	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Trichloroethene	18	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
1,4-Dioxane	ND	540	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*112 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-14

Date/Time Sampled: 05/14/2009 3:30:00PM

Matrix: Soil

Lab Number ID: ASE0515-06

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	87.3	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
cis-1,2-Dichloroethene	59	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Tetrachloroethene	32	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Trichloroethene	91	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Vinyl Chloride	ND	9.9	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
1,4-Dioxane	ND	500	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-15

Date/Time Sampled: 05/14/2009 9:15:00AM

Matrix: Soil

Lab Number ID: ASE0515-07

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	82.9	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
cis-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Tetrachloroethene	5.6	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
1,4-Dioxane	ND	520	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-16

Date/Time Sampled: 05/14/2009 11:05:00AM

Matrix: Soil

Lab Number ID: ASE0515-08

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	85.0	0.11	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
cis-1,2-Dichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
trans-1,2-Dichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Tetrachloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Trichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Vinyl Chloride	ND	9.3	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
1,4-Dioxane	ND	470	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	

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Kennesaw GA, 30144
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May 28, 2009

Report No.: ASE0515

Client ID: HA-18

Date/Time Sampled: 05/15/2009 10:00:00AM

Matrix: Soil

Lab Number ID: ASE0515-10

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	87.1	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
cis-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
trans-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Tetrachloroethene	85	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Trichloroethene	7.4	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
1,4-Dioxane	ND	540	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	

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Kennesaw GA, 30144
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May 28, 2009

Report No.: ASE0515

Client ID: HA-19

Date/Time Sampled: 05/15/2009 10:30:00AM

Matrix: Soil

Lab Number ID: ASE0515-11

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	88.1	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
cis-1,2-Dichloroethene	24	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
trans-1,2-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
Tetrachloroethene	13000	1000	ug/kg dry	EPA 8260B		200	05/21/09 13:30	05/21/09 15:00	A905473	GCN
Trichloroethene	2500	250	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 18:09	A905473	GCN
Vinyl Chloride	ND	9.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
1,4-Dioxane	ND	480	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*71-135*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*108 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-20

Date/Time Sampled: 05/14/2009 12:45:00PM

Matrix: Soil

Lab Number ID: ASE0515-12

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.7	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
cis-1,2-Dichloroethene	ND	5.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
trans-1,2-Dichloroethene	ND	5.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
Tetrachloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 13:53	A905473	GCN
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 13:53	A905473	GCN
Vinyl Chloride	ND	12	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
1,4-Dioxane	ND	580	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-21

Date/Time Sampled: 05/14/2009 3:30:00PM

Matrix: Soil

Lab Number ID: ASE0515-13

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	87.7	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
Tetrachloroethene	230	100	ug/kg dry	EPA 8260B		50	05/21/09 13:30	05/21/09 15:32	A905473	GCN
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
1,4-Dioxane	ND	560	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: Dibromofluoromethane	*107 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*71-135*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-22

Date/Time Sampled: 05/14/2009 3:15:00PM

Matrix: Soil

Lab Number ID: ASE0515-14

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.6	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Tetrachloroethene	23	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
1,4-Dioxane	ND	560	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	

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ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-23

Date/Time Sampled: 05/14/2009 2:55:00PM

Matrix: Soil

Lab Number ID: ASE0515-15

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.5	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.1	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
cis-1,2-Dichloroethene	ND	5.1	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
trans-1,2-Dichloroethene	ND	5.1	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
Tetrachloroethene	5700	310	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 17:37	A905473	GCN
Trichloroethene	600	310	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 17:37	A905473	GCN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
1,4-Dioxane	ND	510	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-24

Date/Time Sampled: 05/14/2009 1:25:00PM

Matrix: Soil

Lab Number ID: ASE0515-16

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.5	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
cis-1,2-Dichloroethene	180	92	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 17:05	A905473	GCN
trans-1,2-Dichloroethene	61	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Tetrachloroethene	ND	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Trichloroethene	100	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Vinyl Chloride	ND	8.8	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
1,4-Dioxane	ND	440	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*107 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-25

Date/Time Sampled: 05/14/2009 2:30:00PM

Matrix: Soil

Lab Number ID: ASE0515-17

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	89.0	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
cis-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Tetrachloroethene	85	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Trichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
1,4-Dioxane	ND	460	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*116 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	
Surrogate: 4-Bromofluorobenzene	*106 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-26

Date/Time Sampled: 05/14/2009 1:55:00PM

Matrix: Soil

Lab Number ID: ASE0515-18

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	85.9	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
cis-1,2-Dichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
trans-1,2-Dichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Tetrachloroethene	20	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Trichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
1,4-Dioxane	ND	550	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	

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Kennesaw GA, 30144
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May 28, 2009

Report No.: ASE0515

Client ID: HA-27

Date/Time Sampled: 05/14/2009 1:00:00PM

Matrix: Soil

Lab Number ID: ASE0515-19

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.4	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Tetrachloroethene	12	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
1,4-Dioxane	ND	560	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: TB-02

Date/Time Sampled: 05/13/2009 12:00:00AM

Matrix: Water

Lab Number ID: ASE0515-28

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	
Surrogate: 1,2-Dichloroethane-d4	*108 %*	*78-125*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	
Surrogate: Toluene-d8	*96 %*	*87-113*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905431 - % Solids										
Duplicate (A905431-DUP1)		**Source: ASE0515-16**			Prepared & Analyzed: 05/18/09					
% Solids	84.4	0.10	% by Weight		84.5			0.2	12	

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May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905447 - EPA 5030B										
Blank (A905447-BLK1)					Prepared & Analyzed: 05/18/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*103*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*55*		*ug/L*	*50.000*		*110*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*97*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*101*	*87-123*			
Blank (A905447-BLK2)					Prepared & Analyzed: 05/19/09					
1,1-Dichloroethene	ND	0.5	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	0.5	ug/L							
Vinyl Chloride	ND	0.5	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*101*	*87-123*			
LCS (A905447-BS1)					Prepared & Analyzed: 05/18/09					
Benzene	45		ug/L	50.000		90	80-119			
Chlorobenzene	47		ug/L	50.000		93	83-111			
1,1-Dichloroethene	44		ug/L	50.000		88	77-121			
Toluene	44		ug/L	50.000		88	78-113			
Trichloroethene	48		ug/L	50.000		96	82-122			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905447 - EPA 5030B										
Matrix Spike (A905447-MS1)	**Source: ASE0474-14**				Prepared & Analyzed: 05/18/09					
Benzene	48		ug/L	50.000	ND	97	82-123			
Chlorobenzene	51		ug/L	50.000	0.7	101	75-119			
1,1-Dichloroethene	42		ug/L	50.000	0.4	83	79-119			
Toluene	48		ug/L	50.000	ND	96	80-114			
Trichloroethene	51		ug/L	50.000	0.1	101	81-125			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*87-123*			
Matrix Spike Dup (A905447-MSD1)	**Source: ASE0474-14**				Prepared & Analyzed: 05/18/09					
Benzene	45		ug/L	50.000	ND	90	82-123	7	9	
Chlorobenzene	48		ug/L	50.000	0.7	95	75-119	6	13	
1,1-Dichloroethene	37		ug/L	50.000	0.4	73	79-119	12	9	QM-07, QR-04
Toluene	46		ug/L	50.000	ND	91	80-114	5	9	
Trichloroethene	49		ug/L	50.000	0.1	97	81-125	4	11	
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			
Batch A905473 - EPA 5035										
Blank (A905473-BLK1)					Prepared & Analyzed: 05/19/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*106*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*55*		*ug/kg*	*50.000*		*110*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*94*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*100*	*63-150*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905473 - EPA 5035										
Blank (A905473-BLK2)					Prepared & Analyzed: 05/20/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	2.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*106*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*58*		*ug/kg*	*50.000*		*117*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Blank (A905473-BLK3)					Prepared & Analyzed: 05/21/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	2.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*105*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*56*		*ug/kg*	*50.000*		*112*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*100*	*63-150*			
LCS (A905473-BS1)					Prepared & Analyzed: 05/19/09					
Benzene	42		ug/kg	50.000		84	80-117			
Chlorobenzene	43		ug/kg	50.000		86	83-110			
1,1-Dichloroethene	42		ug/kg	50.000		83	70-116			
Toluene	41		ug/kg	50.000		83	78-107			
Trichloroethene	45		ug/kg	50.000		89	74-125			
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*102*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*54*		*ug/kg*	*50.000*		*107*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*101*	*63-150*			

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905473 - EPA 5035										
Matrix Spike (A905473-MS1)	**Source: ASE0515-05**			Prepared & Analyzed: 05/21/09						
Benzene	44		ug/kg	50.000	ND	89	66-116			
Chlorobenzene	48		ug/kg	50.000	0.5	94	52-117			
1,1-Dichloroethene	41		ug/kg	50.000	ND	81	54-121			
Toluene	44		ug/kg	50.000	ND	89	46-124			
Trichloroethene	49		ug/kg	50.000	15	68	59-122			
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*103*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*55*		*ug/kg*	*50.000*		*110*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*101*	*63-150*			
Matrix Spike Dup (A905473-MSD1)	**Source: ASE0515-05**			Prepared & Analyzed: 05/21/09						
Benzene	44		ug/kg	50.000	ND	88	66-116	1	41	
Chlorobenzene	45		ug/kg	50.000	0.5	89	52-117	6	46	
1,1-Dichloroethene	48		ug/kg	50.000	ND	95	54-121	16	57	
Toluene	43		ug/kg	50.000	ND	86	46-124	4	61	
Trichloroethene	49		ug/kg	50.000	15	69	59-122	1	49	
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*102*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*56*		*ug/kg*	*50.000*		*111*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*101*	*63-150*			

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May 28, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009

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Attention: Ms. Shanna Thompson

May 28, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

QR-04 The RPD result for the MS/MSD exceeded the established QC control limits. Sample results for the QC batch were accepted based on LCS recovery.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Note: Unless otherwise noted, all results are reported on an as received basis.

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May 28, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

164280

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 3

CLIENT NAME: ERM-ATL
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Ctr Blvd #375, Kennesaw, GA 30144
REPORT TO: Shanna Thompson
CC:
REQUESTED COMPLETION DATE: Standard
PO #:
PROJECT NAME/STATE: Williamson - Dickie
PROJECT #: 0100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	1,1 DCE	cis-1,2 DCE	trans-1,2 DCE	PCE	TCE	VC	LAB ID NUMBER
						CONTAINER TYPE	Plastic						
						PRESERVATION	Terraiore						
				X		4							
5/13/09	1400	S		X	HA-9	4	X	X	X	X	X	X	1
5/14/09	1000				HA-10								2
5/14/09	1030				HA-11								3
5/13/09	0900				HA-12								4
5/13/09	1445				HA-13								5
5/14/09	1530				HA-14								6
5/14/09	0915				HA-15								7
5/14/09	1105				HA-16								8
5/13/09	0930				HA-17								9
5/15/09	1000				HA-18								10
5/15/09	1030				HA-19								11

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION

SAMPLED BY AND TITLE: Christopher Stang, Geologist
DATE/TIME: 5/15/09 1345
RELINQUISHED BY:
DATE/TIME:
RECEIVED BY:
DATE/TIME:
RELINQUISHED BY:
DATE/TIME:
RECEIVED BY LAB: Charles Hanks
DATE/TIME: 5/15/09 1345
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
pH: Labeled Preserved
Ice: Yes or No
Temperature: 3 C
Custody Seal: Intact Broken Missing
Cooler #

FOR LAB USE ONLY
LAB #: A5E0575
In-house location: C2V
Entered Into LIMS: CAH

Please use Black Ink to complete form.

May 28, 2009

ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

161021

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 2 OF 3

CLIENT NAME:

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: ERM-ATL

REPORT TO: Shanna Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson-Dickie

PROJECT #: 0100586

ANALYSIS REQUESTED

CONTAINER TYPE: P/G

PRESERVATION: Trizolorce

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	1,1 DCE	cis-1,2 DCE	trans-1,2 DCE	PCE	TCE	VC	LAB ID NUMBER
5/14/09	1245	S		X	HA-20	4	X	X	X	X	X	X	12
5/14/09	1530				HA-21								13
5/14/09	1515				HA-22								14
5/14/09	1455				HA-23								15
5/14/09	1325				HA-24								16
5/14/09	1430				HA-25								17
5/14/09	1355				HA-26								18
5/14/09	1300				HA-27								19
5/13/09	1000				HA-28								20
5/13/09	1045				HA-29								21
5/14/09	1355				HA-5-3'								22 Hold
5/14/09	1405				HA-5-6'								23 Hold

SAMPLED BY AND TITLE: Christopher Stang, Geologist

DATE/TIME: 5/15/09 1345

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY LAB:

DATE/TIME: 5/15/09 1345

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved

Ice: Yes or No

Temperature: 3 C

Custody Seal: Intact Broken Missing

Cooler #

FOR LAB USE ONLY

LAB #: A5E0515

In-house location: V C2

Entered Into LIMS: 124

CONTAINER TYPE	PRESERVATI
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/Zn/
O - OTHER	6 - Na2S203
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDG
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODU

REMARKS/ADDITIONAL INFORMATIO

Please use Black Ink to complete form.

ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

May 28, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

164288

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 3 OF 3

CLIENT NAME:

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: ERM-ATL

REPORT TO: Shanna Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson-Dickie /GA

PROJECT #: 0100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	1,1-~~DCE~~ DCE	cis-1,2 DCE	trans 1,2 DCE	PCE	TCE	VC	LAB ID NUMBER	REMARKS/ADDITIONAL INFORMATION
						CONTAINER TYPE	P/G							
						PRESERVATION	TerraCore							
5/14/09	1435	S		X	HA-6-3'	4	X	X	X	X	X	X	24	Hold
5/14/09	1455	S		X	HA-6-6'	4							25	Hold
5/15/09	0830	S		X	HA-7-3'	4							26	Hold
5/15/09	0845	S		X	HA-7-6'	4							27	Hold
TB-02	—	-		-	TB-02	3							28	9 vials present 5/15/09

CONTAINER TYPE	PRESERVATIO
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnA
O - OTHER	6 - Na2S203,
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUC

SAMPLED BY AND TITLE: Christopher Stamp, Geologist

DATE/TIME: 5/15/09 1345

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY LAB: Charles Hayle

DATE/TIME: 5/15/09 1345

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved

Ice: Yes or No

Temperature: 5°C

Custody Seal: Intact Broken Missing

Cooler #

FOR LAB USE ONLY

LAB #: ASE0515

In-house location: VC2

Entered Into LIMS: CH

Please use Black Ink to complete form.

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 05/28/2009 5:19:34PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 05/15/09 13:45

Work Order: ASE0515
Logged In By: Charles Hawks

NPDES:

OBSERVATIONS

#Samples: 28 **#Containers:** 117

Minimum Temp(C): 3.0 **Maximum Temp(C):** 3.0 **Custody Seal(s):**

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	NO
Samples Received on Ice	YES
Preservation Confirmed	YES

The samples HA-12, HA-17, HA-28, and HA-29 were received out of hold. CFH

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASE0631
May 28, 2009
Project: Williamson Dickies/GA
Project #:[none]
P.O. No. N/A

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

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ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
12	ASE0631-01	Soil	05/20/09 11:00	05/20/09 12:57
17	ASE0631-02	Soil	05/20/09 11:15	05/20/09 12:57
28	ASE0631-03	Soil	05/20/09 11:20	05/20/09 12:57
29	ASE0631-04	Soil	05/20/09 11:35	05/20/09 12:57

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 12

Date/Time Sampled: 05/20/2009 11:00:00AM

Matrix: Soil

Lab Number ID: ASE0631-01

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	81.6	0.10	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
cis-1,2-Dichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
trans-1,2-Dichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
Tetrachloroethene	950	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
Trichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
Vinyl Chloride	ND	600	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
1,4-Dioxane	ND	30000	ug/kg dry	EPA 8260B		50	05/27/09 17:00	05/27/09 22:45	A905587	GN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*121 %*	*71-135*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*115 %*	*71-135*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: Toluene-d8	*98 %*	*67-124*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 17

Date/Time Sampled: 05/20/2009 11:15:00AM

Matrix: Soil

Lab Number ID: ASE0631-02

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.1	0.10	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
cis-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Tetrachloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Trichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
1,4-Dioxane	ND	500	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Surrogate: Dibromofluoromethane	*110 %*	*73-123*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*124 %*	*71-135*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	

ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 28

Date/Time Sampled: 05/20/2009 11:20:00AM

Matrix: Soil

Lab Number ID: ASE0631-03

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	88.5	0.10	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
cis-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Tetrachloroethene	14	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Trichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
1,4-Dioxane	ND	460	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Surrogate: Dibromofluoromethane	*109 %*	*73-123*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*119 %*	*71-135*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*63-150*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 29

Date/Time Sampled: 05/20/2009 11:35:00AM

Matrix: Soil

Lab Number ID: ASE0631-04

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	83.6	0.11	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
cis-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Tetrachloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
1,4-Dioxane	ND	520	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Surrogate: Dibromofluoromethane	*109 %*	*73-123*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*121 %*	*71-135*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	
Surrogate: 4-Bromofluorobenzene	*105 %*	*63-150*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	

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110 Technology Parkway, Norcross, GA 30092
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905554 - % Solids										
Duplicate (A905554-DUP1)		**Source: ASE0631-01**			Prepared & Analyzed: 05/22/09					
% Solids	81.9	0.10	% by Weight		81.6			0.3	12	

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ANALYTICAL SERVICES, INC.

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905587 - EPA 5035										
Blank (A905587-BLK1)					Prepared & Analyzed: 05/22/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*54*		*ug/kg*	*50.000*		*108*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*60*		*ug/kg*	*50.000*		*120*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*94*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/kg*	*50.000*		*99*	*63-150*			
Blank (A905587-BLK2)					Prepared & Analyzed: 05/27/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*103*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*58*		*ug/kg*	*50.000*		*116*	*71-135*			
Surrogate: Toluene-d8	*49*		*ug/kg*	*50.000*		*98*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Blank (A905587-BLK3)					Prepared & Analyzed: 05/27/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*52*		*ug/kg*	*50.000*		*104*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*59*		*ug/kg*	*50.000*		*118*	*71-135*			
Surrogate: Toluene-d8	*49*		*ug/kg*	*50.000*		*98*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905587 - EPA 5035										
LCS (A905587-BS1)					Prepared & Analyzed: 05/22/09					
Benzene	48		ug/kg	50.000		95	80-117			
Chlorobenzene	50		ug/kg	50.000		101	83-110			
1,1-Dichloroethene	52		ug/kg	50.000		105	70-116			
Toluene	47		ug/kg	50.000		94	78-107			
Trichloroethene	51		ug/kg	50.000		103	74-125			
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*106*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*56*		*ug/kg*	*50.000*		*112*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*100*	*63-150*			
Matrix Spike (A905587-MS1)		**Source: ASE0631-02**			Prepared & Analyzed: 05/22/09					
Benzene	39		ug/kg	50.000	ND	78	66-116			
Chlorobenzene	40		ug/kg	50.000	0.6	78	52-117			
1,1-Dichloroethene	44		ug/kg	50.000	ND	88	54-121			
Toluene	37		ug/kg	50.000	ND	75	46-124			
Trichloroethene	43		ug/kg	50.000	ND	85	59-122			
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*107*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*59*		*ug/kg*	*50.000*		*118*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*101*	*63-150*			
Matrix Spike Dup (A905587-MSD1)		**Source: ASE0631-02**			Prepared & Analyzed: 05/22/09					
Benzene	38		ug/kg	50.000	ND	76	66-116	2	41	
Chlorobenzene	38		ug/kg	50.000	0.6	74	52-117	5	46	
1,1-Dichloroethene	44		ug/kg	50.000	ND	89	54-121	1	57	
Toluene	36		ug/kg	50.000	ND	73	46-124	3	61	
Trichloroethene	40		ug/kg	50.000	ND	81	59-122	6	49	
Surrogate: Dibromofluoromethane	*52*		*ug/kg*	*50.000*		*105*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*58*		*ug/kg*	*50.000*		*115*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*103*	*63-150*			

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009

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300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

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May 28, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

164468

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: ____ OF 1

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 770-590-8383

REPORT TO: CC:

REQUESTED COMPLETION DATE: PO #:

PROJECT NAME/STATE:

PROJECT #: Dickree

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS (See next page)	LAB ID NUMBER
5/20	11:00	S		/	12		1
	11:15			/	17		2
	11:20			/	28		3
	11:35			/	29		4

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION: Standard Turnaround

SAMPLED BY AND TITLE: C.D. DATE/TIME: 5-20 RELINQUISHED BY: Charlie Brooks DATE/TIME: 5-20 12:57

RECEIVED BY: DATE/TIME: RELINQUISHED BY: DATE/TIME:

RECEIVED BY LAB: Charles Hawk DATE/TIME: 5/20/09 1257 SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved Ice: Yes or No Temperature: 2°C Custody Seal: Intact Broken Missing Cooler #

FOR LAB USE ONLY
LAB #: ASE0631
In-house location: E1 V
Entered Into LIMS: CM

Please use Black Ink to complete form.

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ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Soil samples collected Willimason Dickies on 5-20-09 are to be analyzed for the following VOCs:

1,1-dichloroethene,
Cis-1,2-dichlorothene,
Trans-1,2-dichloroethene,
Tetrachloroethene,
Trichloroethene,
Vinyl chloride and
1-4 Dioxane

Analyses are to be performed on a standard schedule. All data to be reported on a dry weight basis. If you have questions contact Jeff Bilkert or Shanna Thompson at ERM (770/590-8383).

ASE0631
Charles Faulk
5/20/09 1257

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 05/28/2009 4:54:54PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 05/20/09 12:57

Work Order: ASE0631
Logged In By: Charles Hawks

NPDES:

OBSERVATIONS

#Samples: 4 **#Containers:** 16

Minimum Temp(C): 21.0 **Maximum Temp(C):** 21.0 **Custody Seal(s):**

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 20, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX: (770) 590-9164

RE: Williamson Dickie

Order No.: 1001544

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 45 samples on 1/11/2010 1:57:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 65 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

BPRal

for April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001546

Date: 1/7/10 Page 1 of 5

COMPANY: ERM

ADDRESS: 300 Chastain Center Blvd Suite 375 Kennesaw GA 30144

PHONE: 770-590-8343

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260 *, TCLP Metals, TCLP VOC

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260 *	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
							PRESERVATION (See codes)				
							S/M+I	I	I		
1	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~			* only analyze	~~[illegible]~~
2	HA-32 3'	1/7/10	1000	X		SO	X			1,1 Dichloroethene	4
3	HA-32 5'		1010	X		SO	X			Cis-1,2-Dichloroethene	
4	GP-5E 3'		1020	X			X			Trans-1,2 Dichloroethene	
5	GP-AS-40 3'		1030	X			X			Tetrachloroethene	4
6	HA-31 3'		1105	X			X			Trichloroethene	4
7	HA-31 5'		1110	X			X			Vinyl Chloride	4
8	AEM-GP3 3'		1134	X			X			1,4-Dioxane	4
9	HA-30 3'		1150	X			X				4
10	HA-30 5'		1157	X			X	X	X		6
11	AEM-GP-4 1.5'		1240	X			X				4
12	HA-19 2.5'		1310	X			X				
13	~~[illegible]~~ GP-5H 3'		1320	X			X				
14	DUP-01		—	X			X				

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/7/10 1000	1: [signature]	1/7/10 12:02
2: Kathleen Hadley	1/7/10 1:57	2: [signature]	1/7/10 1:57
3:		3:	

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Rd Atlanta GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001540

Date: 1/7/10 Page 2 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw, GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260* (S/M+7); TCLP Metals (7); TCLP VOC (5)

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260* (S/M+7)	TCLP Metals (7)	TCLP VOC (5)	REMARKS	No # of Containers
1	GP-2C 1'	1/7/10	1340	X		SO	X			* see page 1	4
2	GP-2B 2'	1	1400	X		SO	X			for list of	4
3	AEM-HA6 4.5'	1/8/10	1130	X		SO	X			8260 analytes	4
4	GP-AS-39 3'	1/8/10	1154	X		SO	X				4
5	GP-100 4'	1/9/10	1200	X		SO	X				4
6	GP-AS-39 11'	1/9/10	935	X		SO	X	X	X		6
7	GP-100 10' *	1/9/10	950	X		SO	X			*HOLD	4
8	AEM-HA6 10' *	1/9/10	[illegible]	X		SO	X			* HOLD	4
9	GP-5D 3'	1/9/10	1025	X		SO	X	X	X		
10	DUP-03	1/9/10	—	X		SO	X	X	X		
11	HA-23 3'	1/9/10	1040	X		SO	X				
12	HA-23 10' *	1/9/10	1045	X		SO	X			* HOLD	
13	GP-2A 3'	1/9/10	1058	X		SO	X				
14	GP-2A 10' *	1/9/10	1100	X		SO	X			* HOLD	

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hadley	1/11/10 12:02
2: Kathleen Hadley	1/11/10 1:58	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Road ATL, GA
SEND REPORT TO: Shannon Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N: Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001544

Date: 1/7/10 Page 3 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260* / TCLP Metals / TCLP VOC

PRESERVATION (See codes): H+I / N / N

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-3A 5'	1/9/10	1110	X		SO	X			*See page 1	4
2	GP-5GR 3'	1/9/10	1120	X		SO	X			for list of	4
3	GP-1A 10' *	1/9/10	1123	X		SO	X			anal. tes	4
4	~~HA-33 3'~~	~~1/9/10~~	~~1130~~	~~X~~		~~SO~~	~~X~~			* HOLD	~~4~~
5	~~HA-33 GW~~	~~1/9/10~~	~~1133~~	~~X~~		~~SO~~	~~X~~				
6	HA-19 5'	1/9/10	1150	X		SO	X				
7	DUP-04	1/9/10	—	X		SO	X				
8	GP-5H 3'	1/9/10	1155	X		SO	X				
9	GP-2B 5'	1/9/10	1206	X		SO	X				
10	GP-AS-23 5'	1/9/10	1215	X		SO	X				
11	~~[illegible]~~ DUP-02	1/9/10	—	X		SO	X				
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: R Hoagland	1/11/10 1000	1: Kathleen Hradley	1/11/10
2: Kathleen Hradley	1/11/10 1:58	2: [illegible]	1/11/10 12:43 1:57
3:		3:	

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100506
SITE ADDRESS: 2411 Sullivan Rd, Atl, GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: ____ PO#: ____

RECEIPT
Total # of Containers

Turnaround Time Request
- ● Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other ____

STATE PROGRAM (if any): ____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

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MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001544

Date: 1/7/10 Page 4 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA

PHONE: 770 590 8383

FAX: 770 590 9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260B*, TCLP Metals, TCLP VOC

PRESERVATION (See codes): Simple, H, H

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260B*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-101 3'	1/9/10	1230	X		SO	X			* See page 1 for list of analytes	
2	GP-101 8'		1235				X				
3	GP-102 3'		1250				X				
4	GP-102 8'		1253				X				
5	GP-103 3'		1310				X				
6	GP-103 8'		1312				X				
7	GP-104 3'		1330				X				
8	GP-104 8'		1335				X	X	X		
9											
10											
11											
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:03
2: Kathleen Hardley	1/11/10 1:57	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100586
SITE ADDRESS: 2411 Sullivan Rd Atl
SEND REPORT TO: Shannon Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N: Fax? Y / N
DATA PACKAGE: I II III IV

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White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMM Work Order Number 1001544

Checklist completed by [signature] 1/11/10 [signature] 1/12/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present ✓

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present __

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4°C Cooler #2 3.9°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc. Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab Order: 1001544

CASE NARRATIVE

Sample Receiving Nonconformance:

A Trip Blank was provided, but not listed on the Chain of Custody. Trip blank analyzed at no cost to the client.

Two sets of GP-102 8' were received and placed on hold and Sample GP-103 3' was not received.

On the Chain of Custody, Sample GP-5H 3' was listed twice with different collection dates & times. Only one set labeled as GP-5H 3', with no collection dates & times on the containers, was received. The sample was logged in according to the earliest collection date & time listed.

1/12/10 4:38 p.m. Shanna Thompson was contacted, via email, and informed that Sample GP-5H 3' was listed twice on the COC; however, only one sample was received. Additionally, the client was informed that two samples for GP-102 8' were received and a sample for GP-103 3' was not received.

1/13/10 9:11 a.m. Per Richard Hoagland, via email, Sample GP-5H 3' was collected on 01/07/2010 at 1320.

1/13/10 11:13 a.m. Per Richard Hoagland, via phone, Sample GP-102 8' and GP-103 3' will be re-submitted.

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on Sample 1001544-015A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Due to sample matrix, Samples 1001544-005A, -006A, -011A, -012A, -013A, -022A, -026A, and -037A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on Sample 1001544-039A and -014A was outside control limits biased low due to suspected matrix interference.

Percent recovery for the internal standard compounds Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on Sample 1001544-043A were outside control limits biased low due to suspected matrix interference.

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-001

Client Sample ID: HA-32 3'
Collection Date: 1/7/2010 10:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
Trichloroethene	49	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
Tetrachloroethene	30000	930		ug/Kg-dry	123758	100	1/13/2010 5:32 PM
Surr: 4-Bromofluorobenzene	89.9	58.2-140		%REC	123758	100	1/13/2010 5:32 PM
Surr: 4-Bromofluorobenzene	95.5	58.2-140		%REC	123774	1	1/13/2010 12:51 AM
Surr: Dibromofluoromethane	92.3	71.1-132		%REC	123758	100	1/13/2010 5:32 PM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123774	1	1/13/2010 12:51 AM
Surr: Toluene-d8	87.7	77.6-119		%REC	123758	100	1/13/2010 5:32 PM
Surr: Toluene-d8	98.8	77.6-119		%REC	123774	1	1/13/2010 12:51 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	14.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-002

Client Sample ID: HA-32 5'
Collection Date: 1/7/2010 10:10:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	140		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
Vinyl chloride	BRL	9.1		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
Trichloroethene	8.1	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
Tetrachloroethene	660	270		ug/Kg-dry	123758	50	1/13/2010 5:59 PM
Surr: 4-Bromofluorobenzene	87.5	58.2-140		%REC	123758	50	1/13/2010 5:59 PM
Surr: 4-Bromofluorobenzene	98.3	58.2-140		%REC	123774	1	1/13/2010 1:16 AM
Surr: Dibromofluoromethane	89.7	71.1-132		%REC	123758	50	1/13/2010 5:59 PM
Surr: Dibromofluoromethane	107	71.1-132		%REC	123774	1	1/13/2010 1:16 AM
Surr: Toluene-d8	87.7	77.6-119		%REC	123758	50	1/13/2010 5:59 PM
Surr: Toluene-d8	102	77.6-119		%REC	123774	1	1/13/2010 1:16 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	13.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-003

Client Sample ID: GP-5E 3'
Collection Date: 1/7/2010 10:20:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	140		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Vinyl chloride	BRL	9.5		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Trichloroethene	13	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Tetrachloroethene	74	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Surr: 4-Bromofluorobenzene	101	58.2-140		%REC	123774	1	1/13/2010 1:42 AM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123774	1	1/13/2010 1:42 AM
Surr: Toluene-d8	100	77.6-119		%REC	123774	1	1/13/2010 1:42 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-004

Client Sample ID: GP-AS-40 3'
Collection Date: 1/7/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	130		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
Vinyl chloride	BRL	9.0		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
Trichloroethene	10	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
Tetrachloroethene	1500	250		ug/Kg-dry	123758	50	1/14/2010 7:19 PM
Surr: 4-Bromofluorobenzene	90.7	58.2-140		%REC	123758	50	1/14/2010 7:19 PM
Surr: 4-Bromofluorobenzene	93.6	58.2-140		%REC	123884	1	1/14/2010 12:10 PM
Surr: Dibromofluoromethane	92.3	71.1-132		%REC	123758	50	1/14/2010 7:19 PM
Surr: Dibromofluoromethane	98.1	71.1-132		%REC	123884	1	1/14/2010 12:10 PM
Surr: Toluene-d8	89.2	77.6-119		%REC	123758	50	1/14/2010 7:19 PM
Surr: Toluene-d8	96.6	77.6-119		%REC	123884	1	1/14/2010 12:10 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	11.7	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-005

Client Sample ID: HA-31 3'
Collection Date: 1/7/2010 11:05:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7800		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
Vinyl chloride	BRL	520		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
1,1-Dichloroethene	BRL	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
trans-1,2-Dichloroethene	BRL	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
cis-1,2-Dichloroethene	BRL	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
Trichloroethene	600	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
Tetrachloroethene	100000	26000		ug/Kg-dry	123758	5000	1/15/2010 12:20 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123758	50	1/14/2010 7:46 PM
Surr: 4-Bromofluorobenzene	88.4	58.2-140		%REC	123758	5000	1/15/2010 12:20 PM
Surr: Dibromofluoromethane	88.2	71.1-132		%REC	123758	50	1/14/2010 7:46 PM
Surr: Dibromofluoromethane	91.8	71.1-132		%REC	123758	5000	1/15/2010 12:20 PM
Surr: Toluene-d8	89.1	77.6-119		%REC	123758	50	1/14/2010 7:46 PM
Surr: Toluene-d8	91.6	77.6-119		%REC	123758	5000	1/15/2010 12:20 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-006

Client Sample ID: HA-31 5'
Collection Date: 1/7/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	8200		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
Vinyl chloride	BRL	550		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
1,1-Dichloroethene	BRL	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
trans-1,2-Dichloroethene	BRL	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
cis-1,2-Dichloroethene	BRL	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
Trichloroethene	1100	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
Tetrachloroethene	48000	2700		ug/Kg-dry	123758	500	1/15/2010 11:53 AM
Surr: 4-Bromofluorobenzene	87.5	58.2-140		%REC	123758	50	1/14/2010 8:13 PM
Surr: 4-Bromofluorobenzene	85.5	58.2-140		%REC	123758	500	1/15/2010 11:53 AM
Surr: Dibromofluoromethane	91.3	71.1-132		%REC	123758	50	1/14/2010 8:13 PM
Surr: Dibromofluoromethane	88.4	71.1-132		%REC	123758	500	1/15/2010 11:53 AM
Surr: Toluene-d8	91.1	77.6-119		%REC	123758	50	1/14/2010 8:13 PM
Surr: Toluene-d8	88.3	77.6-119		%REC	123758	500	1/15/2010 11:53 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-007

Client Sample ID: AEM-GP-3 3'
Collection Date: 1/7/2010 11:34:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
cis-1,2-Dichloroethene	34	4.9		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
Trichloroethene	3100	210		ug/Kg-dry	123758	50	1/14/2010 8:39 PM
Tetrachloroethene	12000	2400		ug/Kg-dry	123883	500	1/15/2010 1:41 PM
Surr: 4-Bromofluorobenzene	89.3	58.2-140		%REC	123884	1	1/14/2010 3:12 PM
Surr: 4-Bromofluorobenzene	89.3	58.2-140		%REC	123758	50	1/14/2010 8:39 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123883	500	1/15/2010 1:41 PM
Surr: Dibromofluoromethane	93.3	71.1-132		%REC	123883	500	1/15/2010 1:41 PM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123884	1	1/14/2010 3:12 PM
Surr: Dibromofluoromethane	90.5	71.1-132		%REC	123758	50	1/14/2010 8:39 PM
Surr: Toluene-d8	89.0	77.6-119		%REC	123758	50	1/14/2010 8:39 PM
Surr: Toluene-d8	90.5	77.6-119		%REC	123883	500	1/15/2010 1:41 PM
Surr: Toluene-d8	97.0	77.6-119		%REC	123884	1	1/14/2010 3:12 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-008

Client Sample ID: HA-30 3'
Collection Date: 1/7/2010 11:50:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
cis-1,2-Dichloroethene	38	4.9		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
Trichloroethene	1700	1300		ug/Kg-dry	123883	500	1/15/2010 2:07 PM
Tetrachloroethene	43000	2200		ug/Kg-dry	123883	500	1/15/2010 2:07 PM
Surr: 4-Bromofluorobenzene	88.0	58.2-140		%REC	123883	500	1/15/2010 2:07 PM
Surr: 4-Bromofluorobenzene	87.6	58.2-140		%REC	123884	1	1/14/2010 3:40 PM
Surr: Dibromofluoromethane	94.5	71.1-132		%REC	123883	500	1/15/2010 2:07 PM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123884	1	1/14/2010 3:40 PM
Surr: Toluene-d8	90.0	77.6-119		%REC	123883	500	1/15/2010 2:07 PM
Surr: Toluene-d8	97.8	77.6-119		%REC	123884	1	1/14/2010 3:40 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-009

Client Sample ID: HA-30 5'
Collection Date: 1/7/2010 11:57:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:39 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:09 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:09 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:09 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:09 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:09 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:09 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:09 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 4:29 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Tetrachloroethene	0.55	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 4:29 PM
Surr: 4-Bromofluorobenzene	80.6	65.3-127		%REC	123789	20	1/15/2010 4:29 PM
Surr: Dibromofluoromethane	108	76.3-123		%REC	123789	20	1/15/2010 4:29 PM
Surr: Toluene-d8	88.4	82-119		%REC	123789	20	1/15/2010 4:29 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	160		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
cis-1,2-Dichloroethene	16	5.4		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
Trichloroethene	5700	260		ug/Kg-dry	123883	50	1/15/2010 1:07 AM
Tetrachloroethene	53000	2600		ug/Kg-dry	123883	500	1/15/2010 2:34 PM
Surr: 4-Bromofluorobenzene	90.1	58.2-140		%REC	123883	50	1/15/2010 1:07 AM
Surr: 4-Bromofluorobenzene	89.9	58.2-140		%REC	123884	1	1/14/2010 4:07 PM
Surr: 4-Bromofluorobenzene	86.5	58.2-140		%REC	123883	500	1/15/2010 2:34 PM
Surr: Dibromofluoromethane	91.0	71.1-132		%REC	123883	50	1/15/2010 1:07 AM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123884	1	1/14/2010 4:07 PM
Surr: Dibromofluoromethane	93.0	71.1-132		%REC	123883	500	1/15/2010 2:34 PM
Surr: Toluene-d8	89.1	77.6-119		%REC	123883	50	1/15/2010 1:07 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value
- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-009

Client Sample ID: HA-30 5'
Collection Date: 1/7/2010 11:57:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
Surr: Toluene-d8	98.3	77.6-119		%REC	123884	1	1/14/2010 4:07 PM
Surr: Toluene-d8	91.3	77.6-119		%REC	123883	500	1/15/2010 2:34 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	12.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-010

Client Sample ID: AEM-GP-4 1.5'
Collection Date: 1/7/2010 12:40:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	140		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Vinyl chloride	BRL	9.6		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Trichloroethene	7.6	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Tetrachloroethene	160	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Surr: 4-Bromofluorobenzene	96.9	58.2-140		%REC	123884	1	1/15/2010 11:25 AM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123884	1	1/15/2010 11:25 AM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 11:25 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	10.2	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-011

Client Sample ID: HA-19 2.5'
Collection Date: 1/7/2010 1:10:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7100		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
Vinyl chloride	BRL	470		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
1,1-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
trans-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
cis-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
Trichloroethene	1200	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
Tetrachloroethene	82000	4700		ug/Kg-dry	123883	1000	1/15/2010 12:47 PM
Surr: 4-Bromofluorobenzene	87.1	58.2-140		%REC	123883	1000	1/15/2010 12:47 PM
Surr: 4-Bromofluorobenzene	88.4	58.2-140		%REC	123883	50	1/15/2010 2:02 AM
Surr: Dibromofluoromethane	92.3	71.1-132		%REC	123883	1000	1/15/2010 12:47 PM
Surr: Dibromofluoromethane	88.1	71.1-132		%REC	123883	50	1/15/2010 2:02 AM
Surr: Toluene-d8	89.2	77.6-119		%REC	123883	1000	1/15/2010 12:47 PM
Surr: Toluene-d8	88.4	77.6-119		%REC	123883	50	1/15/2010 2:02 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-012

Client Sample ID: GP-5H 3'
Collection Date: 1/7/2010 1:20:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	6400		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
Vinyl chloride	BRL	430		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
1,1-Dichloroethene	BRL	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
trans-1,2-Dichloroethene	BRL	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
cis-1,2-Dichloroethene	BRL	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
Trichloroethene	2300	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
Tetrachloroethene	61000	4300		ug/Kg-dry	123883	1000	1/15/2010 1:14 PM
Surr: 4-Bromofluorobenzene	89.0	58.2-140		%REC	123883	50	1/15/2010 2:29 AM
Surr: 4-Bromofluorobenzene	86.9	58.2-140		%REC	123883	1000	1/15/2010 1:14 PM
Surr: Dibromofluoromethane	87.4	71.1-132		%REC	123883	50	1/15/2010 2:29 AM
Surr: Dibromofluoromethane	90.3	71.1-132		%REC	123883	1000	1/15/2010 1:14 PM
Surr: Toluene-d8	89.4	77.6-119		%REC	123883	50	1/15/2010 2:29 AM
Surr: Toluene-d8	90.6	77.6-119		%REC	123883	1000	1/15/2010 1:14 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-013

Client Sample ID: DUP-01
Collection Date: 1/7/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	6000		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
Vinyl chloride	BRL	400		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
1,1-Dichloroethene	BRL	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
trans-1,2-Dichloroethene	BRL	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
cis-1,2-Dichloroethene	BRL	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
Trichloroethene	1200	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
Tetrachloroethene	28000	2000		ug/Kg-dry	123758	500	1/15/2010 3:01 PM
Surr: 4-Bromofluorobenzene	85.8	58.2-140		%REC	123758	500	1/15/2010 3:01 PM
Surr: 4-Bromofluorobenzene	87.1	58.2-140		%REC	123758	50	1/14/2010 9:06 PM
Surr: Dibromofluoromethane	91.5	71.1-132		%REC	123758	500	1/15/2010 3:01 PM
Surr: Dibromofluoromethane	89.2	71.1-132		%REC	123758	50	1/14/2010 9:06 PM
Surr: Toluene-d8	88.3	77.6-119		%REC	123758	500	1/15/2010 3:01 PM
Surr: Toluene-d8	90.0	77.6-119		%REC	123758	50	1/14/2010 9:06 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	7.34	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-014

Client Sample ID: GP-2C 1'
Collection Date: 1/7/2010 1:40:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	140		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
Vinyl chloride	BRL	9.0		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
Trichloroethene	270	220		ug/Kg-dry	123758	50	1/14/2010 9:33 PM
Tetrachloroethene	910	220		ug/Kg-dry	123758	50	1/14/2010 9:33 PM
Surr: 4-Bromofluorobenzene	90.0	58.2-140		%REC	123758	50	1/14/2010 9:33 PM
Surr: 4-Bromofluorobenzene	83.3	58.2-140		%REC	123884	1	1/15/2010 4:57 PM
Surr: Dibromofluoromethane	89.8	71.1-132		%REC	123758	50	1/14/2010 9:33 PM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123884	1	1/15/2010 4:57 PM
Surr: Toluene-d8	88.4	77.6-119		%REC	123758	50	1/14/2010 9:33 PM
Surr: Toluene-d8	101	77.6-119		%REC	123884	1	1/15/2010 4:57 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	10.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-015

Client Sample ID: GP-2B 2'
Collection Date: 1/7/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
Trichloroethene	52	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
Tetrachloroethene	66000	2500		ug/Kg-dry	123758	500	1/13/2010 6:25 PM
Surr: 4-Bromofluorobenzene	86.0	58.2-140		%REC	123758	500	1/13/2010 6:25 PM
Surr: 4-Bromofluorobenzene	88.5	58.2-140		%REC	123774	1	1/12/2010 11:09 PM
Surr: Dibromofluoromethane	91.7	71.1-132		%REC	123758	500	1/13/2010 6:25 PM
Surr: Dibromofluoromethane	97.7	71.1-132		%REC	123774	1	1/12/2010 11:09 PM
Surr: Toluene-d8	90.2	77.6-119		%REC	123758	500	1/13/2010 6:25 PM
Surr: Toluene-d8	91.2	77.6-119		%REC	123774	1	1/12/2010 11:09 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-016

Client Sample ID: AEM-HA6 4.5'
Collection Date: 1/8/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
1,1-Dichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
trans-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
cis-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Trichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Tetrachloroethene	69	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Surr: 4-Bromofluorobenzene	97.0	58.2-140		%REC	123774	1	1/15/2010 11:50 AM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123774	1	1/15/2010 11:50 AM
Surr: Toluene-d8	98.1	77.6-119		%REC	123774	1	1/15/2010 11:50 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	13.5	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-017

Client Sample ID: GP-AS-39 3'
Collection Date: 1/8/2010 11:54:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
1,1-Dichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
trans-1,2-Dichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
cis-1,2-Dichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
Trichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
Tetrachloroethene	2000	280		ug/Kg-dry	123758	50	1/13/2010 6:53 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123758	50	1/13/2010 6:53 PM
Surr: 4-Bromofluorobenzene	92.8	58.2-140		%REC	123774	1	1/13/2010 12:25 AM
Surr: Dibromofluoromethane	89.2	71.1-132		%REC	123758	50	1/13/2010 6:53 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123774	1	1/13/2010 12:25 AM
Surr: Toluene-d8	89.5	77.6-119		%REC	123758	50	1/13/2010 6:53 PM
Surr: Toluene-d8	102	77.6-119		%REC	123774	1	1/13/2010 12:25 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	17.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-018

Client Sample ID: GP-100 4'
Collection Date: 1/8/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Trichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Tetrachloroethene	150	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Surr: 4-Bromofluorobenzene	95.9	58.2-140		%REC	123774	1	1/13/2010 12:00 AM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123774	1	1/13/2010 12:00 AM
Surr: Toluene-d8	102	77.6-119		%REC	123774	1	1/13/2010 12:00 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	10.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-019

Client Sample ID: GP-AS-39 11'
Collection Date: 1/9/2010 9:35:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:47 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:42 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:42 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:42 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:42 PM
Lead	0.111	0.0500		mg/L	123846	1	1/14/2010 2:42 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:42 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:42 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 4:57 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Tetrachloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 4:57 PM
Surr: 4-Bromofluorobenzene	87.9	65.3-127		%REC	123789	20	1/15/2010 4:57 PM
Surr: Dibromofluoromethane	97.9	76.3-123		%REC	123789	20	1/15/2010 4:57 PM
Surr: Toluene-d8	82.9	82-119		%REC	123789	20	1/15/2010 4:57 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	170		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
Trichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
Tetrachloroethene	530	330		ug/Kg-dry	123758	50	1/13/2010 7:20 PM
Surr: 4-Bromofluorobenzene	95.8	58.2-140		%REC	123774	1	1/12/2010 10:19 PM
Surr: 4-Bromofluorobenzene	90.0	58.2-140		%REC	123758	50	1/13/2010 7:20 PM
Surr: Dibromofluoromethane	90.8	71.1-132		%REC	123758	50	1/13/2010 7:20 PM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123774	1	1/12/2010 10:19 PM
Surr: Toluene-d8	101	77.6-119		%REC	123774	1	1/12/2010 10:19 PM
Surr: Toluene-d8	90.0	77.6-119		%REC	123758	50	1/13/2010 7:20 PM
PERCENT MOISTURE D2216							Analyst: AZS

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	GP-AS-39 11'
Project:	Williamson Dickie	**Collection Date:**	1/9/2010 9:35:00 AM
Lab ID:	1001544-019	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	27.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-022

Client Sample ID: GP-5D 3'
Collection Date: 1/9/2010 10:25:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:49 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:46 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:46 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:46 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:46 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:46 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:46 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:46 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 5:25 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Tetrachloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 5:25 PM
Surr: 4-Bromofluorobenzene	80.1	65.3-127		%REC	123789	20	1/15/2010 5:25 PM
Surr: Dibromofluoromethane	107	76.3-123		%REC	123789	20	1/15/2010 5:25 PM
Surr: Toluene-d8	86.5	82-119		%REC	123789	20	1/15/2010 5:25 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: JTC
1,4-Dioxane	BRL	7500		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
Vinyl chloride	BRL	500		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
1,1-Dichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
trans-1,2-Dichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
cis-1,2-Dichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
Trichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
Tetrachloroethene	39000	2500		ug/Kg-dry	123883	500	1/15/2010 3:28 PM
Surr: 4-Bromofluorobenzene	87.1	58.2-140		%REC	123883	500	1/15/2010 3:28 PM
Surr: 4-Bromofluorobenzene	87.5	58.2-140		%REC	123883	50	1/15/2010 3:50 AM
Surr: Dibromofluoromethane	88.8	71.1-132		%REC	123883	50	1/15/2010 3:50 AM
Surr: Dibromofluoromethane	92.6	71.1-132		%REC	123883	500	1/15/2010 3:28 PM
Surr: Toluene-d8	91.4	77.6-119		%REC	123883	50	1/15/2010 3:50 AM
Surr: Toluene-d8	89.3	77.6-119		%REC	123883	500	1/15/2010 3:28 PM
PERCENT MOISTURE D2216							Analyst: AZS

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	GP-5D 3'
Project:	Williamson Dickie	**Collection Date:**	1/9/2010 10:25:00 AM
Lab ID:	1001544-022	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	23.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-023

Client Sample ID: DUP-03
Collection Date: 1/9/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:51 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:51 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:51 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:51 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:51 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:51 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:51 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:51 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 5:54 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Tetrachloroethene	5.9	0.25	*	mg/L	123789	50	1/16/2010 12:31 AM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 5:54 PM
Surr: 4-Bromofluorobenzene	78.7	65.3-127		%REC	123789	50	1/16/2010 12:31 AM
Surr: 4-Bromofluorobenzene	78.7	65.3-127		%REC	123789	20	1/15/2010 5:54 PM
Surr: Dibromofluoromethane	103	76.3-123		%REC	123789	50	1/16/2010 12:31 AM
Surr: Dibromofluoromethane	104	76.3-123		%REC	123789	20	1/15/2010 5:54 PM
Surr: Toluene-d8	91.8	82-119		%REC	123789	20	1/15/2010 5:54 PM
Surr: Toluene-d8	87.2	82-119		%REC	123789	50	1/16/2010 12:31 AM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	150		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
Trichloroethene	19	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
Tetrachloroethene	2800	260		ug/Kg-dry	123883	50	1/15/2010 4:17 AM
Surr: 4-Bromofluorobenzene	87.7	58.2-140		%REC	123883	50	1/15/2010 4:17 AM
Surr: 4-Bromofluorobenzene	90.6	58.2-140		%REC	123911	1	1/15/2010 5:48 PM
Surr: Dibromofluoromethane	86.9	71.1-132		%REC	123883	50	1/15/2010 4:17 AM
Surr: Dibromofluoromethane	98.3	71.1-132		%REC	123911	1	1/15/2010 5:48 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	DUP-03
Project:	Williamson Dickie	**Collection Date:**	1/9/2010
Lab ID:	1001544-023	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5035)**		Analyst: **FA**
Surr: Toluene-d8	88.2	77.6-119		%REC	123883	50	1/15/2010 4:17 AM
Surr: Toluene-d8	100	77.6-119		%REC	123911	1	1/15/2010 5:48 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-024

Client Sample ID: HA-23 3'
Collection Date: 1/9/2010 10:40:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
Vinyl chloride	BRL	9.9		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
Trichloroethene	67	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
Tetrachloroethene	1100	260		ug/Kg-dry	123883	50	1/14/2010 10:00 PM
Surr: 4-Bromofluorobenzene	90.1	58.2-140		%REC	123883	50	1/14/2010 10:00 PM
Surr: 4-Bromofluorobenzene	94.3	58.2-140		%REC	123884	1	1/15/2010 5:22 PM
Surr: Dibromofluoromethane	90.6	71.1-132		%REC	123883	50	1/14/2010 10:00 PM
Surr: Dibromofluoromethane	98.9	71.1-132		%REC	123884	1	1/15/2010 5:22 PM
Surr: Toluene-d8	90.8	77.6-119		%REC	123883	50	1/14/2010 10:00 PM
Surr: Toluene-d8	102	77.6-119		%REC	123884	1	1/15/2010 5:22 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.7	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-026

Client Sample ID: GP-2A 3'
Collection Date: 1/9/2010 10:58:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7100		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
Vinyl chloride	BRL	470		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
1,1-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
trans-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
cis-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
Trichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
Tetrachloroethene	25000	2400		ug/Kg-dry	123883	500	1/15/2010 3:55 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123883	50	1/15/2010 4:44 AM
Surr: 4-Bromofluorobenzene	86.4	58.2-140		%REC	123883	500	1/15/2010 3:55 PM
Surr: Dibromofluoromethane	88.6	71.1-132		%REC	123883	50	1/15/2010 4:44 AM
Surr: Dibromofluoromethane	91.9	71.1-132		%REC	123883	500	1/15/2010 3:55 PM
Surr: Toluene-d8	89.9	77.6-119		%REC	123883	50	1/15/2010 4:44 AM
Surr: Toluene-d8	91.2	77.6-119		%REC	123883	500	1/15/2010 3:55 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.8	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-028

Client Sample ID: GP-3A 5'
Collection Date: 1/9/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Trichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Tetrachloroethene	30	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Surr: 4-Bromofluorobenzene	93.1	58.2-140		%REC	123911	1	1/15/2010 4:05 PM
Surr: Dibromofluoromethane	105	71.1-132		%REC	123911	1	1/15/2010 4:05 PM
Surr: Toluene-d8	101	77.6-119		%REC	123911	1	1/15/2010 4:05 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.2	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-029

Client Sample ID: GP-5GR 3'
Collection Date: 1/9/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
Vinyl chloride	BRL	10		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
Trichloroethene	13	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
Tetrachloroethene	6600	260		ug/Kg-dry	123898	50	1/15/2010 1:40 PM
Surr: 4-Bromofluorobenzene	94.0	58.2-140		%REC	123884	1	1/15/2010 12:15 PM
Surr: 4-Bromofluorobenzene	103	58.2-140		%REC	123898	50	1/15/2010 1:40 PM
Surr: Dibromofluoromethane	97.1	71.1-132		%REC	123884	1	1/15/2010 12:15 PM
Surr: Dibromofluoromethane	105	71.1-132		%REC	123898	50	1/15/2010 1:40 PM
Surr: Toluene-d8	97.7	77.6-119		%REC	123884	1	1/15/2010 12:15 PM
Surr: Toluene-d8	96.9	77.6-119		%REC	123898	50	1/15/2010 1:40 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-030

Client Sample ID: GP-1A 10'
Collection Date: 1/9/2010 11:23:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	190		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
1,1-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
trans-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
cis-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Trichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Tetrachloroethene	24	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Surr: 4-Bromofluorobenzene	100	58.2-140		%REC	123884	1	1/15/2010 11:00 AM
Surr: Dibromofluoromethane	97.8	71.1-132		%REC	123884	1	1/15/2010 11:00 AM
Surr: Toluene-d8	96.9	77.6-119		%REC	123884	1	1/15/2010 11:00 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	21.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-031

Client Sample ID: HA-19 5'
Collection Date: 1/9/2010 11:50:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	170		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
1,1-Dichloroethene	BRL	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
trans-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
cis-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Trichloroethene	9.9	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Tetrachloroethene	47	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Surr: 4-Bromofluorobenzene	95.5	58.2-140		%REC	123884	1	1/15/2010 12:41 PM
Surr: Dibromofluoromethane	98.2	71.1-132		%REC	123884	1	1/15/2010 12:41 PM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 12:41 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	13.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-032

Client Sample ID: DUP-04
Collection Date: 1/9/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
1,1-Dichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
trans-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
cis-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Trichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Tetrachloroethene	17	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Surr: 4-Bromofluorobenzene	94.4	58.2-140		%REC	123884	1	1/15/2010 1:06 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123884	1	1/15/2010 1:06 PM
Surr: Toluene-d8	102	77.6-119		%REC	123884	1	1/15/2010 1:06 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	20.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-034

Client Sample ID: GP-2B 5'
Collection Date: 1/9/2010 12:06:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Trichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Tetrachloroethene	14	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Surr: 4-Bromofluorobenzene	99.3	58.2-140		%REC	123884	1	1/15/2010 1:32 PM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123884	1	1/15/2010 1:32 PM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 1:32 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-035

Client Sample ID: GP-AS-23 5'
Collection Date: 1/9/2010 12:15:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	140		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Vinyl chloride	BRL	9.3		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Trichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Tetrachloroethene	89	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Surr: 4-Bromofluorobenzene	94.8	58.2-140		%REC	123884	1	1/15/2010 1:57 PM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123884	1	1/15/2010 1:57 PM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 1:57 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-036

Client Sample ID: DUP-02
Collection Date: 1/9/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	160		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Trichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Tetrachloroethene	67	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Surr: 4-Bromofluorobenzene	96.8	58.2-140		%REC	123774	1	1/12/2010 10:44 PM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123774	1	1/12/2010 10:44 PM
Surr: Toluene-d8	99.6	77.6-119		%REC	123774	1	1/12/2010 10:44 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	19.8	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-037

Client Sample ID: GP-101 3'
Collection Date: 1/9/2010 12:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7000		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Vinyl chloride	BRL	470		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
1,1-Dichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
trans-1,2-Dichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
cis-1,2-Dichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Trichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Tetrachloroethene	8200	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Surr: 4-Bromofluorobenzene	86.7	58.2-140		%REC	123883	50	1/15/2010 7:52 AM
Surr: Dibromofluoromethane	88.1	71.1-132		%REC	123883	50	1/15/2010 7:52 AM
Surr: Toluene-d8	88.8	77.6-119		%REC	123883	50	1/15/2010 7:52 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-038

Client Sample ID: GP-101 8'
Collection Date: 1/9/2010 12:35:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
1,1-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
trans-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
cis-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Trichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Tetrachloroethene	40	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Surr: 4-Bromofluorobenzene	94.2	58.2-140		%REC	123884	1	1/15/2010 3:15 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123884	1	1/15/2010 3:15 PM
Surr: Toluene-d8	103	77.6-119		%REC	123884	1	1/15/2010 3:15 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	24.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-039

Client Sample ID: GP-102 3'
Collection Date: 1/9/2010 12:50:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	130		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Vinyl chloride	BRL	9.0		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Trichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Tetrachloroethene	170	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Surr: 4-Bromofluorobenzene	89.0	58.2-140		%REC	123911	1	1/15/2010 4:31 PM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123911	1	1/15/2010 4:31 PM
Surr: Toluene-d8	97.1	77.6-119		%REC	123911	1	1/15/2010 4:31 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	14.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-042

Client Sample ID: GP-103 8'
Collection Date: 1/9/2010 1:12:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	170		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Trichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Tetrachloroethene	65	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Surr: 4-Bromofluorobenzene	93.7	58.2-140		%REC	123884	1	1/15/2010 3:40 PM
Surr: Dibromofluoromethane	98.5	71.1-132		%REC	123884	1	1/15/2010 3:40 PM
Surr: Toluene-d8	99.1	77.6-119		%REC	123884	1	1/15/2010 3:40 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	22.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-043

Client Sample ID: GP-104 3'
Collection Date: 1/9/2010 1:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	190		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Vinyl chloride	BRL	13		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
1,1-Dichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
trans-1,2-Dichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
cis-1,2-Dichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Trichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Tetrachloroethene	120	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Surr: 4-Bromofluorobenzene	71.6	58.2-140		%REC	123884	1	1/15/2010 2:23 PM
Surr: Dibromofluoromethane	110	71.1-132		%REC	123884	1	1/15/2010 2:23 PM
Surr: Toluene-d8	92.2	77.6-119		%REC	123884	1	1/15/2010 2:23 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	17.2	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-044

Client Sample ID: GP-104 8'
Collection Date: 1/9/2010 1:35:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:53 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:55 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:55 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:55 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:55 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:55 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:55 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:55 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 6:23 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Tetrachloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 6:23 PM
Surr: 4-Bromofluorobenzene	83.2	65.3-127		%REC	123789	20	1/15/2010 6:23 PM
Surr: Dibromofluoromethane	109	76.3-123		%REC	123789	20	1/15/2010 6:23 PM
Surr: Toluene-d8	92.7	82-119		%REC	123789	20	1/15/2010 6:23 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
1,1-Dichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
trans-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
cis-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Trichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Tetrachloroethene	47	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Surr: 4-Bromofluorobenzene	95.8	58.2-140		%REC	123884	1	1/15/2010 2:49 PM
Surr: Dibromofluoromethane	99.2	71.1-132		%REC	123884	1	1/15/2010 2:49 PM
Surr: Toluene-d8	104	77.6-119		%REC	123884	1	1/15/2010 2:49 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	19.7	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-045

Client Sample ID: TRIP BLANK
Collection Date: 1/11/2010
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5030B)**		Analyst: **JTC**
1,1-Dichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
1,4-Dioxane	BRL	150		ug/L	123708	1	1/13/2010 5:05 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
Tetrachloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
Trichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
Vinyl chloride	BRL	2.0		ug/L	123708	1	1/13/2010 5:05 PM
Surr: 4-Bromofluorobenzene	85.9	60.1-127		%REC	123708	1	1/13/2010 5:05 PM
Surr: Dibromofluoromethane	92.6	79.6-126		%REC	123708	1	1/13/2010 5:05 PM
Surr: Toluene-d8	88.5	78-116		%REC	123708	1	1/13/2010 5:05 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY, TCLP SW1311/7470A

Sample ID: **MB-123853** SampType: **MBLK** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384816**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.00400	0	0	0	0	0	0	0		

Sample ID: **LCS-123853** SampType: **LCS** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384817**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04111	0.00400	0.04	0	103	80	120	0	0		

Sample ID: **1001544-009DMS** SampType: **MS** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: **HA-30 5'** TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384821**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04062	0.00400	0.04	0	102	80	120	0	0		

Sample ID: **1001544-009DMSD** SampType: **MSD** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: **HA-30 5'** TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384822**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04047	0.00400	0.04	0	101	80	120	0.04062	0.378	20	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS, TCLP SW1311/6010C

Sample ID: **MB-123846** SampType: **MBLK** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384853**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250	0	0	0	0	0	0	0		
Barium	BRL	0.500	0	0	0	0	0	0	0		
Cadmium	BRL	0.0250	0	0	0	0	0	0	0		
Chromium	BRL	0.0500	0	0	0	0	0	0	0		
Lead	BRL	0.0500	0	0	0	0	0	0	0		
Selenium	BRL	0.100	0	0	0	0	0	0	0		
Silver	BRL	0.0250	0	0	0	0	0	0	0		

Sample ID: **MB-123846-2** SampType: **MBLK** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384854**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250	0	0	0	0	0	0	0		
Barium	BRL	0.500	0	0	0	0	0	0	0		
Cadmium	BRL	0.0250	0	0	0	0	0	0	0		
Chromium	BRL	0.0500	0	0	0	0	0	0	0		
Lead	BRL	0.0500	0	0	0	0	0	0	0		
Selenium	BRL	0.100	0	0	0	0	0	0	0		
Silver	BRL	0.0250	0	0	0	0	0	0	0		

Sample ID: **LCS-123846** SampType: **LCS** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384852**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.27	0.250	5	0	105	85	115	0	0		
Barium	4.943	0.500	5	0	98.9	80	120	0	0		
Cadmium	5.094	0.0250	5	0	102	85	115	0	0		
Chromium	5.098	0.0500	5	0	102	85	115	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS, TCLP SW1311/6010C

Sample ID: **LCS-123846** SampType: **LCS** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384852**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.891	0.0500	5	0	97.8	85	115	0	0		
Selenium	5.333	0.100	5	0	107	85	115	0	0		
Silver	0.5058	0.0250	0.5	0	101	85	115	0	0		

Sample ID: **1001544-009DMS** SampType: **MS** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: **HA-30 5'** TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384856**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.271	0.250	5	0	105	50	150	0	0		
Barium	5.217	0.500	5	0.3293	97.7	50	150	0	0		
Cadmium	5.071	0.0250	5	0	101	50	150	0	0		
Chromium	5.087	0.0500	5	0	102	50	150	0	0		
Lead	4.922	0.0500	5	0.04511	97.5	50	150	0	0		
Selenium	5.31	0.100	5	0	106	50	150	0	0		
Silver	0.503	0.0250	0.5	0	101	50	150	0	0		

Sample ID: **1001544-009DMSD** SampType: **MSD** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: **HA-30 5'** TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384857**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.183	0.250	5	0	104	50	150	5.271	1.68	30	
Barium	5.169	0.500	5	0.3293	96.8	50	150	5.217	0.919	30	
Cadmium	5	0.0250	5	0	100	50	150	5.071	1.41	30	
Chromium	4.995	0.0500	5	0	99.9	50	150	5.087	1.84	30	
Lead	4.832	0.0500	5	0.04511	95.7	50	150	4.922	1.84	30	
Selenium	5.255	0.100	5	0	105	50	150	5.31	1.03	30	
Silver	0.4959	0.0250	0.5	0	99.2	50	150	0.503	1.43	30	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: VOLATILES, TCLP SW1311/8260B

Sample ID: **MB-123789** SampType: **MBLK** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.0050									
1,2-Dichloroethane	BRL	0.0050									
2-Butanone	BRL	0.010									
Benzene	BRL	0.0050									
Carbon tetrachloride	BRL	0.0050									
Chlorobenzene	BRL	0.0050									
Chloroform	BRL	0.0050									
Tetrachloroethene	BRL	0.0050									
Trichloroethene	BRL	0.0050									
Vinyl chloride	BRL	0.0020									
Surr: 4-Bromofluorobenzene	0.04227	0	0.05	0	84.5	65.3	127	0	0		
Surr: Dibromofluoromethane	0.05035	0	0.05	0	101	76.3	123	0	0		
Surr: Toluene-d8	0.04394	0	0.05	0	87.9	82	119	0	0		

Sample ID: **LCS-123789** SampType: **LCS** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381816**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.06185	0.0050	0.05	0	124	68.2	155	0	0		
1,2-Dichloroethane	0.0535	0.0050	0.05	0	107	68.2	135	0	0		
2-Butanone	0.1025	0.010	0.1	0	103	37.1	173	0	0		
Benzene	0.05769	0.0050	0.05	0	115	79.4	134	0	0		
Carbon tetrachloride	0.05972	0.0050	0.05	0	119	60.9	158	0	0		
Chlorobenzene	0.05542	0.0050	0.05	0	111	80.3	124	0	0		
Chloroform	0.05272	0.0050	0.05	0	105	75.6	130	0	0		
Tetrachloroethene	0.05678	0.0050	0.05	0	114	71.9	145	0	0		
Trichloroethene	0.05135	0.0050	0.05	0	103	80.4	136	0	0		
Vinyl chloride	0.06036	0.0020	0.05	0	121	62.3	145	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: VOLATILES, TCLP SW1311/8260B

Sample ID: **LCS-123789** SampType: **LCS** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381816**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.05314	0	0.05	0	106	65.3	127	0	0		
Surr: Dibromofluoromethane	0.05189	0	0.05	0	104	76.3	123	0	0		
Surr: Toluene-d8	0.05452	0	0.05	0	109	82	119	0	0		

Sample ID: **1001152-002AMS** SampType: **MS** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381822**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.9796	0.10	1	0	98	70.7	154	0	0		*
1,2-Dichloroethane	1.06	0.10	1	0	106	55.8	146	0	0		*
2-Butanone	1.944	0.20	2	0	97.2	34.5	198	0	0		
Benzene	1.042	0.10	1	0	104	83	132	0	0		*
Carbon tetrachloride	0.8664	0.10	1	0	86.6	56.7	162	0	0		*
Chlorobenzene	1.015	0.10	1	0	102	83	122	0	0		
Chloroform	0.946	0.10	1	0	94.6	77.4	130	0	0		
Tetrachloroethene	0.9642	0.10	1	0	96.4	67.8	149	0	0		*
Trichloroethene	1.004	0.10	1	0	100	82.5	136	0	0		*
Vinyl chloride	0.9094	0.040	1	0	90.9	46.9	167	0	0		*
Surr: 4-Bromofluorobenzene	1.01	0	1	0	101	65.3	127	0	0		
Surr: Dibromofluoromethane	1.031	0	1	0	103	76.3	123	0	0		
Surr: Toluene-d8	1.059	0	1	0	106	82	119	0	0		

Sample ID: **1001152-002ADUP** SampType: **DUP** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163439**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/13/2010** SeqNo: **3381935**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	30	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: VOLATILES, TCLP SW1311/8260B

Sample ID: **1001152-002ADUP** SampType: **DUP** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163439**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/13/2010** SeqNo: **3381935**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	BRL	0.010	0	0	0	0	0	0	0	30	
Benzene	BRL	0.0050	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.0050	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.0050	0	0	0	0	0	0	0	30	
Tetrachloroethene	BRL	0.0050	0	0	0	0	0	0	0	30	
Trichloroethene	BRL	0.0050	0	0	0	0	0	0	0	30	
Vinyl chloride	BRL	0.0020	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	0.03996	0	0.05	0	79.9	65.3	127	0.03951	0	0	
Surr: Dibromofluoromethane	0.05128	0	0.05	0	103	76.3	123	0.05377	0	0	
Surr: Toluene-d8	0.0469	0	0.05	0	93.8	82	119	0.04778	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123758** SampType: **MBLK** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381100**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2234	0	2500	0	89.4	58.2	140	0	0		
Surr: Dibromofluoromethane	2342	0	2500	0	93.7	71.1	132	0	0		
Surr: Toluene-d8	2184	0	2500	0	87.4	77.6	119	0	0		

Sample ID: **MB-123774** SampType: **MBLK** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381479**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	49.16	0	50	0	98.3	58.2	140	0	0		
Surr: Dibromofluoromethane	50	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.61	0	50	0	99.2	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123884** SampType: **MBLK** Batch ID: **123884** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385342**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	45.96	0	50	0	91.9	58.2	140	0	0		
Surr: Dibromofluoromethane	49.8	0	50	0	99.6	71.1	132	0	0		
Surr: Toluene-d8	50.04	0	50	0	100	77.6	119	0	0		

Sample ID: **MB-123898** SampType: **MBLK** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2565	0	2500	0	103	58.2	140	0	0		
Surr: Dibromofluoromethane	2509	0	2500	0	100	71.1	132	0	0		
Surr: Toluene-d8	2488	0	2500	0	99.5	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123883** SampType: **MBLK** Batch ID: **123883** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385792**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2198	0	2500	0	87.9	58.2	140	0	0		
Surr: Dibromofluoromethane	2358	0	2500	0	94.3	71.1	132	0	0		
Surr: Toluene-d8	2224	0	2500	0	89	77.6	119	0	0		

Sample ID: **MB-123911** SampType: **MBLK** Batch ID: **123911** Units: **ug/Kg** Prep Date: **1/15/2010** RunNo: **163682**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/15/2010** SeqNo: **3387466**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	44.16	0	50	0	88.3	58.2	140	0	0		
Surr: Dibromofluoromethane	48.93	0	50	0	97.9	71.1	132	0	0		
Surr: Toluene-d8	48.36	0	50	0	96.7	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123758** SampType: **LCS** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2413	250	2500	0	96.5	66.1	158	0	0		
Trichloroethene	2731	250	2500	0	109	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2266	0	2500	0	90.6	58.2	140	0	0		
Surr: Dibromofluoromethane	2396	0	2500	0	95.8	71.1	132	0	0		
Surr: Toluene-d8	2274	0	2500	0	91	77.6	119	0	0		

Sample ID: **LCS-123774** SampType: **LCS** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.21	5.0	50	0	112	66.1	158	0	0		
Trichloroethene	55.87	5.0	50	0	112	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	50.41	0	50	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	50.17	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.91	0	50	0	99.8	77.6	119	0	0		

Sample ID: **LCS-123884** SampType: **LCS** Batch ID: **123884** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385340**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	67.26	5.0	50	0	135	66.1	158	0	0		
Trichloroethene	57.6	5.0	50	0	115	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	46.31	0	50	0	92.6	58.2	140	0	0		
Surr: Dibromofluoromethane	48.47	0	50	0	96.9	71.1	132	0	0		
Surr: Toluene-d8	48.58	0	50	0	97.2	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123898** SampType: **LCS** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385758**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1966	250	2500	0	78.7	66.1	158	0	0		
Trichloroethene	2278	250	2500	0	91.1	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2510	0	2500	0	100	58.2	140	0	0		
Surr: Dibromofluoromethane	2524	0	2500	0	101	71.1	132	0	0		
Surr: Toluene-d8	2514	0	2500	0	101	77.6	119	0	0		

Sample ID: **LCS-123883** SampType: **LCS** Batch ID: **123883** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2290	250	2500	0	91.6	66.1	158	0	0		
Trichloroethene	2700	250	2500	0	108	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2274	0	2500	0	91	58.2	140	0	0		
Surr: Dibromofluoromethane	2324	0	2500	0	93	71.1	132	0	0		
Surr: Toluene-d8	2294	0	2500	0	91.8	77.6	119	0	0		

Sample ID: **LCS-123911** SampType: **LCS** Batch ID: **123911** Units: **ug/Kg** Prep Date: **1/15/2010** RunNo: **163682**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/15/2010** SeqNo: **3387464**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	60.62	5.0	50	0	121	66.1	158	0	0		
Trichloroethene	50.28	5.0	50	0	101	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	45.32	0	50	0	90.6	58.2	140	0	0		
Surr: Dibromofluoromethane	49.67	0	50	0	99.3	71.1	132	0	0		
Surr: Toluene-d8	49.96	0	50	0	99.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001560-001AMS** SampType: **MS** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381537**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2996	280	2829	0	106	60.6	160	0	0		
Trichloroethene	3193	280	2829	0	113	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2639	0	2829	0	93.3	58.2	140	0	0		
Surr: Dibromofluoromethane	2577	0	2829	0	91.1	71.1	132	0	0		
Surr: Toluene-d8	2559	0	2829	0	90.5	77.6	119	0	0		

Sample ID: **1001560-002AMS** SampType: **MS** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383938**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	70.11	6.1	61.37	0	114	60.6	160	0	0		
Trichloroethene	67.96	6.1	61.37	0	111	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	60.82	0	61.37	0	99.1	58.2	140	0	0		
Surr: Dibromofluoromethane	60.07	0	61.37	0	97.9	71.1	132	0	0		
Surr: Toluene-d8	60.26	0	61.37	0	98.2	77.6	119	0	0		

Sample ID: **1001318-001AMS** SampType: **MS** Batch ID: **123884** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385673**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	85.63	6.6	65.71	0	130	60.6	160	0	0		
Trichloroethene	71.91	6.6	65.71	0	109	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	59.95	0	65.71	0	91.2	58.2	140	0	0		
Surr: Dibromofluoromethane	64.68	0	65.71	0	98.4	71.1	132	0	0		
Surr: Toluene-d8	65.71	0	65.71	0	100	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001544-008AMS** SampType: **MS** Batch ID: **123883** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: **HA-30 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385800**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	436400	44000	442600	0	98.6	60.6	160	0	0		
Trichloroethene	460200	44000	442600	0	104	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	385000	0	442600	0	87	58.2	140	0	0		
Surr: Dibromofluoromethane	417400	0	442600	0	94.3	71.1	132	0	0		
Surr: Toluene-d8	391300	0	442600	0	88.4	77.6	119	0	0		

Sample ID: **1001544-029AMS** SampType: **MS** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: **GP-5GR 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3125	260	2623	0	119	60.6	160	0	0		
Trichloroethene	2674	260	2623	0	102	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2655	0	2623	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2674	0	2623	0	102	71.1	132	0	0		
Surr: Toluene-d8	2594	0	2623	0	98.9	77.6	119	0	0		

Sample ID: **1001856-002AMS** SampType: **MS** Batch ID: **123911** Units: **ug/Kg-dry** Prep Date: **1/15/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3393215**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	28.92	6.0	60.41	0	47.9	60.6	160	0	0		S
Trichloroethene	10.38	6.0	60.41	0	17.2	70.3	147	0	0		S
Surr: 4-Bromofluorobenzene	42.66	0	60.41	0	70.6	58.2	140	0	0		
Surr: Dibromofluoromethane	63.61	0	60.41	0	105	71.1	132	0	0		
Surr: Toluene-d8	60.63	0	60.41	0	100	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001560-001AMSD** SampType: **MSD** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2915	280	2829	0	103	60.6	160	2996	2.74	30.9	
Trichloroethene	3191	280	2829	0	113	70.3	147	3193	0.0709	28	
Surr: 4-Bromofluorobenzene	2553	0	2829	0	90.2	58.2	140	2639	0	0	
Surr: Dibromofluoromethane	2651	0	2829	0	93.7	71.1	132	2577	0	0	
Surr: Toluene-d8	2587	0	2829	0	91.5	77.6	119	2559	0	0	

Sample ID: **1001560-002AMSD** SampType: **MSD** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.82	6.1	61.37	0	106	60.6	160	70.11	7.84	30.9	
Trichloroethene	63.51	6.1	61.37	0	103	70.3	147	67.96	6.78	28	
Surr: 4-Bromofluorobenzene	62.38	0	61.37	0	102	58.2	140	60.82	0	0	
Surr: Dibromofluoromethane	59.42	0	61.37	0	96.8	71.1	132	60.07	0	0	
Surr: Toluene-d8	61.09	0	61.37	0	99.5	77.6	119	60.26	0	0	

Sample ID: **1001318-001AMSD** SampType: **MSD** Batch ID: **123884** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385674**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	87.04	6.6	65.71	0	132	60.6	160	85.63	1.63	30.9	
Trichloroethene	71.26	6.6	65.71	0	108	70.3	147	71.91	0.918	28	
Surr: 4-Bromofluorobenzene	60.6	0	65.71	0	92.2	58.2	140	59.95	0	0	
Surr: Dibromofluoromethane	64.43	0	65.71	0	98.1	71.1	132	64.68	0	0	
Surr: Toluene-d8	63.96	0	65.71	0	97.3	77.6	119	65.71	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001544-008AMSD** SampType: **MSD** Batch ID: **123883** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: **HA-30 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385802**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	446600	44000	442600	0	101	60.6	160	436400	2.31	30.9	
Trichloroethene	464900	44000	442600	0	105	70.3	147	460200	1.01	28	
Surr: 4-Bromofluorobenzene	400700	0	442600	0	90.5	58.2	140	385000	0	0	
Surr: Dibromofluoromethane	410800	0	442600	0	92.8	71.1	132	417400	0	0	
Surr: Toluene-d8	393400	0	442600	0	88.9	77.6	119	391300	0	0	

Sample ID: **1001544-029AMSD** SampType: **MSD** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: **GP-5GR 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3003	260	2623	0	114	60.6	160	3125	3.99	30.9	
Trichloroethene	2608	260	2623	0	99.4	70.3	147	2674	2.50	28	
Surr: 4-Bromofluorobenzene	2652	0	2623	0	101	58.2	140	2655	0	0	
Surr: Dibromofluoromethane	2606	0	2623	0	99.4	71.1	132	2674	0	0	
Surr: Toluene-d8	2531	0	2623	0	96.5	77.6	119	2594	0	0	

Sample ID: **1001856-002AMSD** SampType: **MSD** Batch ID: **123911** Units: **ug/Kg-dry** Prep Date: **1/15/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3393217**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	12.64	6.1	61.01	0	20.7	60.6	160	28.92	78.3	30.9	SR
Trichloroethene	BRL	6.1	61.01	0	6.48	70.3	147	10.38	0	28	S
Surr: 4-Bromofluorobenzene	45.98	0	61.01	0	75.4	58.2	140	42.66	0	0	
Surr: Dibromofluoromethane	32.95	0	61.01	0	54	71.1	132	63.61	0	0	S
Surr: Toluene-d8	60.51	0	61.01	0	99.2	77.6	119	60.63	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123708** SampType: **MBLK** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380277**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	44.76	0	50	0	89.5	60.1	127	0	0		
Surr: Dibromofluoromethane	46.75	0	50	0	93.5	79.6	126	0	0		
Surr: Toluene-d8	44.35	0	50	0	88.7	78	116	0	0		

Sample ID: **LCS-123708** SampType: **LCS** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380274**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	51.11	5.0	50	0	102	61.4	146	0	0		
Trichloroethene	54.92	5.0	50	0	110	74.4	130	0	0		
Surr: 4-Bromofluorobenzene	45.76	0	50	0	91.5	60.1	127	0	0		
Surr: Dibromofluoromethane	47.67	0	50	0	95.3	79.6	126	0	0		
Surr: Toluene-d8	44.98	0	50	0	90	78	116	0	0		

Sample ID: **1001226-001AMS** SampType: **MS** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380289**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.49	5.0	50	0	97	48.8	172	0	0		
Trichloroethene	54.3	5.0	50	0	109	70.3	140	0	0		
Surr: 4-Bromofluorobenzene	45.79	0	50	0	91.6	60.1	127	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001226-001AMS** SampType: **MS** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380289**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	47.2	0	50	0	94.4	79.6	126	0	0		
Surr: Toluene-d8	44.41	0	50	0	88.8	78	116	0	0		

Sample ID: **1001226-001AMSD** SampType: **MSD** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3380291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.05	5.0	50	0	94.1	48.8	172	48.49	3.01	21.6	
Trichloroethene	54.22	5.0	50	0	108	70.3	140	54.3	0.147	20.3	
Surr: 4-Bromofluorobenzene	45.8	0	50	0	91.6	60.1	127	45.79	0	0	
Surr: Dibromofluoromethane	48.29	0	50	0	96.6	79.6	126	47.2	0	0	
Surr: Toluene-d8	45.45	0	50	0	90.9	78	116	44.41	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 12, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX: (770) 590-9164

RE: Williamson Dickie

Order No.: 1001560

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 5 samples on 1/11/2010 1:57:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 11 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

for April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

10 01 560 Work Order: ~~1001560~~ MJ 11/12/10

Date: 1/7/10 Page 5 of 5

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw

PHONE: 770-590-8383

FAX: 770-590-3164

SAMPLED BY: Rita Coylane

SIGNATURE: [signature]

ANALYSIS REQUESTED: SW846 8260 | TCLP Metals | TCLP VOC

PRESERVATION (See codes): S/M+I | H | I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	SW846 8260	TCLP Metals (H)	TCLP VOC (I)	REMARKS	No # of Containers
1	GP-100 7'	1/9/10	945	X		SO	X			* Only analyze	
2	AEM-HA6 7'	1/9/10	955	X		SO	X			1,1 Dichloroethene	
3	GP-5D 11'	1/9/10	1030	X		SO	X			Cis-1,2-Dichloroethene	
4	HA-23 7'	1/9/10	1043	X		SO	X			Trans-1,2-Dichloroethene	
5	GP-1A 7'	1/9/10	1125	X		SO	X			Tetrachloroethene	
6	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			Trichloroethene	
7	[illegible]									Vinyl Chloride	
8										1,4 Dioxane	
9											
10										Rush these	
11										5 samples	
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hedley	1/11/10 12:03
2: Kathleen Hedley	1/11/10 1:57	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100584
SITE ADDRESS: 2411 Sullivan Rd ATL
SEND REPORT TO: S. Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ⊗ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ERM Work Order Number 1001560

Checklist completed by Mfe 1/12/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.9° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-001

Client Sample ID: GP-100 7'
Collection Date: 1/9/2010 9:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	170		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
1,1-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
trans-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
cis-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Trichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Tetrachloroethene	8.4	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Surr: 4-Bromofluorobenzene	103	58.2-140		%REC	123774	1	1/12/2010 4:24 PM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123774	1	1/12/2010 4:24 PM
Surr: Toluene-d8	99.7	77.6-119		%REC	123774	1	1/12/2010 4:24 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	18.9	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-002

Client Sample ID: AEM-HA6 7'
Collection Date: 1/9/2010 9:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Trichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Tetrachloroethene	13	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Surr: 4-Bromofluorobenzene	101	58.2-140		%REC	123774	1	1/12/2010 4:50 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123774	1	1/12/2010 4:50 PM
Surr: Toluene-d8	101	77.6-119		%REC	123774	1	1/12/2010 4:50 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	18.5	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-003

Client Sample ID: GP-5D 11'
Collection Date: 1/9/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JE**
1,4-Dioxane	BRL	200		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
Vinyl chloride	BRL	13		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
1,1-Dichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
trans-1,2-Dichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
cis-1,2-Dichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
Trichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
Tetrachloroethene	620	370		ug/Kg-dry	123758	50	1/12/2010 3:33 PM
Surr: 4-Bromofluorobenzene	79.3	58.2-140		%REC	123774	1	1/12/2010 4:34 PM
Surr: 4-Bromofluorobenzene	86.9	58.2-140		%REC	123758	50	1/12/2010 3:33 PM
Surr: Dibromofluoromethane	93.4	71.1-132		%REC	123774	1	1/12/2010 4:34 PM
Surr: Dibromofluoromethane	90.6	71.1-132		%REC	123758	50	1/12/2010 3:33 PM
Surr: Toluene-d8	87.8	77.6-119		%REC	123774	1	1/12/2010 4:34 PM
Surr: Toluene-d8	88.6	77.6-119		%REC	123758	50	1/12/2010 3:33 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	28.2	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-004

Client Sample ID: HA-23 7'
Collection Date: 1/9/2010 10:43:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JE**
1,4-Dioxane	BRL	170		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
1,1-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
trans-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
cis-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Trichloroethene	15	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Tetrachloroethene	89	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Surr: 4-Bromofluorobenzene	78.4	58.2-140		%REC	123774	1	1/12/2010 5:27 PM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123774	1	1/12/2010 5:27 PM
Surr: Toluene-d8	95.4	77.6-119		%REC	123774	1	1/12/2010 5:27 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	19.9	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-005

Client Sample ID: GP-1A 7'
Collection Date: 1/9/2010 11:25:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JE**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Vinyl chloride	BRL	10		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Trichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Tetrachloroethene	9.4	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Surr: 4-Bromofluorobenzene	84.6	58.2-140		%REC	123774	1	1/12/2010 5:00 PM
Surr: Dibromofluoromethane	106	71.1-132		%REC	123774	1	1/12/2010 5:00 PM
Surr: Toluene-d8	95.5	77.6-119		%REC	123774	1	1/12/2010 5:00 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	18.0	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *14-Jan-10*

CLIENT: ERM-Southeast
Work Order: 1001560
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123758** SampType: **MBLK** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381100**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2234	0	2500	0	89.4	58.2	140	0	0		
Surr: Dibromofluoromethane	2342	0	2500	0	93.7	71.1	132	0	0		
Surr: Toluene-d8	2184	0	2500	0	87.4	77.6	119	0	0		

Sample ID: **MB-123774** SampType: **MBLK** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381479**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	49.16	0	50	0	98.3	58.2	140	0	0		
Surr: Dibromofluoromethane	50	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.61	0	50	0	99.2	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001560
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123758** SampType: **LCS** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2413	250	2500	0	96.5	66.1	158	0	0		
Trichloroethene	2731	250	2500	0	109	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2266	0	2500	0	90.6	58.2	140	0	0		
Surr: Dibromofluoromethane	2396	0	2500	0	95.8	71.1	132	0	0		
Surr: Toluene-d8	2274	0	2500	0	91	77.6	119	0	0		

Sample ID: **LCS-123774** SampType: **LCS** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.21	5.0	50	0	112	66.1	158	0	0		
Trichloroethene	55.87	5.0	50	0	112	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	50.41	0	50	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	50.17	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.91	0	50	0	99.8	77.6	119	0	0		

Sample ID: **1001560-001AMS** SampType: **MS** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: **GP-100 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381537**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2996	280	2829	0	106	60.6	160	0	0		
Trichloroethene	3193	280	2829	0	113	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2639	0	2829	0	93.3	58.2	140	0	0		
Surr: Dibromofluoromethane	2577	0	2829	0	91.1	71.1	132	0	0		
Surr: Toluene-d8	2559	0	2829	0	90.5	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001560
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001560-002AMS** SampType: **MS** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: **AEM-HA6 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383938**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	70.11	6.1	61.37	0	114	60.6	160	0	0		
Trichloroethene	67.96	6.1	61.37	0	111	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	60.82	0	61.37	0	99.1	58.2	140	0	0		
Surr: Dibromofluoromethane	60.07	0	61.37	0	97.9	71.1	132	0	0		
Surr: Toluene-d8	60.26	0	61.37	0	98.2	77.6	119	0	0		

Sample ID: **1001560-001AMSD** SampType: **MSD** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: **GP-100 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2915	280	2829	0	103	60.6	160	2996	2.74	30.9	
Trichloroethene	3191	280	2829	0	113	70.3	147	3193	0.0709	28	
Surr: 4-Bromofluorobenzene	2553	0	2829	0	90.2	58.2	140	2639	0	0	
Surr: Dibromofluoromethane	2651	0	2829	0	93.7	71.1	132	2577	0	0	
Surr: Toluene-d8	2587	0	2829	0	91.5	77.6	119	2559	0	0	

Sample ID: **1001560-002AMSD** SampType: **MSD** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: **AEM-HA6 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.82	6.1	61.37	0	106	60.6	160	70.11	7.84	30.9	
Trichloroethene	63.51	6.1	61.37	0	103	70.3	147	67.96	6.78	28	
Surr: 4-Bromofluorobenzene	62.38	0	61.37	0	102	58.2	140	60.82	0	0	
Surr: Dibromofluoromethane	59.42	0	61.37	0	96.8	71.1	132	60.07	0	0	
Surr: Toluene-d8	61.09	0	61.37	0	99.5	77.6	119	60.26	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 19, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX: (770) 590-9164

RE: Williamson Dickie

Order No.: 1001827

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 2 samples on 1/11/2010 1:57:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 11 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1001546~~ 1001827

Date: 1/7/10 Page 1 of 5

COMPANY: ERM

ADDRESS: 300 Chastain Center Blvd Suite 375 Kennesaw GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260 *, TCLP Metals, TCLP VOC

PRESERVATION (See codes): S/M+I, I, I

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260 *	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	~~[illegible]~~									* only analyze	
2	HA-32 3'	1/7/10	1000	X		SO	X			1,1 Dichloroethene	4
3	HA-32 5'		1010	X		SO	X			Cis-1,2-Dichloroethene	
4	GP-5E 3'		1020	X			X			Trans-1,2 Dichloroethe	
5	GP-AS-40 3'		1030	X			X			Tetrachloroethene	4
6	HA-31 3'		1105	X			X			Trichloroethene	4
7	HA-31 5'		1110	X			X			Vinyl Chloride	4
8	AEM-GP3 3'		1134	X			X			1,4-Dioxane	4
9	HA-30 3'		1150	X			X				4
10	HA-30 5'		1157	X			X	X	X		6
11	AEM-GP-4 1.5'		1240	X			X				4
12	HA-19 2.5'		1310	X			X				
13	~~[illegible]~~ GP-5H 3'		1320	X			X				
14	DUP-01		—	X			X				

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/7/10 1000	1: [signature]	1/7/10 12:02
2: Kathleen Hadley	1/7/10 1:58	2: [signature]	1/7/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: William Son Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Rd Atlanta GA
SEND REPORT TO: Shanna Thompson
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y/N; Fax? Y/N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1001544~~ 1001827

Date: 1/7/10 Page 2 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw, GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260* (S/M+I); TCLP Metals (7); TCLP VOC (I)

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-2C 1'	1/7/10	1340	X		SO	X			* see page 1	4
2	GP-2B 2'	1	1400	X		SO	X			for list of	4
3	AEM-HA6 4.5'	1/8/10	1130	X		SO	X			8260 analytes	4
4	GP-AS-39 3'	1/8/10	1154	X		SO	X				4
5	GP-100 4'	1/8/10	1200	X		SO	X				4
6	GP-AS-39 11'	1/9/10	935	X		SO	X	X	X		6
7	GP-100 10' *	1/9/10	950	X		SO	X			*HOLD	4
8	AEM-HA6 10' *	1/9/10	1000	X		SO	X			* HOLD	4
9	GP-5D 3'	1/9/10	1025	X		SO	X	X	X		
10	DUP-03	1/9/10	—	X		SO	X	X	X		
11	HA-23 3'	1/9/10	1040	X		SO	X				
12	HA-23 10' *	1/9/10	1045	X		SO	X			* HOLD	
13	GP-2A 3'	1/9/10	1058	X		SO	X				
14	GP-2A 10' *	1/9/10	1100	X		SO	X			* HOLD	

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: R Hoagland	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:02
2: Kathleen Hardley	1/11/10 1:58	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Road Atl, GA
SEND REPORT TO: Shanaca Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~100 1544~~ 1001527

Date: 1/7/10 Page 3 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260* (SW846); TCLP Metals (N); TCLP VOC (N)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-3A 5'	1/9/10	1110	X		SO	X			*See page 1 for list of analytes	4
2	GP-5GR 3'	1/9/10	1120	X		SO	X				4
3	GP-1A 10' *	1/9/10	1123	X		SO	X				4
4	~~[illegible]~~	~~1/9/10~~	~~1130~~	~~X~~		~~SO~~	~~X~~			* HOLD	~~4~~
5	~~[illegible]~~	~~1/9/10~~	~~1135~~	~~X~~		~~SO~~	~~X~~				
6	AA-19 5'	1/9/10	1150	X		SO	X				
7	DUP-04	1/9/10	—	X		SO	X				
8	GP-5H 3'	1/9/10	1155	X		SO	X				
9	GP-2B 5'	1/9/10	1206	X		SO	X				
10	GP-AS-23 5'	1/9/10	1215	X		SO	X				
11	~~[illegible]~~ DUP-02	1/9/10	—	X		SO	X				
12											
13											
14											

PRESERVATION (See codes): S/M+I; N; N

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:55
2: Kathleen Hardley	1/11/10 1:58	2: [signature]	1/11/10 1:52
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100566
SITE ADDRESS: 2411 Sullivan Rd, Atl, GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
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MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1001544~~ 1001827

Date: 1/7/10 Page 4 of

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA

PHONE: 770 590 8383

FAX: 770 590 9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260B, TCLP Metals, TCLP VOC

PRESERVATION (See codes): S/M+I, H, I

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260B	TCLP Metals	TCLP VOC	REMARKS
1	GP-101 3'	1/9/10	1230	X		SO	X			* See page 1 for list of analytes
2	GP-101 8'		1235				X			
3	GP-102 3'		1250				X			
4	GP-102 8'		1253				X			
5	GP-103 3'		1310				X			
6	GP-103 8'		1312				X			
7	GP-104 3'		1330				X			
8	GP-104 8'		1335				X	X	X	
9										
10										
11										
12										
13										
14										

No # of Containers

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:03
2: Kathleen Hardley	1/11/10 1:57	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100586
SITE ADDRESS: 2411 Sullivan Rd Atl
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ☒ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

1001827

~~1001544~~ BPR 1/14/10

Client EMM Work Order Number

Checklist completed by [signature] 1/11/10 [signature] 1/12/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present ✓

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present __

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4°C Cooler #2 3.5°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *19-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001827-001

Client Sample ID: GP-2A 10'
Collection Date: 1/9/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	170		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
Trichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
Tetrachloroethene	610	290		ug/Kg-dry	123898	50	1/15/2010 4:22 PM
Surr: 4-Bromofluorobenzene	88.9	58.2-140		%REC	123898	1	1/16/2010 8:13 AM
Surr: 4-Bromofluorobenzene	89.5	58.2-140		%REC	123898	50	1/15/2010 4:22 PM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123898	1	1/16/2010 8:13 AM
Surr: Dibromofluoromethane	89.0	71.1-132		%REC	123898	50	1/15/2010 4:22 PM
Surr: Toluene-d8	101	77.6-119		%REC	123898	1	1/16/2010 8:13 AM
Surr: Toluene-d8	89.9	77.6-119		%REC	123898	50	1/15/2010 4:22 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	21.5	0		wt%		1	1/15/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *19-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001827-002

Client Sample ID: HA-23 10'
Collection Date: 1/9/2010 10:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
1,1-Dichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
trans-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
cis-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Trichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Tetrachloroethene	39	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Surr: 4-Bromofluorobenzene	91.5	58.2-140		%REC	123997	1	1/18/2010 2:34 PM
Surr: Dibromofluoromethane	98.0	71.1-132		%REC	123997	1	1/18/2010 2:34 PM
Surr: Toluene-d8	99.8	77.6-119		%REC	123997	1	1/18/2010 2:34 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	26.6	0		wt%		1	1/15/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

CLIENT: ERM-Southeast
Work Order: 1001827
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123898** SampType: **MBLK** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2565	0	2500	0	103	58.2	140	0	0		
Surr: Dibromofluoromethane	2509	0	2500	0	100	71.1	132	0	0		
Surr: Toluene-d8	2488	0	2500	0	99.5	77.6	119	0	0		

Sample ID: **MB-123997** SampType: **MBLK** Batch ID: **123997** Units: **ug/Kg** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389036**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	43.25	0	50	0	86.5	58.2	140	0	0		
Surr: Dibromofluoromethane	48.79	0	50	0	97.6	71.1	132	0	0		
Surr: Toluene-d8	49.71	0	50	0	99.4	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001827
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123898** SampType: **LCS** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385758**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1966	250	2500	0	78.7	66.1	158	0	0		
Trichloroethene	2278	250	2500	0	91.1	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2510	0	2500	0	100	58.2	140	0	0		
Surr: Dibromofluoromethane	2524	0	2500	0	101	71.1	132	0	0		
Surr: Toluene-d8	2514	0	2500	0	101	77.6	119	0	0		

Sample ID: **LCS-123997** SampType: **LCS** Batch ID: **123997** Units: **ug/Kg** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389399**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	55.86	5.0	50	0	112	66.1	158	0	0		
Trichloroethene	53.71	5.0	50	0	107	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	48.09	0	50	0	96.2	58.2	140	0	0		
Surr: Dibromofluoromethane	50.87	0	50	0	102	71.1	132	0	0		
Surr: Toluene-d8	53.44	0	50	0	107	77.6	119	0	0		

Sample ID: **1001544-029AMS** SampType: **MS** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3125	260	2623	0	119	60.6	160	0	0		
Trichloroethene	2674	260	2623	0	102	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2655	0	2623	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2674	0	2623	0	102	71.1	132	0	0		
Surr: Toluene-d8	2594	0	2623	0	98.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001827
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001827-002AMS** SampType: **MS** Batch ID: **123997** Units: **ug/Kg-dry** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: **HA-23 10'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389938**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	69.98	6.8	68.15	0	103	60.6	160	0	0		
Trichloroethene	67.84	6.8	68.15	0	99.5	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	66.12	0	68.15	0	97	58.2	140	0	0		
Surr: Dibromofluoromethane	65.72	0	68.15	0	96.4	71.1	132	0	0		
Surr: Toluene-d8	67.69	0	68.15	0	99.3	77.6	119	0	0		

Sample ID: **1001544-029AMSD** SampType: **MSD** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3003	260	2623	0	114	60.6	160	3125	3.99	30.9	
Trichloroethene	2608	260	2623	0	99.4	70.3	147	2674	2.50	28	
Surr: 4-Bromofluorobenzene	2652	0	2623	0	101	58.2	140	2655	0	0	
Surr: Dibromofluoromethane	2606	0	2623	0	99.4	71.1	132	2674	0	0	
Surr: Toluene-d8	2531	0	2623	0	96.5	77.6	119	2594	0	0	

Sample ID: **1001827-002AMSD** SampType: **MSD** Batch ID: **123997** Units: **ug/Kg-dry** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: **HA-23 10'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	72.64	6.8	68.15	0	107	60.6	160	69.98	3.73	30.9	
Trichloroethene	69.54	6.8	68.15	0	102	70.3	147	67.84	2.48	28	
Surr: 4-Bromofluorobenzene	65.87	0	68.15	0	96.7	58.2	140	66.12	0	0	
Surr: Dibromofluoromethane	69.39	0	68.15	0	102	71.1	132	65.72	0	0	
Surr: Toluene-d8	68.26	0	68.15	0	100	77.6	119	67.69	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 20, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX (770) 590-9164

RE: Williamson Dickie

Order No.: 1001830

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 2 samples on 1/14/2010 1:46:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 9 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

For April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001030

Date: 1/13/10 Page 1 of 1

COMPANY: ERM

ADDRESS: 300 Chastain Center Blvd Suite 375 Kennesaw, GA

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260*

PRESERVATION (See codes): S/M+I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	S/M+I	REMARKS	No # of Containers
1	GP-102 8'	1/9/10	1253	X		SO	X	* 8260 - only analyze for 1,1 Dichloroethene Cis-1,2 Dichloroethene Trans-1,2 Dichloroethene Tetrachloroethene Trichloroethene Vinyl Chloride 1,4-Dioxane	4
2	GP-103 3'	1/9/10	1310	X		SO	X		4
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: R Hoagland	1/13/10 900	1:	1-14-10 12:17
2:	1-14-10 13:46	2:	1/14/10 13:46
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100566
SITE ADDRESS: 2411 Sullivan Rd Atl, GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 8

Turnaround Time Request
- ☒ Standard 5 Business Days
- ☐ 2 Business Day Rush
- ☐ Next Business Day Rush
- ☐ Same Day Rush (auth req.)
- ☐ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT. SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ERM Work Order Number 1001830

Checklist completed by mfere 1/14/10
Signature Date

Carrier name: FedEx __ UPS __ Courier ✓ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.9 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001830-001

Client Sample ID: GP-102 8'
Collection Date: 1/9/2010 12:53:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	170		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Vinyl chloride	BRL	11		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
1,1-Dichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
trans-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
cis-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Trichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Tetrachloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Surr: 4-Bromofluorobenzene	91.5	58.2-140		%REC	123972	1	1/16/2010 3:58 AM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123972	1	1/16/2010 3:58 AM
Surr: Toluene-d8	102	77.6-119		%REC	123972	1	1/16/2010 3:58 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	20.2	0		wt%		1	1/19/2010 7:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	GP-103 3'
Project:	Williamson Dickie	**Collection Date:**	1/9/2010 1:10:00 PM
Lab ID:	1001830-002	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	130		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
Vinyl chloride	BRL	8.6		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
Trichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
Tetrachloroethene	1800	210		ug/Kg-dry	123898	50	1/19/2010 2:34 AM
Surr: 4-Bromofluorobenzene	88.7	58.2-140		%REC	123898	50	1/19/2010 2:34 AM
Surr: 4-Bromofluorobenzene	86.2	58.2-140		%REC	123972	1	1/16/2010 4:24 AM
Surr: Dibromofluoromethane	88.2	71.1-132		%REC	123898	50	1/19/2010 2:34 AM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123972	1	1/16/2010 4:24 AM
Surr: Toluene-d8	88.7	77.6-119		%REC	123898	50	1/19/2010 2:34 AM
Surr: Toluene-d8	96.7	77.6-119		%REC	123972	1	1/16/2010 4:24 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.5	0		wt%		1	1/19/2010 7:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

20-Jan-10

Lab Order: 1001830
Client: ERM-Southeast
Project: Williamson Dickie

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001830-001A	GP-102 8'	1/9/2010 12:53:00 PM	Soil	Volatile Organic Compounds by GC/MS		1/16/2010	1/16/2010
1001830-001B				PERCENT MOISTURE			1/19/2010
1001830-002A	GP-103 3'	1/9/2010 1:10:00 PM		Volatile Organic Compounds by GC/MS		1/16/2010	1/16/2010
				Volatile Organic Compounds by GC/MS		1/14/2010	1/19/2010
1001830-002B				PERCENT MOISTURE			1/19/2010

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Work Order: 1001830
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123898** SampType: **MBLK** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2565	0	2500	0	103	58.2	140	0	0		
Surr: Dibromofluoromethane	2509	0	2500	0	100	71.1	132	0	0		
Surr: Toluene-d8	2488	0	2500	0	99.5	77.6	119	0	0		

Sample ID: **MB-123972** SampType: **MBLK** Batch ID: **123972** Units: **ug/Kg** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388509**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	41.66	0	50	0	83.3	58.2	140	0	0		
Surr: Dibromofluoromethane	49.86	0	50	0	99.7	71.1	132	0	0		
Surr: Toluene-d8	51.76	0	50	0	104	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001830
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123898** SampType: **LCS** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385758**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1966	250	2500	0	78.7	66.1	158	0	0		
Trichloroethene	2278	250	2500	0	91.1	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2510	0	2500	0	100	58.2	140	0	0		
Surr: Dibromofluoromethane	2524	0	2500	0	101	71.1	132	0	0		
Surr: Toluene-d8	2514	0	2500	0	101	77.6	119	0	0		

Sample ID: **LCS-123972** SampType: **LCS** Batch ID: **123972** Units: **ug/Kg** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388511**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	57.06	5.0	50	0	114	66.1	158	0	0		
Trichloroethene	54.39	5.0	50	0	109	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	49.48	0	50	0	99	58.2	140	0	0		
Surr: Dibromofluoromethane	53.15	0	50	0	106	71.1	132	0	0		
Surr: Toluene-d8	53.36	0	50	0	107	77.6	119	0	0		

Sample ID: **1001544-029AMS** SampType: **MS** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3125	260	2623	0	119	60.6	160	0	0		
Trichloroethene	2674	260	2623	0	102	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2655	0	2623	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2674	0	2623	0	102	71.1	132	0	0		
Surr: Toluene-d8	2594	0	2623	0	98.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001830
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001749-001AMS** SampType: **MS** Batch ID: **123972** Units: **ug/Kg-dry** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388512**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.08	6.5	64.53	0	102	60.6	160	0	0		
Trichloroethene	62.46	6.5	64.53	0	96.8	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	60.33	0	64.53	0	93.5	58.2	140	0	0		
Surr: Dibromofluoromethane	67.91	0	64.53	0	105	71.1	132	0	0		
Surr: Toluene-d8	67.92	0	64.53	0	105	77.6	119	0	0		

Sample ID: **1001544-029AMSD** SampType: **MSD** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3003	260	2623	0	114	60.6	160	3125	3.99	30.9	
Trichloroethene	2608	260	2623	0	99.4	70.3	147	2674	2.50	28	
Surr: 4-Bromofluorobenzene	2652	0	2623	0	101	58.2	140	2655	0	0	
Surr: Dibromofluoromethane	2606	0	2623	0	99.4	71.1	132	2674	0	0	
Surr: Toluene-d8	2531	0	2623	0	96.5	77.6	119	2594	0	0	

Sample ID: **1001749-001AMSD** SampType: **MSD** Batch ID: **123972** Units: **ug/Kg-dry** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388514**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	83.2	6.5	64.53	0	129	60.6	160	66.08	22.9	30.9	
Trichloroethene	72.43	6.5	64.53	0	112	70.3	147	62.46	14.8	28	
Surr: 4-Bromofluorobenzene	59.16	0	64.53	0	91.7	58.2	140	60.33	0	0	
Surr: Dibromofluoromethane	66.79	0	64.53	0	104	71.1	132	67.91	0	0	
Surr: Toluene-d8	66.15	0	64.53	0	103	77.6	119	67.92	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Appendix E

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-1	Pump Type/Model:	Peristaltic	Sample Collection Time:	1440
Total Depth (ft)[1]:	19.85	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.35	Pump Intake Depth (ft):	15	Sample ID:	MW-1-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1405/1435	QA/QC Collected?	NO
Well Volume (gal):	1.6	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	6	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1405	21.21	0.375	8.15	6.18	221.7	10.1	Start	10.35	
1410	21.12	0.380	9.86	6.17	222.2	10.4	1.0	11.00	
1415	21.18	0.384	9.71	6.11	222.7	7.4	2.0	11.05	
1420	21.24	0.387	9.29	6.09	223.2	5.7	3.0	11.04	
1425	21.42	0.387	8.76	6.08	224.3	7.1	4.0	11.05	
1430	21.4	0.386	8.59	6.05	225.2	6.3	5.0	11.07	
1435	21.38	0.384	8.61	6.06	235.0	5.3	6.0	11.06	
1440	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-2	Pump Type/Model:	Peristaltic	Sample Collection Time:	1105
Total Depth (ft)[1]:	26.52	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	9.58	Pump Intake Depth (ft):	20	Sample ID:	MW-2-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	1025/1100	QA/QC Collected?	NO
Well Volume (gal):	2.8	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1025	21.06	0.085	0.60	6.35	583.2	7.73	Start	9.58	
1030	21.1	0.085	0.53	6.30	575.2	5.35	1.00	10.89	
1035	21.04	0.082	0.58	6.27	562.3	5.21	2.00	10.89	
1040	21.08	0.081	0.61	6.19	537.1	3.42	3.00	10.91	
1045	21.09	0.078	0.97	6.16	514.9	1.93	4.00	10.88	
1050	21.02	0.077	0.70	6.14	513.1	0.95	5.00	10.89	
1055	20.97	0.075	0.74	6.12	510.3	1.07	6.00	10.87	
1100	20.89	0.075	0.73	6.12	505.6	1.21	7.00	10.88	
1105	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-4	Pump Type/Model:	Peristaltic	Sample Collection Time:	1525
Total Depth (ft)[1]:	18.45	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10	Pump Intake Depth (ft):	14	Sample ID:	MW-4-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1445/1520	QA/QC Collected?	NO
Well Volume (gal):	1.4	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1445	21.33	0.224	4.84	6.50	203.0	42.1	Start	10.00	
1450	21.34	0.223	4.64	6.46	204.4	26.8	1.00	10.44	
1455	21.36	0.223	4.76	6.55	198.3	9.82	2.00	10.48	
1500	22.35	0.223	4.59	6.61	187.3	7.57	3.00	10.47	
1505	21.98	0.221	4.65	6.61	187.4	5.34	4.00	10.47	
1510	21.54	0.218	4.74	6.56	189.2	4.13	5.00	10.48	
1515	21.47	0.216	4.71	6.54	189.1	7.71	6.00	10.47	
1520	21.44	0.216	4.68	6.54	189.3	6.54	7.0	10.49	
1525	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-8	Pump Type/Model:	Peristaltic	Sample Collection Time:	1015
Total Depth (ft)[1]:	49.1	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	9.83	Pump Intake Depth (ft):	30	Sample ID:	MW-8-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	935/1010	QA/QC Collected?	NO
Well Volume (gal):	6.4	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
935	20.8	0.594	14.32	6.68	654.0	NT	Start	9.83	Water is 'purple' with permangenate
940	20.79	0.598	8.43	6.48	679.6	28.6	1.00	10.26	Water is 'purple' with permangenate
945	20.88	0.603	8.07	6.42	690.2	29.7	2.00	10.29	Water is 'purple' with permangenate
950	20.86	0.604	7.76	6.40	693.7	25.3	3.00	10.29	Water is 'purple' with permangenate
955	20.81	0.609	7.94	6.37	699.6	23.0	4.00	10.29	Water is 'purple' with permangenate
1000	20.84	0.617	8.00	6.37	703.7	18.1	5.00	10.28	Water is 'purple' with permangenate
1005	20.89	0.620	7.60	6.37	704.6	21.7	6.00	10.28	Water is 'purple' with permangenate
1010	20.88	0.621	7.90	6.36	705.3	23.5	7.00	10.29	Water is 'purple' with permangenate
1015	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-9	Pump Type/Model:	Peristaltic	Sample Collection Time:	1125
Total Depth (ft)[1]:	14.85	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	13.35	Pump Intake Depth (ft):	14	Sample ID:	MW-9-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1050/1120	QA/QC Collected?	NO
Well Volume (gal):	0.2	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1050	20.89	0.152	3.22	4.52	260.2	2.0	Start	13.35	
1055	20.98	0.154	2.99	4.44	258.9	1.8	0.50	13.79	
1100	21.19	0.158	2.72	4.41	257.5	1.4	1.00	13.77	
1105	20.9	0.159	2.30	4.36	259.2	1.7	1.50	13.78	
1110	20.98	0.159	2.31	4.35	257.6	1.4	2.00	13.80	
1115	21.06	0.160	2.32	4.36	256.3	1.8	2.50	13.78	
1120	20.75	0.159	2.29	4.34	254.7	1.6	3.00	13.79	
1125	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-10	Pump Type/Model:	Peristaltic	Sample Collection Time:	1220
Total Depth (ft)[1]:	19.49	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	14.48	Pump Intake Depth (ft):	17	Sample ID:	MW-10-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1145/1215	QA/QC Collected?	NO
Well Volume (gal):	0.8	Purge Rate (L/min)[2]:	0.25	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1145	19.16	0.301	2.97	4.39	279.9	66.1	Start	14.48	
1150	18.63	0.330	1.27	4.32	281.0	55.7	1.25	14.98	
1155	18.7	0.313	1.37	4.25	266.5	24.3	2.50	15.05	
1200	18.75	0.308	1.19	4.24	269.0	5.16	3.75	15.05	
1205	18.78	0.300	1.21	4.25	269.2	1.23	5.00	15.06	
1210	18.8	0.295	1.25	4.25	269.2	0.91	6.25	15.05	
1215	18.79	0.297	1.28	4.26	268.3	1.03	7.50	15.06	
1220	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-10A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1315
Total Depth (ft)[1]:	53.82	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	12.68	Pump Intake Depth (ft):	45	Sample ID:	MW-10A-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	12258/1310	QA/QC Collected?	NO
Well Volume (gal):	6.7	Purge Rate (L/min)[2]:	0.25	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	11.25	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1225	18.18	0.121	11.10	5.89	243.5	8.15	Start	12.68	
12.3	18.37	0.119	10.63	6.13	239.8	7.41	1.25	14.35	
1235	18.41	0.119	10.10	6.35	229.2	5.63	2.50	14.37	
1240	18.3	0.118	10.22	6.52	217.8	4.11	3.75	14.41	
1245	18.42	0.118	10.12	6.77	199.6	3.51	5.00	14.69	
1250	18.37	0.119	10.29	6.75	176.6	1.37	6.25	14.71	
1255	18.38	0.119	10.08	6.88	154.9	2.31	7.50	14.70	
1300	18.37	0.119	10.07	6.89	148.1	1.07	8.75	14.68	
1305	18.41	0.119	10.06	6.89	143.7	1.32	10.00	14.7	
1310	18.46	0.119	10.07	6.89	142.9	0.91	11.25	14.69	
1315	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-12	Pump Type/Model:	Peristaltic	Sample Collection Time:	1400
Total Depth (ft)[1]:	17.06	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	13.18	Pump Intake Depth (ft):	20	Sample ID:	MW-12-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	1115/1125	QA/QC Collected?	NO
Well Volume (gal):	0.6	Purge Rate (L/min)[2]:	0.2/0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	2.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1115	NT	NT	NT	NT	NT	NT	Start	13.18	
1120	20.48	0.051	1.14	4.99	655.1	48.20	1.00	15.02	reduce flow to 0.1 L/min
1125	20.55	0.051	1.51	4.92	646.5	33.90	1.50	15.97	
1130	20.57	0.051	1.48	4.90	637.3	56.70	2.00	16.83	
1135	20.56	0.051	1.82	4.85	632.1	NT	2.50	17.06	DRY
1400	SAMPLE								sample after recharge
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-13	Pump Type/Model:	Peristaltic	Sample Collection Time:	1035
Total Depth (ft)[1]:	14.96	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.73	Pump Intake Depth (ft):	12	Sample ID:	MW-13-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	955/1030	QA/QC Collected?	NO
Well Volume (gal):	0.7	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
955	20.15	0.055	2.26	5.34	317.4	2.93	Start	10.73	
1000	20.53	0.051	2.37	4.94	322.1	1.88	1.0	10.99	
1005	20.99	0.049	2.54	4.62	333.2	0.09	2.0	11.01	
1010	20.93	0.049	2.54	4.50	340.1	1.22	3.0	11.28	
1015	20.92	0.049	2.48	4.48	340.5	0.83	4.0	11.26	
1020	20.94	0.049	2.50	4.47	342.2	1.04	5.0	11.27	
1025	20.99	0.049	2.47	4.46	342.7	0.77	6.0	11.28	
1030	20.96	0.049	2.48	4.48	343.3	1.19	7.0	11.27	
1035	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-13A	Pump Type/Model:	Peristaltic	Sample Collection Time:	950
Total Depth (ft)[1]:	71.74	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.78	Pump Intake Depth (ft):	35	Sample ID:	MW-13A-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	920/945	QA/QC Collected?	NO
Well Volume (gal):	10.0	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
920	19.45	0.163	6.19	7.43	160.8	2.41	Start	10.78	
925	19.43	0.162	5.36	7.35	179.4	1.57	1.00	12.34	
930	19.35	0.161	5.12	7.30	192.9	1.21	2.00	12.83	
935	19.2	0.160	5.08	7.29	200.1	0.94	3.00	12.83	
940	19.08	0.160	5.09	7.32	205.4	1.35	4.00	12.82	
945	19.03	0.160	5.04	7.33	207.5	1.01	5.00	12.83	
950	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-14	Pump Type/Model:	Peristaltic	Sample Collection Time:	1040
Total Depth (ft)[1]:	17.92	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	13.64	Pump Intake Depth (ft):	90	Sample ID:	MW-14-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1000/1035	QA/QC Collected?	NO
Well Volume (gal):	0.7	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1000							Start	13.64	
1005	20.32	0.027	3.94	7.02	124.5	18.7	0.5	13.72	
1010	20.05	0.024	2.80	5.15	198.7	4.9	1.0	13.74	
1015	20.12	0.022	2.56	4.92	205.4	3.5	1.5	13.70	
1020	20.17	0.022	2.39	4.66	229.8	2.1	2.0	13.70	
1025	20.13	0.022	2.40	4.65	234.6	1.9	2.5	13.71	
1030	20.22	0.022	2.25	4.60	236.6	1.8	3.0	13.70	
1035	20.14	0.021	2.23	4.60	238.1	2.0	3.5	13.72	
1040	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-18D	Pump Type/Model:	Peristaltic	Sample Collection Time:	1415
Total Depth (ft)[1]:	132	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	10.8	Pump Intake Depth (ft):	90	Sample ID:	MW-18D-20091022-01
Well Diameter (in):	6	Start/Stop Purge Time:	1325/1415	QA/QC Collected?	NO
Well Volume (gal):		Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1325	18.83	0.080	0.96	6.37	175.5	38.5	Start	10.80	
1330	18.88	0.080	1.45	6.45	231.0	42.2	0.5	11.29	
1335	18.92	0.079	1.14	6.43	225.5	38.9	1.0	11.64	
1340	19.5	0.075	0.99	6.49	201.9	29.7	1.5	11.71	
1345	19.52	0.064	1.56	6.45	198.0	21.9	2.0	11.76	
1350	19.63	0.064	1.07	6.37	195.0	36.7	2.5	12.01	
1355	19.48	0.063	0.99	6.39	194.3	32.2	3.0	11.97	
1400	19.31	0.062	0.69	6.31	195.6	19.0	3.5	12.02	
1405	19.3	0.060	0.66	6.32	193.9	10.5	4.0	12.01	
1410	19.3	0.059	0.64	6.31	191.6	8.7	4.5	12.03	
1415	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/30/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-19	Pump Type/Model:	Peristaltic	Sample Collection Time:	1350
Total Depth (ft)[1]:	75	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	21.66	Pump Intake Depth (ft):	70	Sample ID:	MW-19-20091030-01
Well Diameter (in):	2	Start/Stop Purge Time:	1300/1345	QA/QC Collected?	NO
Well Volume (gal):	8.7	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1300	19	0.046	6.98	6.01	186.3	8.8	Start	21.66	
1305	19.3	0.047	6.14	5.75	206.5	7.6	0.5	22.79	
1310	19.34	0.048	6.13	5.75	209.5	6.9	1.0	22.77	
1315	19.37	0.048	6.12	5.75	214.7	6.4	1.5	22.77	
1320	19.28	0.048	6.01	5.94	199.8	5.9	2.0	22.86	
1325	19.28	0.048	6.13	5.94	194.7	4.3	2.5	22.88	
1330	19.26	0.048	6.18	6.07	169.6	3.7	3.0	22.87	
1335	19.22	0.048	6.25	6.10	159.4	4.2	3.5	22.87	
1340	19.19	0.047	6.27	6.12	157.5	5.0	4.0	22.87	
1345	19.13	0.048	6.25	6.12	155.8	4.9	4.5	22.87	
1350	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/30/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-20	Pump Type/Model:	Peristaltic	Sample Collection Time:	1440
Total Depth (ft)[1]:	33	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	23.08	Pump Intake Depth (ft):	28	Sample ID:	MW-20-20091030-01
Well Diameter (in):	2	Start/Stop Purge Time:	1355/1435	QA/QC Collected?	YES
Well Volume (gal):	1.6	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	DUP-02-20091030-01
Well Condition:	Good	Total Purge Volume (L):	4.0	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1355	19.73	0.028	1.99	6.17	145.7	8.69	Start	23.08	
1400	19.68	0.029	1.46	5.63	150.2	7.70	0.5	23.35	
1405	19.67	0.037	1.02	5.56	135.4	4.72	1.0	23.19	
1410	19.64	0.039	0.71	5.34	121.3	3.56	1.5	23.19	
1415	19.6	0.044	0.62	5.30	116.4	2.03	2.0	23.19	
1420	19.56	0.048	0.60	5.22	115.3	1.95	2.5	23.19	
1425	19.49	0.051	0.59	5.23	114.9	1.23	3.0	23.19	
1430	19.55	0.051	0.54	5.20	114.4	0.85	3.5	23.19	
1435	19.53	0.052	0.55	5.20	114.8	0.76	4.0	23.19	
1440	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/30/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-25	Pump Type/Model:	Peristaltic	Sample Collection Time:	1535
Total Depth (ft)[1]:	34	Tubing Material:	¼ " LDPE	Sample Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	27.85	Pump Intake Depth (ft):	30	Sample ID:	MW-25-20091030-01
Well Diameter (in):	2	Start/Stop Purge Time:	1500/1535	QA/QC Collected?	Yes
Well Volume (gal):	1.0	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	DUP-03-20091030-01
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1500	20.4	0.066	2.99	5.24	185.2	3.55	Start	27.85	
1505	20.37	0.066	2.50	5.15	186.9	3.31	0.5	27.91	
1510	20.36	0.068	1.70	5.10	196.6	2.34	1	27.92	
1515	20.22	0.067	1.52	5.00	203.6	1.71	1.5	27.90	
1520	20.23	0.067	1.43	5.03	203.2	1.65	2	27.91	
1525	20.25	0.067	1.37	5.00	204.4	0.085	2.5	27.91	
1530	20.26	0.067	1.41	4.98	204.6	1.12	3	27.90	
1535	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-28R	Pump Type/Model:	Peristaltic	Sample Collection Time:	1100
Total Depth (ft)[1]:	33	Tubing Material:	¼ " LDPE	Sample Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	14.65	Pump Intake Depth (ft):	25	Sample ID:	MW-28R-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1010/1055	QA/QC Collected?	NO
Well Volume (gal):	3.0	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	5.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1010	20.74	0.65	2.08	-6.93	625.7	-	Start	15.64	Residual lactate in well.
1015	20.25	0.98	2.06	-7.03	655.3	98.7	1	15.85	
1020	20.13	1.109	2.03	-7.19	687	38.3	2	15.88	Water levels continue to fall. Reduce flow to 0.1 L/min.
1025	20.12	1.089	0.9	-7.34	685.6	46.3	2.5	15.74	
1030	19.93	1.141	0.33	-7.34	671.4	32.6	3	15.73	
1035	19.86	1.201	0.26	-7.22	668.9	31.2	3.5	15.72	
1040	19.78	1.232	0.24	-7.21	678.6	30.8	4	15.73	
1045	19.7	1.309	0.22	-7.71	693.7	34.2	4.5	15.74	
1050	19.67	1.427	0.21	-7.49	684	32.6	5	15.74	Looks like bacterial floc in water. Parameters will not stabilize. pH reads negative values.
1055	19.49	3.4	0.21	-6.84	658.2	37.8	5.5	15.73	
1100	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-29R	Pump Type/Model:	Peristaltic	Sample Collection Time:	1205
Total Depth (ft)[1]:	33.45	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.7	Pump Intake Depth (ft):	30	Sample ID:	MW-29R-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1125/1200	QA/QC Collected?	NO
Well Volume (gal):	3.7	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1125	19.99	0.045	1.33	5.13	61.5	3.68	Start	10.70	
1130	20.01	0.042	0.71	4.95	85.9	2.37	1.0	11.89	
1135	20.1	0.040	0.68	4.94	101.7	1.03	2.0	11.88	
1140	20.02	0.039	0.54	4.92	126.2	0.97	3.0	11.89	
1145	19.93	0.039	0.51	4.90	145.2	1.11	4.0	11.89	
1150	19.87	0.039	0.50	4.91	169.1	0.97	5.0	11.89	
1155	19.76	0.039	0.49	4.90	170.4	0.76	6.0	11.89	
1200	19.75	0.039	0.49	4.90	172.9	0.92	7.0	11.89	
1205	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-32	Pump Type/Model:	Peristaltic	Sample Collection Time:	1250
Total Depth (ft)[1]:	16.91	Tubing Material:	¼ " LDPE	Sample Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	15.91	Pump Intake Depth (ft):	16.5	Sample ID:	MW-32-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	1215/12/45	QA/QC Collected?	NO
Well Volume (gal):	0.2	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	6	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1215	19.62	0.085	2.36	4.59	334	60.8	Start	15.75	Looks like root growth at bottom of well.
1220	19.73	0.087	1.43	4.6	312.6	93	1	15.74	
1225	19.72	0.088	1.47	4.56	318.4	42.4	2	15.75	
1230	19.72	0.088	1.53	4.53	323.3	11.2	3	15.74	
1235	19.72	0.088	1.73	4.54	328.1	7.81	4	15.76	
1240	19.71	0.088	1.81	4.56	328.9	6.92	5	15.74	
1245	19.72	0.088	1.78	4.54	329.3	4.37	6	15.75	
1250	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-33	Pump Type/Model:	Peristaltic	Sample Collection Time:	1155
Total Depth (ft)[1]:	39.82	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	27.34	Pump Intake Depth (ft):	35	Sample ID:	MW-33-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	1110/1150	QA/QC Collected?	NO
Well Volume (gal):	2.0	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1110	17.78	0.024	9.78	5.44	292.0	1132	Start	27.34	Water very turbid
1115	16.75	0.030	7.20	5.50	306.5	192	0.5	27.05	
1120	17.47	0.034	5.46	4.74	334.0	67.5	1.0	27.15	
1125	17.42	0.034	5.28	4.75	335.2	43.3	1.5	27.21	
1130	17.27	0.033	5.38	4.66	340.8	24.1	2.0	27.18	
1135	17.21	0.032	5.32	4.62	343.6	14.4	2.5	27.19	
1140	17.14	0.031	5.52	4.60	345.3	10.2	3.0	27.20	
1145	17.08	0.031	5.46	4.59	347.5	7.63	3.5	27.19	
1150	17.11	0.031	5.49	4.60	347.8	6.31	4.0	27.18	
1155	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-34	Pump Type/Model:	Peristaltic	Sample Collection Time:	1500
Total Depth (ft)[1]:	39.7	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	12.23	Pump Intake Depth (ft):	35	Sample ID:	MW-34-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	1425/1455	QA/QC Collected?	NO
Well Volume (gal):	4.5	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	6	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1425	21.51	0.052	4.10	5.44	535.6	10.8	Start	12.23	
1430	21.97	0.053	2.30	5.22	540.1	9.52	1.00	12.29	
1435	22.03	0.053	1.73	5.13	532.5	8.47	2.00	12.30	
1440	21.96	0.053	1.72	5.08	532.9	7.51	3.00	12.28	
1445	21.9	0.052	1.65	5.09	537.0	5.73	4.00	12.29	
1450	21.69	0.052	1.59	5.06	534.1	3.29	5.00	12.29	
1455	21.53	0.052	1.58	5.07	532.4	1.65	6.00	12.28	
1500	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

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(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-35	Pump Type/Model:	Peristaltic	Sample Collection Time:	1100
Total Depth (ft)[1]:	34.96	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	20.79	Pump Intake Depth (ft):	35	Sample ID:	MW-35-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1105/1140	QA/QC Collected?	NO
Well Volume (gal):	2.3	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1105	20.9	0.041	0.96	4.83	216.4	18.40	Start	20.79	
1110	21.02	0.037	0.66	4.68	230.2	13.40	0.5	20.84	
1115	21.13	0.033	0.50	4.65	239.7	11.10	1.0	20.86	
1120	21.15	0.033	0.45	4.61	244.5	9.28	1.5	20.85	
1125	21.24	0.033	0.46	4.59	246.2	7.89	2.0	20.84	
1130	21.22	0.033	0.45	4.57	250.7	6.55	2.5	20.85	
1135	21.22	0.033	0.42	4.56	252.8	4.35	3.0	20.85	
1140	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-35A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1100
Total Depth (ft)[1]:	49.95	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	20.8	Pump Intake Depth (ft):	35	Sample ID:	MW-35A-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1010/1100	QA/QC Collected?	NO
Well Volume (gal):	4.8	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1010	20.94	0.066	6.57	6.86	163.4	6.99	Start	20.80	
1015	20.89	0.060	5.29	6.21	189.2	4.81	0.5	20.84	
1020	20.87	0.058	5.05	5.47	195.2	5.04	1.0	20.85	
1025	20.82	0.054	4.63	5.73	206.1	3.35	1.5	20.85	
1030	20.78	0.051	4.24	5.48	215.8	1.97	2.0	20.84	
1035	20.83	0.050	4.52	5.24	227.9	1.32	2.5	20.86	
1040	20.89	0.050	4.27	5.20	230.1	0.09	3.0	20.85	
1045	20.94	0.049	4.35	5.15	231.9	1.12	3.5	20.85	
1050	21.02	0.049	4.30	5.11	234.8	0.76	4.0	20.86	
1055	21.02	0.049	4.56	5.11	235.6	1.1	4.5	20.84	
1100	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-36	Pump Type/Model:	Peristaltic	Sample Collection Time:	1330
Total Depth (ft)[1]:	21.75	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	11.9	Pump Intake Depth (ft):	18	Sample ID:	MW-36-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1230/1325	QA/QC Collected?	NO
Well Volume (gal):	1.6	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	11	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1230	19.84	0.136	3.33	5.19	257.5	33.00	Start	11.25	
1235	-	-	-	-	-	25.5	1.0	11.19	Empty flow cell.
1240	20.54	0.129	3.04	5.20	250.7	7.39	2.0	11.18	
1245	21.76	0.120	2.75	5.18	242.3	5.36	3.0	11.19	
1250	20.75	0.110	2.66	5.12	240.9	3.25	4.0	11.19	
1255	20.46	0.094	1.41	4.85	249.9	1.71	5.0	11.18	
1300	20.28	0.086	1.29	4.72	257.5	2.12	6.0	11.19	
1305	20.26	0.084	1.22	4.70	257.7	0.98	7.0	11.18	
1310	20.28	0.074	0.95	4.62	255.3	0.76	8.0	11.19	
1315	20.26	0.074	0.90	4.60	256.2	1.0	9.0	11.19	
1320	20.23	0.073	0.87	4.59	256.9	0.65	10.0	11.19	
1325	20.220	0.073	0.840	4.590	256.200	1.130	11.0	11.19	
1330	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-37	Pump Type/Model:	Peristaltic	Sample Collection Time:	1405
Total Depth (ft)[1]:	34.87	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	10.64	Pump Intake Depth (ft):	30	Sample ID:	MW-37-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1335/1400	QA/QC Collected?	NO
Well Volume (gal):	4.0	Purge Rate (L/min)[2]:	0.2/0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1335	21.97	0.247	0.34	5.69	-78.2	9.81	Start	16.83	
1340	21.9	0.246	0.33	5.67	-77.2	6.72	1.0	16.83	Flow reduced to 0.1 L/min
1345	21.83	0.246	0.30	5.64	-75.9	4.37	1.5	16.84	
1350	21.85	0.246	0.29	5.65	-75.0	7.70	2.0	16.83	
1355	21.73	0.247	0.27	5.68	-80.0	5.23	2.5	16.83	
1400	21.71	0.247	0.26	5.67	-79.4	4.51	3.0	16.84	
1405	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-37A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1500
Total Depth (ft)[1]:	49.93	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	10.85	Pump Intake Depth (ft):	45	Sample ID:	MW-37A-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1410/1455	QA/QC Collected?	NO
Well Volume (gal):	6.4	Purge Rate (L/min)[2]:	0.2/0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1410	21.37	0.601	0.65	5.86	-100.1	7.52	Start	11.05	
1415	21.35	0.623	0.41	5.99	-100.2	3.26	1.0	11.21	Flow reduced to 0.1 L/min
1420	21.32	0.667	0.29	6.02	-100.5	1.95	1.5	11.21	
1425	21.23	0.709	0.28	6.02	-101.8	1.34	2.0	11.20	
1430	21..43	0.755	0.26	6.06	-99.6	0.94	2.5	11.21	
1435	21.68	0.782	0.28	6.08	-98.9	1.13	3.0	11.21	
1440	21.78	0.799	0.27	6.08	-100.5	0.74	3.5	11.21	
1445	21.61	0.821	0.26	6.09	-100.5	0.62	4.0	11.21	
1450	21.49	0.831	0.26	6.09	-102.3	0.85	4.5	11.21	
1455	21.54	0.833	0.27	6.08	-102.5	0.8	5.0	11.21	
1500	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-38	Pump Type/Model:	Peristaltic	Sample Collection Time:	1330
Total Depth (ft)[1]:	33.74	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	16.76	Pump Intake Depth (ft):	30	Sample ID:	MW-38-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1245/1325	QA/QC Collected?	YES
Well Volume (gal):	2.8	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	DUP-01-20091029-01
Well Condition:	Good	Total Purge Volume (L):	8	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1245	20.33	0.155	1.81	6.38	76.1	8.09	Start	16.83	
1250	20.31	0.056	3.38	6.00	110.6	7.65	1.0	16.83	
1255	20.2	0.020	3.56	5.00	121.2	5.37	2.0	16.84	
1300	20.14	0.017	3.72	4.68	172.2	9.87	3.0	16.83	
1305	20.13	0.017	3.34	4.72	176.2	7.53	4.0	16.83	
1310	20.36	0.017	3.33	4.68	190.7	8.44	5.0	16.84	
1315	20.04	0.017	3.26	4.51	206.4	6.32	6.0	16.84	
1320	20.11	0.017	3.24	4.53	208.6	4.79	7.0	16.83	
1325	20.17	0.017	3.23	4.54	213.7	5.37	8.0	16.83	
1330	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
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(5) - Stabilization criteria based on three most recent consecutive measurements.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-38A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1240
Total Depth (ft)[1]:	48.35	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	16.64	Pump Intake Depth (ft):	45	Sample ID:	MW-38A-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1150/1235	QA/QC Collected?	NO
Well Volume (gal):	5.2	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	9	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1150	20.46	0.288	0.66	6.27	-27.0	7.7	Start	16.90	
1155	20.54	0.286	0.34	6.45	-93.4	7.1	1.0	16.90	
1200	20.55	0.285	0.34	6.47	-96.6	6.6	2.0	16.91	
1205	20.51	0.281	0.28	6.49	-104.1	5.4	3.0	16.90	
1210	20.4	0.278	0.27	6.50	-107.2	5.0	4.0	16.90	
1215	20.4	0.274	0.28	6.50	-109.5	4.2	5.0	16.90	
1220	20.52	0.270	0.26	6.52	-111.7	3.9	6.0	16.90	
1225	20.31	0.264	0.25	6.48	-110.1	1.3	7.0	16.90	
1230	20.22	0.263	0.25	6.46	-108.1	1.0	8.0	16.90	
1235	20.13	0.263	0.23	6.45	-107.0	1.4	9.0	16.90	
1240	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

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(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
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ERM

GROUND WATER SAMPLING LOG SHEET

Client: Williamson Dickies
Site/Location: College Park, GA
Project No.: 0100586
Sampling Date: 1/27/2010
Sampler's Name: Don Dowling

Well ID: MW-38A
Total Depth (ft)[1]: 49.00
Depth to Water (ft): 15.02
Well Diameter (in): ~~4.00~~ 2"
Well Volume (gal):
Well Condition: good

Pump Type/Model: QED sample pro bladder
Tubing Material: teflon lined ldpe
Pump Intake Depth (ft): 47.00
Start/Stop Purge Time: 1205-
Purge Rate (L/min)[2]: 0.1 L/min
Total Purge Volume (L): 4.0

Sample Collection Time: 1246
Sample Purge Rate (L/min)[3]: 0.1L/min
Sample I.D.: MW-38A
QA/QC Collected? Yes
QA/QC I.D. DUP-01
Laboratory Analyses: Short list 8260B

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (g/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1210	16.58	1.039	5.63	6.04	19.3	205	0.5	15.15	low flow low vol
1215	16.65	1.257	4.15	6.24	20.7	210	1.0	15.15	cloudy grey water
1220	16.53	1.305	2.76	5.88	27.8	162	1.5	15.15	smell of lactate
1225	16.28	1.331	2.04	5.85	24.0	197	2.0	15.15	
1230	16.20	1.341	1.77	5.86	18.9	183	2.5	15.15	
1235	16.04	1.336	1.51	5.84	17.1	179	3.0	15.15	
1240	15.97	1.335	1.50	5.82	17.8	181	3.5	15.15	IW-3A is 52' away from MW-38A
1245	15.94	1.333	1.49	5.83	18.9	182	4.0	15.15	
1246									
Stabilizing Criteria[5]	+/- 1°C	+/- 3%	+/- 10%	+/- 0.1 unit	+/- 10 mV	+/- 10% or <10 NTUs	(see note below)[4]	(see note below)[6]	

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Appendix F

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASJ0858
October 31, 2009
Project: Williamson Dickies/GA
Project #:0100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Judy Wagner
Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-14-20091022-01	ASJ0858-01	Ground Water	10/22/09 10:40	10/23/09 15:35
MW-9-20091022-01	ASJ0858-02	Ground Water	10/22/09 11:25	10/23/09 15:35
Trip Blank	ASJ0858-03	Water	10/22/09 00:00	10/23/09 15:35
MW-10-20091022-01	ASJ0858-04	Ground Water	10/22/09 12:20	10/23/09 15:35
MW-10A-20091022-01	ASJ0858-05	Ground Water	10/22/09 13:15	10/23/09 15:35
MW-18D-20091022-01	ASJ0858-06	Ground Water	10/22/09 14:15	10/23/09 15:35
MW-1-20091022-01	ASJ0858-07	Ground Water	10/22/09 14:40	10/23/09 15:35
MW-4-20091022-01	ASJ0858-08	Ground Water	10/22/09 15:25	10/23/09 15:35
MW-8-20091023-01	ASJ0858-09	Ground Water	10/23/09 10:15	10/23/09 15:35
MW-2-20091023-01	ASJ0858-10	Ground Water	10/23/09 11:05	10/23/09 15:35
MW-12-20091023-01	ASJ0858-11	Ground Water	10/23/09 14:00	10/23/09 15:35
MW-34-20091023-01	ASJ0858-12	Ground Water	10/23/09 15:00	10/23/09 15:35

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-14-20091022-01
Date/Time Sampled: 10/22/2009 10:40:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-01
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
Tetrachloroethene	6.4	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:30	A910776	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	
Surrogate: Toluene-d8	*97 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-9-20091022-01
Date/Time Sampled: 10/22/2009 11:25:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-02
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: Toluene-d8	*95 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: Trip Blank
Date/Time Sampled: 10/22/2009 12:00:00AM
Matrix: Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-03
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 16:36	A910776	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: Dibromofluoromethane	*100 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	
Surrogate: Toluene-d8	*97 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	
Surrogate: Toluene-d8	*95 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-10-20091022-01
Date/Time Sampled: 10/22/2009 12:20:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-04
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
cis-1,2-Dichloroethene	47	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
Tetrachloroethene	2200	100	ug/L	EPA 8260B		50	10/28/09 11:45	10/28/09 12:49	A910801	SMH
Trichloroethene	71	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-10A-20091022-01
Date/Time Sampled: 10/22/2009 1:15:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-05
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
cis-1,2-Dichloroethene	170	10	ug/L	EPA 8260B		5	10/27/09 16:00	10/27/09 22:09	A910776	GN/
trans-1,2-Dichloroethene	3.6	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
Tetrachloroethene	1500	40	ug/L	EPA 8260B		20	10/28/09 12:00	10/28/09 12:50	A910776	GN/
Trichloroethene	74	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 17:52	A910776	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*97 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: Toluene-d8	*96 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-18D-20091022-01
Date/Time Sampled: 10/22/2009 2:15:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-06
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	40	ug/L	EPA 8260B		20	10/27/09 16:00	10/27/09 23:09	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
Tetrachloroethene	2.5	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:46	A910776	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-1-20091022-01
Date/Time Sampled: 10/22/2009 2:40:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-07
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
cis-1,2-Dichloroethene	400	200	ug/L	EPA 8260B		100	10/28/09 11:45	10/28/09 13:27	A910801	SMH
trans-1,2-Dichloroethene	4.8	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
Tetrachloroethene	14000	200	ug/L	EPA 8260B		100	10/28/09 11:45	10/28/09 13:27	A910801	SMH
Trichloroethene	120	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
Surrogate: Dibromofluoromethane	*107 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-4-20091022-01
Date/Time Sampled: 10/22/2009 3:25:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-08
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
cis-1,2-Dichloroethene	100	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
Tetrachloroethene	1100	40	ug/L	EPA 8260B		20	10/28/09 11:45	10/28/09 14:06	A910801	SMH
Trichloroethene	30	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-8-20091023-01
Date/Time Sampled: 10/23/2009 10:15:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-09
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	

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ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-2-20091023-01
Date/Time Sampled: 10/23/2009 11:05:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-10
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
cis-1,2-Dichloroethene	50	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
Tetrachloroethene	59	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
Trichloroethene	20	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 17:14	A910776	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: Toluene-d8	*97 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	
Surrogate: Toluene-d8	*95 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*105 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-12-20091023-01
Date/Time Sampled: 10/23/2009 2:00:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-11
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
cis-1,2-Dichloroethene	110	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
Tetrachloroethene	220	10	ug/L	EPA 8260B		5	10/28/09 11:45	10/28/09 15:21	A910801	SMH
Trichloroethene	23	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
Surrogate: Dibromofluoromethane	*107 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-34-20091023-01
Date/Time Sampled: 10/23/2009 3:00:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-12
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 12:00	10/28/09 13:31	A910776	GN/
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: Toluene-d8	*102 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	

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October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910776 - EPA 5030B										
Blank (A910776-BLK1)					Prepared & Analyzed: 10/27/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*87-123*			
Blank (A910776-BLK2)					Prepared & Analyzed: 10/27/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*53*		*ug/L*	*50.000*		*106*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*99*	*87-123*			
Blank (A910776-BLK3)					Prepared & Analyzed: 10/27/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*104*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			

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October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910776 - EPA 5030B										
Blank (A910776-BLK4)					Prepared & Analyzed: 10/28/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*102*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*101*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*99*	*87-123*			
LCS (A910776-BS1)					Prepared & Analyzed: 10/27/09					
Benzene	48		ug/L	50.000		95	80-119			
Chlorobenzene	47		ug/L	50.000		93	83-111			
1,1-Dichloroethene	56		ug/L	50.000		113	77-121			
Toluene	49		ug/L	50.000		97	78-113			
Trichloroethene	51		ug/L	50.000		102	82-122			
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*87-123*			
Matrix Spike (A910776-MS1)		**Source: ASJ0858-01**			Prepared & Analyzed: 10/27/09					
Benzene	49		ug/L	50.000	ND	97	82-123			
Chlorobenzene	49		ug/L	50.000	1.2	97	75-119			
1,1-Dichloroethene	59		ug/L	50.000	ND	117	79-119			
Toluene	50		ug/L	50.000	0.04	101	80-114			
Trichloroethene	53		ug/L	50.000	0.5	106	81-125			
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*102*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			

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October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910776 - EPA 5030B										
Matrix Spike Dup (A910776-MSD1)		**Source: ASJ0858-01**			Prepared & Analyzed: 10/27/09					
Benzene	47		ug/L	50.000	ND	93	82-123	4	9	
Chlorobenzene	49		ug/L	50.000	1.2	95	75-119	1	13	
1,1-Dichloroethene	56		ug/L	50.000	ND	112	79-119	4	9	
Toluene	49		ug/L	50.000	0.04	97	80-114	3	9	
Trichloroethene	52		ug/L	50.000	0.5	102	81-125	3	11	
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			
Batch A910801 - EPA 5030B										
Blank (A910801-BLK1)					Prepared & Analyzed: 10/28/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*105*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*101*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
LCS (A910801-BS1)					Prepared & Analyzed: 10/28/09					
Benzene	52		ug/L	50.000		103	80-119			
Chlorobenzene	46		ug/L	50.000		93	83-111			
1,1-Dichloroethene	59		ug/L	50.000		118	77-121			
Toluene	47		ug/L	50.000		94	78-113			
Trichloroethene	54		ug/L	50.000		108	82-122			
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*104*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			

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October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910801 - EPA 5030B										
Matrix Spike (A910801-MS1)	**Source: ASJ0858-11RE1**			Prepared & Analyzed: 10/28/09						
Benzene	51		ug/L	50.000	0.02	102	82-123			
Chlorobenzene	46		ug/L	50.000	ND	92	75-119			
1,1-Dichloroethene	57		ug/L	50.000	0.3	113	79-119			
Toluene	46		ug/L	50.000	0.1	92	80-114			
Trichloroethene	76		ug/L	50.000	23	107	81-125			
Surrogate: Dibromofluoromethane	*53*		*ug/L*	*50.000*		*106*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-125*			
Surrogate: Toluene-d8	*46*		*ug/L*	*50.000*		*92*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
Matrix Spike Dup (A910801-MSD1)	**Source: ASJ0858-11RE1**			Prepared & Analyzed: 10/28/09						
Benzene	54		ug/L	50.000	0.02	108	82-123	6	9	
Chlorobenzene	49		ug/L	50.000	ND	98	75-119	6	13	
1,1-Dichloroethene	60		ug/L	50.000	0.3	119	79-119	5	9	
Toluene	49		ug/L	50.000	0.1	98	80-114	6	9	
Trichloroethene	78		ug/L	50.000	23	111	81-125	3	11	
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*105*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*93*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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Attention: Ms. Shanna Thompson

October 31, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

Note: Unless otherwise noted, all results are reported on an as received basis.

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

167027

CHAIN OF CUSTODY RECORD

ASI **ANALYTICAL SERVICES, INC.**
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Center Blvd, Suite 375 Kennesaw GA 30144 770 590 8383 (P) / 770 590 9164 (F)

REPORT TO: S. Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson Dickies / GA

PROJECT #: 0100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260B*									LAB ID NUMBER
10/22/09	1040	GW		✓	MW-14-20091022-01	3	3									1
10/22/09	1125	GW		✓	MW-9-20091022-01	3	3									2
10/22/09	–	W		✓	Trip Blank	3	3									3
10/22/09	1220	GW		✓	MW-10-20091022-01	3	3									4
10/22/09	1315	GW		✓	MW-10A-20091022-01	3	3									5
10/22/09	1415	GW		✓	MW-18D-20091022-01	3	3									6
10/22/09	1440	GW		✓	MW-1-20091022-01	3	3									7
10/22/09	1525	GW		✓	MW-4-20091022-01	3	3									8
10/23/09	1015	GW		✓	MW-8-20091023-01	3	3									9
10/23/09	1105	GW		✓	MW-2-20091023-01	3	3									10
10/23/09	1400	GW		✓	MW-12-20091023-01	3	3									11
10/23/09	1500	GW		✓	MW-34-20091023-01	3	3									12

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S2O3, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION

* Use Williamson Dickies short analyte list for all samples

Contact Shanna Thompson if any questions.

MW-8 has residual permanganate in sample

SAMPLED BY AND TITLE: Richard Hoagland

DATE/TIME: 10/23/09 1505

RELINQUISHED BY: [signature]

DATE/TIME: 10/23/09 1535

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY LAB: [signature]

DATE/TIME: 10/23/09 1535

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved

Ice: Yes or No

Temperature: 2C

Custody Seal: Intact Broken Missing

Cooler #

FOR LAB USE ONLY

LAB #: ASI 0858

In-house location: V

Entered Into LIMS: [signature]

Please use Black Ink to complete form.

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 10/31/2009 2:55:41PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 10/23/09 15:35

Work Order: ASJ0858
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 12 **#Containers:** 36

Minimum Temp(C): 2.0 **Maximum Temp(C):** 2.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

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110 Technology Parkway, Norcross, GA 30092
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Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASJ1121
November 09, 2009
Project: Williamson Dickies/GA
Project #:0100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-13A-20091027-01	ASJ1121-01	Ground Water	10/27/09 09:50	10/30/09 16:40
MW-13-20091027-01	ASJ1121-02	Ground Water	10/27/09 10:35	10/30/09 16:40
Trip Blank	ASJ1121-03	Water	10/27/09 00:00	10/30/09 16:40
MW-33-20091027-01	ASJ1121-04	Ground Water	10/27/09 11:55	10/30/09 16:40
MW-32-20091027-01	ASJ1121-05	Ground Water	10/27/09 12:50	10/30/09 16:40
MW-28R-20091028-01	ASJ1121-06	Ground Water	10/28/09 11:00	10/30/09 16:40
MW-29R-20091028-01	ASJ1121-07	Ground Water	10/28/09 12:05	10/30/09 16:40
MW-36-20091028-01	ASJ1121-08	Ground Water	10/28/09 13:30	10/30/09 16:40
MW-37-20091028-01	ASJ1121-09	Ground Water	10/28/09 14:05	10/30/09 16:40
MW-37A-20091028-01	ASJ1121-10	Ground Water	10/28/09 15:00	10/30/09 16:40
MW-35A-20091029-01	ASJ1121-11	Ground Water	10/29/09 11:00	10/30/09 16:40
MW-35-20091029-01	ASJ1121-12	Ground Water	10/29/09 11:40	10/30/09 16:40
MW-38A-20091029-01	ASJ1121-13	Ground Water	10/29/09 12:40	10/30/09 16:40
MW-38-20091029-01	ASJ1121-14	Ground Water	10/29/09 13:30	10/30/09 16:40
Dup-01-20091029-01	ASJ1121-15	Ground Water	10/29/09 00:00	10/30/09 16:40
Dup-02-20091030-01	ASJ1121-16	Ground Water	10/30/09 00:00	10/30/09 16:40
Dup-03-20091030-01	ASJ1121-17	Ground Water	10/30/09 00:00	10/30/09 16:40
MW-19-20091030-01	ASJ1121-18	Ground Water	10/30/09 13:50	10/30/09 16:40
MW-20-20091030-01	ASJ1121-19	Ground Water	10/30/09 14:40	10/30/09 16:40
MW-25-20091030-01	ASJ1121-20	Ground Water	10/30/09 15:35	10/30/09 16:40

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-13A-20091027-01
Date/Time Sampled: 10/27/2009 9:50:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-01
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Tetrachloroethene	14	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-13-20091027-01
Date/Time Sampled: 10/27/2009 10:35:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-02
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Tetrachloroethene	89	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: Trip Blank
Date/Time Sampled: 10/27/2009 12:00:00AM
Matrix: Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-03
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-33-20091027-01
Date/Time Sampled: 10/27/2009 11:55:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-04
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Tetrachloroethene	2.9	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	

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300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-32-20091027-01
Date/Time Sampled: 10/27/2009 12:50:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-05
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-28R-20091028-01
Date/Time Sampled: 10/28/2009 11:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-06
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
cis-1,2-Dichloroethene	11	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	

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Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-29R-20091028-01
Date/Time Sampled: 10/28/2009 12:05:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-07
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-36-20091028-01
Date/Time Sampled: 10/28/2009 1:30:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-08
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-37-20091028-01
Date/Time Sampled: 10/28/2009 2:05:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-09
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
cis-1,2-Dichloroethene	3.3	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-37A-20091028-01
Date/Time Sampled: 10/28/2009 3:00:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-10
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-35A-20091029-01
Date/Time Sampled: 10/29/2009 11:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-11
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-35-20091029-01
Date/Time Sampled: 10/29/2009 11:40:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-12
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-38A-20091029-01
Date/Time Sampled: 10/29/2009 12:40:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-13
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	3.8	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
cis-1,2-Dichloroethene	990	100	ug/L	EPA 8260B		50	11/03/09 12:20	11/03/09 15:16	A911076	SMH
trans-1,2-Dichloroethene	8.0	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Vinyl Chloride	4.9	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*97 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-38-20091029-01
Date/Time Sampled: 10/29/2009 1:30:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-14
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
cis-1,2-Dichloroethene	3.4	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Tetrachloroethene	19	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Trichloroethene	3.0	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: Dup-01-20091029-01
Date/Time Sampled: 10/29/2009 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-15
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
cis-1,2-Dichloroethene	3.5	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Tetrachloroethene	20	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Trichloroethene	3.2	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Surrogate: Dibromofluoromethane	*100 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	

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Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: Dup-02-20091030-01
Date/Time Sampled: 10/30/2009 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-16
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
cis-1,2-Dichloroethene	86	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: Dup-03-20091030-01
Date/Time Sampled: 10/30/2009 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-17
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
cis-1,2-Dichloroethene	13	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Tetrachloroethene	55	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Trichloroethene	4.8	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-19-20091030-01
Date/Time Sampled: 10/30/2009 1:50:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-18
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-20-20091030-01
Date/Time Sampled: 10/30/2009 2:40:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-19
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
cis-1,2-Dichloroethene	89	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-25-20091030-01
Date/Time Sampled: 10/30/2009 3:35:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-20
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
cis-1,2-Dichloroethene	13	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Tetrachloroethene	51	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Trichloroethene	4.6	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*97 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	

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November 09, 2009

Report No.: ASJ1121

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A911076 - EPA 5030B										
Blank (A911076-BLK1)					Prepared & Analyzed: 11/03/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
LCS (A911076-BS1)					Prepared & Analyzed: 11/03/09					
Benzene	47		ug/L	50.000		94	80-119			
Chlorobenzene	51		ug/L	50.000		101	83-111			
1,1-Dichloroethene	55		ug/L	50.000		109	77-121			
Toluene	47		ug/L	50.000		94	78-113			
Trichloroethene	52		ug/L	50.000		104	82-122			
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			
Matrix Spike (A911076-MS1)		**Source: ASJ1121-20**			Prepared & Analyzed: 11/03/09					
Benzene	43		ug/L	50.000	0.03	86	82-123			
Chlorobenzene	45		ug/L	50.000	ND	90	75-119			
1,1-Dichloroethene	47		ug/L	50.000	ND	94	79-119			
Toluene	42		ug/L	50.000	0.1	85	80-114			
Trichloroethene	50		ug/L	50.000	4.6	92	81-125			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*87-123*			

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November 09, 2009

Report No.: ASJ1121

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A911076 - EPA 5030B										
Matrix Spike Dup (A911076-MSD1)		**Source: ASJ1121-20**			Prepared & Analyzed: 11/03/09					
Benzene	47		ug/L	50.000	0.03	94	82-123	10	9	QR-02
Chlorobenzene	49		ug/L	50.000	ND	99	75-119	9	13	
1,1-Dichloroethene	53		ug/L	50.000	ND	105	79-119	11	9	QR-02
Toluene	47		ug/L	50.000	0.1	94	80-114	10	9	QR-02
Trichloroethene	55		ug/L	50.000	4.6	101	81-125	9	11	
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*87-123*			
Batch A911078 - EPA 5030B										
Blank (A911078-BLK1)					Prepared & Analyzed: 11/03/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*102*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
LCS (A911078-BS1)					Prepared & Analyzed: 11/03/09					
Benzene	48		ug/L	50.000		97	80-119			
Chlorobenzene	49		ug/L	50.000		98	83-111			
1,1-Dichloroethene	55		ug/L	50.000		109	77-121			
Toluene	45		ug/L	50.000		90	78-113			
Trichloroethene	53		ug/L	50.000		106	82-122			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			

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November 09, 2009

Report No.: ASJ1121

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A911078 - EPA 5030B										
Matrix Spike (A911078-MS1)	**Source: ASJ1121-01**				Prepared & Analyzed: 11/03/09					
Benzene	47		ug/L	50.000	0.01	94	82-123			
Chlorobenzene	47		ug/L	50.000	0.04	94	75-119			
1,1-Dichloroethene	50		ug/L	50.000	ND	99	79-119			
Toluene	44		ug/L	50.000	0.05	88	80-114			
Trichloroethene	50		ug/L	50.000	ND	100	81-125			
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*103*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*101*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*87-123*			
Matrix Spike Dup (A911078-MSD1)	**Source: ASJ1121-01**				Prepared & Analyzed: 11/03/09					
Benzene	46		ug/L	50.000	0.01	92	82-123	3	9	
Chlorobenzene	46		ug/L	50.000	0.04	93	75-119	2	13	
1,1-Dichloroethene	49		ug/L	50.000	ND	98	79-119	2	9	
Toluene	43		ug/L	50.000	0.05	86	80-114	2	9	
Trichloroethene	49		ug/L	50.000	ND	99	81-125	2	11	
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*104*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*87-123*			

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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November 09, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries.

Note: Unless otherwise noted, all results are reported on an as received basis.

ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

167026

ASI **ANALYTICAL SERVICES, INC.**
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

CHAIN OF CUSTODY RECORD

PAGE: 1 OF 2

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:
300 Chastain Center Blvd, Suite 375
Kennesaw, GA 30144 770 590 6363 (P) 770 590 9164 (F)

REPORT TO: S. Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson Dickies / GA

PROJECT #: 0100586

ANALYSIS REQUESTED: CONTAINER TYPE: V; PRESERVATION: Z

LAB ID NUMBER	DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260 B+
1	10/27/09	950	GW		X	MW-13A-20091027-01	3	3
2	10/27/09	1035	GW		X	MW-13-20091027-01	3	3
3	–	–	W		X	Trip Blank	3	3
4	10/27/09	1155	GW		X	MW-33-20091027-01	3	3
5	10/27/09	1250	GW		X	MW-32-20091027-01	3	3
6	10/28/09	1100	GW		X	MW-28R-20091028-01	2	2
7	10/28/09	1205	GW		X	MW-29R-20091028-01	2	2
8	10/28/09	1330	GW		X	MW-36-20091028-01	2	2
9	10/28/09	1405	GW		X	MW-37-20091028-01	2	2
10	10/28/09	1500	GW		X	MW-37A-20091028-01	2	2
11	10/29/09	1100	GW		X	MW-35A-20091029-01	2	2
12	10/29/09	1140	GW		X	MW-35-20091029-01	2	2

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION
Use Williamson Dickies short analyte list for all samples.
Contact Shanna Thompson if any questions.

SAMPLED BY AND TITLE: R Hoadland — DATE/TIME: 10/30/09 1600
RECEIVED BY: — DATE/TIME:
RECEIVED BY LAB: Charles Henk — DATE/TIME: 10/30/09 1640
pH: — Labeled Preserved — Ice: Yes or No

RELINQUISHED BY: R Hoadland — DATE/TIME: 10/30/09 1640
RELINQUISHED BY: — DATE/TIME:
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 2°C — Custody Seal: Intact Broken Missing — Cooler #

FOR LAB USE ONLY
LAB #: ASJ1121
In-house location: V
Entered Into LIMS: MR

Please use Black Ink to complete form

November 09, 2009

ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

166439

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 2 OF 2

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Center Blvd, Suite 375 Kennesaw, GA 30144 770-590-8383(P) 770-590-9164 (F)

REPORT TO: S. Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson Dickies / GA

PROJECT #: 0100586

ANALYSIS REQUESTED: 8260B*

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260B*	LAB ID NUMBER	REMARKS/ADDITIONAL INFORMATION
10/29/09	1240	GW		X	MW-38A-20091029-01	2	2	13	* Use Williamson
10/29/09	1330	GW		X	MW-38-20091029-01	2	2	14	Dickies short analyte
10/29/09	—	GW		X	DUP-01-20091029-01	1	1	15	list for all samples
10/30/09	—	GW		X	DUP-02-20091030-01	2	2	16	
10/30/09	—	GW		X	DUP-03-20091030-01	2	2	17	DUP-01-20091029-01 has
10/30/09	1350	GW		X	MW-19-20091030-01	2	2	18	1 VOA (2nd VOA broke)
10/30/09	1440	GW		X	MW-20-20091030-01	2	2	19	
10/30/09	1535	GW		X	MW-25-20091030-01	2	2	20	

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

SAMPLED BY AND TITLE: R. Hoagland — DATE/TIME: 10/30/09 1600 — RELINQUISHED BY: [signature] — DATE/TIME: 10/30/09 1640

RECEIVED BY: — DATE/TIME: — RELINQUISHED BY: — DATE/TIME:

RECEIVED BY LAB: Charles Hunt — DATE/TIME: 10/30/09 1640

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved Ice: Yes or No Temperature: 2C Custody Seal: Intact Broken Missing Cooler #

FOR LAB USE ONLY
LAB #: ASJ1121
In-house location: V
Entered Into LIMS: MR

Please use Black Ink to complete form

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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 11/09/2009 4:03:28PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 10/30/09 16:40

Work Order: ASJ1121
Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 20 **#Containers:** 44

Minimum Temp(C): 2.0 **Maximum Temp(C):** 2.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

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Environmental Monitoring & Laboratory Analysis
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(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ATA0703
January 29, 2010
Project: Williamson Dickies/GA
Project #:100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hartbrook

Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trip Blank	ATA0703-01	Water	01/27/10 00:00	01/27/10 15:55
Duplicate-01	ATA0703-02	Ground Water	01/27/10 00:00	01/27/10 15:55
MW-38A	ATA0703-03	Ground Water	01/27/10 12:46	01/27/10 15:55

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(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703
Client ID: Trip Blank
Date/Time Sampled: 1/27/2010 12:00:00AM
Matrix: Water

Project: Williamson Dickies/GA
Lab Number ID: ATA0703-01
Date/Time Received: 1/27/2010 3:55:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Surrogate: Dibromofluoromethane	*96 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*94 %*	*77-116*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	
Surrogate: Toluene-d8	*95 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703
Client ID: Duplicate-01
Date/Time Sampled: 1/27/2010 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ATA0703-02
Date/Time Received: 1/27/2010 3:55:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	40	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
cis-1,2-Dichloroethene	9200	200	ug/L	EPA 8260B	B	100	1/28/10 12:00	1/28/10 13:45	0010654	CJH
trans-1,2-Dichloroethene	31	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Vinyl Chloride	29	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Surrogate: Dibromofluoromethane	*94 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: Dibromofluoromethane	*99 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*77-116*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*77-116*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: Toluene-d8	*95 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: Toluene-d8	*97 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703
Client ID: MW-38A
Date/Time Sampled: 1/27/2010 12:46:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ATA0703-03
Date/Time Received: 1/27/2010 3:55:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	39	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
cis-1,2-Dichloroethene	8500	200	ug/L	EPA 8260B	B	100	1/28/10 12:00	1/28/10 14:24	0010654	CJH
trans-1,2-Dichloroethene	31	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Vinyl Chloride	29	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Surrogate: Dibromofluoromethane	*99 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	
Surrogate: Dibromofluoromethane	*94 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*77-116*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*77-116*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: Toluene-d8	*94 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: Toluene-d8	*98 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 0010654 - EPA 5030B										
Blank (0010654-BLK1)					Prepared & Analyzed: 01/28/10					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	2.3	2.0	ug/L							B
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*95*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*47*		*ug/L*	*50.000*		*94*	*77-116*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Blank (0010654-BLK2)					Prepared & Analyzed: 01/28/10					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*77-116*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*100*	*80-120*			
LCS (0010654-BS1)					Prepared & Analyzed: 01/28/10					
Benzene	56		ug/L	50.000		112	80-119			
Chlorobenzene	51		ug/L	50.000		102	83-111			
1,1-Dichloroethene	58		ug/L	50.000		117	77-121			
Toluene	54		ug/L	50.000		109	78-113			
Trichloroethene	57		ug/L	50.000		113	82-122			
Surrogate: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*95*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*77-116*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*80-120*			

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 0010654 - EPA 5030B										
Matrix Spike (0010654-MS1)		**Source: ATA0724-01**			Prepared & Analyzed: 01/28/10					
Benzene	140		ug/L	50.000	95	87	82-123			
Chlorobenzene	40		ug/L	50.000	ND	81	75-119			
1,1-Dichloroethene	48		ug/L	50.000	0.08	95	79-119			
Toluene	100		ug/L	50.000	0.6	204	80-114			QM-07
Trichloroethene	110		ug/L	50.000	ND	216	81-125			QM-07
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*77-116*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*58*		*ug/L*	*50.000*		*117*	*80-120*			
Matrix Spike Dup (0010654-MSD1)		**Source: ATA0724-01**			Prepared & Analyzed: 01/28/10					
Benzene	140		ug/L	50.000	95	86	82-123	0.4	9	
Chlorobenzene	42		ug/L	50.000	ND	83	75-119	3	13	
1,1-Dichloroethene	49		ug/L	50.000	0.08	97	79-119	2	9	
Toluene	110		ug/L	50.000	0.6	213	80-114	4	9	QM-07
Trichloroethene	110		ug/L	50.000	ND	223	81-125	3	11	QM-07
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*101*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*99*	*77-116*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*62*		*ug/L*	*50.000*		*125*	*80-120*			*S-04*

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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Attention: Ms. Shanna Thompson

January 29, 2010

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

S-04 The surrogate recovery for this sample is outside of established control limits due to a suspected sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

B Analyte was detected in the associated method blank at level equal to or greater than the reporting limit. Sample values reported as greater than the reporting limit and less than 10x the method blank value are reported as estimated values.

B Analyte was detected in the associated method blank at level equal to or greater than the reporting limit. Sample values reported as greater than the reporting limit and less than 10x the method blank value are reported as estimated values.

Note: Unless otherwise noted, all results are reported on an as received basis.

ASI

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

173191

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: ERM
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: ERM 300 Chastain Center Blvd Ste 375 Kennesaw, GA 30144
REPORT TO: Shanna Thompson
CC:
REQUESTED COMPLETION DATE: ASAP need last turnaround
PO #:
PROJECT NAME/STATE: Williamson Dickies / GA
PROJECT #: 100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260B-Short list	LAB ID NUMBER
		W		✓	Trip Blank	3	X	1
		GW		✓	DUP-01	2	X	2
1/27/10	1246	GW		✓	MW-38A	2	X	3

CONTAINER TYPE: P - PLASTIC, A - AMBER GLASS, G - CLEAR GLASS, V - VOA VIAL, S - STERILE, O - OTHER

PRESERVATION: 1 - HCl, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°

*MATRIX CODES: DW - DRINKING WATER, WW - WASTEWATER, GW - GROUNDWATER, SW - SURFACE WATER, ST - STORM WATER, W - WATER, S - SOIL, SL - SLUDGE, SD - SOLID, A - AIR, L - LIQUID, P - PRODUCT

REMARKS/ADDITIONAL INFORMATION: Analyze all for 1,1-Dichloroethene; cis-1,2-Dichloroethene; trans-1,2-Dichloroethene; Tetrachloroethene; Trichloroethene; Vinyl Chloride; 1,4-Dioxane

SAMPLED BY AND TITLE: Don Dowly
DATE/TIME: 1/27/2010 1300
RECEIVED BY:
DATE/TIME:
RELINQUISHED BY: Don Dowly
DATE/TIME: 1/27/10 1555
RELINQUISHED BY:
DATE/TIME:
RECEIVED BY LAB: Charles Hawk
DATE/TIME: 1/27/10 1555
pH: Labelled Preserved
Ice: Yes or No
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 10°C
Custody Seal: Intact Broken Missing
Cooler #

FOR LAB USE ONLY
LAB #: ATA0703
In-house location: V
Entered into LIMS: CH

Please use Black Ink to complete form.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 1/29/2010 4:21:33PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 01/27/10 15:55

Work Order: ATA0703
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 3 **#Containers:** 7

Minimum Temp(C): 1.0 **Maximum Temp(C):** 1.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

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Voluntary Remediation Plan

Former Dickies Industrial Services, Inc.
College Park, Georgia
HSI Site No. 10127

May 21, 2010

www.erm.com

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1.0 INTRODUCTION

This submittal is the initial application for entry into the Voluntary Remediation Program for the Former Dickies Industrial Services, Inc. Site located at 2411 Sullivan Road (HSI# 10127). The Voluntary Remediation Program (VRP) Application and Checklist is provided in Appendix A. This Voluntary Remediation Plan (Plan) has been organized to respond to all parts of the VRP Application Checklist, as documented in the list of cross-references provided on the checklist in Appendix A.

1.1 SITE DESCRIPTION AND HISTORY

This facility is located in College Park, Georgia as shown on the topographic map in Figure 1-1. The facility building was constructed in 1969 and operated as an industrial laundry from 1970 to 1984. Operations at the plant from 1970 to 1984 included the use of PCE and associated distillation equipment for recovery and recycling of this material. The approximate locations of the former dry cleaning operations and the former bulk storage areas are shown on Figure 1-2. Currently, the facility is used as a warehouse/distribution center for apparel. A copy of the warranty deed for this property is provided in Appendix B. A map of the tax parcel boundaries is provided as Appendix C.

According to boring logs prepared during investigation over the past twenty years, the facility is underlain by saprolite of varying thickness, then hard granite gneiss and a mica schist. A network of monitoring wells has been installed over the last two decades; a monitoring well location map is provided in Figure 1-3.

The general direction of ground water flow is to the east/slight northeast, at an estimated rate of 39 to 67 feet per year. As documented in the CAP, horizontal hydraulic gradients for the facility and nearby properties estimated from the water table contours range from 0.002 to 0.008. Based on these data and an assumed porosity of 0.2 and gradient of 0.005, the ground water flow at the site is estimated to be in the range of 39 to 67 feet per year.

Corrective Action has been guided by documents submitted to and approved by the EPD. A Compliance Status Report (CSR) was submitted to the EPD in a series of submittals from 1998 through August 15, 2000. The CSR was approved by the EPD on February 14, 2001. A Corrective

Action Plan (CAP) was prepared and submitted to the EPD on June 13, 2001 and approved on June 28, 2002. A brief CAP Addendum was submitted on April 19, 2004 and approved by the EPD on June 18, 2004. This CAP was implemented at the Site along with appropriate modifications in application that were discussed in annual progress reports provided to the EPD regarding CAP implementation.

A revised Corrective Action Plan was submitted to the EPD on November 12, 2009; however, approval and/or comments have not yet been received.

1.2 VRP ELIGIBILITY

The Former Dickies Industrial Services, Inc. Site is eligible to be a participant in the VRP because:

- The site is currently under regulation of the GA HSRA Program and
- The party responsible for responding to the HSI Site also owns this property.

Similarly, the site is eligible because it is:

- NOT in violation of any order, judgment, statue, rule or regulation subject to the enforcement authority of GAEPD
- NOT listed on the National Priority List
- NOT undergoing response activities required by USEPA
- NOT a permitted TSDF
- NOT in violation of orders or regulations subject to the enforcement authority of GAEPD

1.3 CHEMICALS OF INTEREST

Contamination resulted from releases of tetrachloroethene (PCE) to soil (Table 1-1), the exact origin and timing of the release is not known. Thus, PCE and its degradation products are the chemicals of interest at the site. Each chemical of interest is listed below and the delineation concentration for each is provided in Table 1-2.

- Tetrachloroethene,
- Trichloroethene,
- Cis 1-2 Dichloroethene,
- Trans 1-2 Dichloroethene, and
- Vinyl chloride.

1.4 *RECEPTORS AND WATER USAGE*

A map of the potential ground water receptors within three miles of the Site is provided in Figure 1-4. This Receptor Map shows that there are no ground water receptors in the downgradient direction within three miles of the Site.

1.5 *PREVIOUS REMEDIATION*

Soil remediation at this facility began in 1999, and ground water remediation activities began in 2003. The remediation system performance was measured regularly during the corrective action implementation and described in annual reports to the EPD.

1.5.1 *Soil Vapor Extraction*

Soil remediation has been performed using soil vapor extraction (SVE) since 1999. The active SVE system includes a network of 29 soil vapor extraction wells that were installed in the unsaturated zone under the warehouse floor. SVE has been effective at reducing VOC concentrations to below risk reduction standards in a good portion of the soil, however, some hot spots remain above soil risk reduction standards.

1.5.2 *Ground Water Remediation*

The remedial approach in this area has included a combination of air sparging, in-situ chemical oxidation, and enhanced bioremediation. The air sparge system consists of a rotary screw compressor (maximum capacity 298 scfm at 100 psig) that is connected through an air supply manifold to 42 air sparge wells. These activities have been performed under Underground Injection Control Permit R-166.

Chemical oxidant has been injected into twenty-seven permitted injection locations since the remediation operation began in 2003. Approximately 55,000 gallons of potassium permanganate solution have been injected to reduce VOC concentrations in ground water.

Beginning in 2004, an organic carbon substrate was injected into the downgradient portion of the tetrachloroethene plume. The organic carbon source that was used at this facility is a blend of sodium lactate, ethyl lactate, and soybean oil. The carbon source was added to promote the growth of dehalorespiring bacteria that sequentially transform chlorinated ethylenes through reductive dechlorination with the ultimate production of ethylene.

2.0 CLEANUP STANDARDS

A summary of cleanup standards to be used for this site in the Voluntary Remediation Program is provided in Table 2-1.

The soil cleanup standards that will be used for this site will be the risk reduction standards (RRS) currently used in the HSRA program. The RRS that are guiding corrective action for soils were approved in EPD correspondence dated October 12, 2005. For the compounds of interest at this site the surface and subsurface standards were calculated to be equal, so only a singe soil RRS is listed in Table 2-1.

Ground water cleanup standards are not included for this site, since ground water cleanup is not required per Section 12-8-107(g)(2) of the VRP Act, which states:

> "The participant shall not be required to perform corrective action or to certify compliance for groundwater if the voluntary remediation property was listed on the inventory as a result of a release to soil exceeding a reportable quantity for soil but was not listed on the inventory as a result of a release to groundwater exceeding a reportable quantity, and if the participant further demonstrates to the director at the time of enrollment that a release exceeding a reportable quantity for groundwater does not exist at the voluntary remediation property; and the groundwater protection requirements for soils shall be based on protection of the established point of exposure for groundwater as provided under this part… "

Surface water cleanup standards were not included because there are no surface water bodies within/between the source area and the 1000' downgradient hypothetical well.

3.0 SOIL DELINEATION & CURRENT STATUS

Soils monitoring that was performed annually assess SVE system operation showed that some recalcitrant areas were not being treated to low enough levels using the SVE system. Soil sampling was conducted in May 2009 and January 2010 for analysis of the chemicals of interest, in order to better delineate soils that remain above the cleanup standards. These soil sampling results serve the purpose of providing soil delineation and providing information about the current status of the chemicals of interest in soil. The laboratory reports from these sampling events are provided in Appendix D, and the results of the soil sampling are summarized in Table 3-1. A map of the soil sampling locations is provided in Figure 3-1. This figure uses color coding to indicated the samples in compliance with the cleanup standards (green) and the sample that exceed cleanup standards (red). The soils exceeding cleanup standards are scheduled for excavation, thus the excavation limits shown on Figure 3-1 are based on the current understanding of soil delineation.

The soil data is also presented in cross section view in Figure 3-2 and Figure 3-3. The limits of delineation/excavation are also shown in these cross section figures.

4.0 CURRENT GROUND WATER STATUS

4.1 GROUND WATER ELEVATION MONITORING

Potentiometric surface maps were created from data collected at site monitoring wells using an electronic water level meter in October 2009 (Figure 4-1). Ground water movement at the site is predominately toward the east. A summary of historical and current ground water level measurements is provided in Table 4-1.

4.2 CURRENT GROUND WATER CONDITIONS

VOCs in ground water have been used as the main parameter for judging remediation effectiveness. For the last six years, VOC concentrations in ground water samples from over twenty-five monitoring wells have been used to evaluate the impact of both the source control area that received aggressive treatment, as well as in the natural attenuation area in the more dilute portions of the plume.

Ground water samples were most recently collected in October 2009. Low flow purging methods were used and parameters were monitored for stabilization. Sampling logs are provided in Appendix E; the laboratory data are provided in Appendix F.

Ground water samples were placed into containers provided by the analytical laboratory. ERM personnel transferred the samples to Analytical Services, Inc. (ASI), located in Atlanta, Georgia. The analytical results for these events were used to update the historical ground water quality data table for the site. The updated data table is provided in Table 4-2.

The data from the October 2009 sampling event was used to create an isoconcentration plume map for the main chemical of interest, tetrachloroethene (Figure 4-2).

4.3 *GROUND WATER QUALITY ASSURANCE/QUALITY CONTROL SAMPLING*

Quality assurance/quality control (QA/QC) samples were routinely included in the ground water sampling discussed above. These include trip blanks and duplicate samples. Duplicate samples were collected at a rate of one for every ten samples. Additionally, a trip blank was included in each shipment to the laboratory.

Analytical reports for the QA/QC samples from the soil sampling activities are included in Appendix D. Analytical reports for the QA/QC samples from the ground water sampling activities are included in Appendix F.

5.0 CORRECTIVE ACTION

5.1 SOIL EXCAVATION AND COMPLIANCE CERTIFICATION

The soils that remain above the cleanup standards will be excavated and disposed at an appropriate permitted landfill. The SVE system equipment, piping, and wells will be abandoned in advance of the excavation. The areas to be excavated are shown on Figure 5-1. The soils will be excavated and removed from the site for disposal. This will include saw cutting and removing the concrete in this area for disposal. The typical depth of the excavation will be four feet; certain areas will go deeper and others shallower (Figure 5-1). The outdoor soil excavation will include the removal of a waste water holding tank located outside the northwest corner of the warehouse. The excavation areas are based on soil data that was summarized in Section 3 of this plan. The volumes to be excavated are summarized below:

- ***TOTAL VOLUME, CY = 603 CY***
- ***MASS, TONS = 965 TONS (1.6 tons/CY)***
  - Area A – 30 CY,
  - Area B – 44 CY,
  - Area C – 4 CY,
  - Area D – 7 CY,
  - Area E – 389 CY,
  - Area F – 15 CY,
  - Area G – 15 CY,
  - WW Tank – 44 CY, and
  - 10% Contingency – 55 CY

It is expected that this work will result in the transportation and disposal of approximately 965 tons of soil at a Subtitle D landfill. The soil planned for excavation can be managed as a characteristically non- hazardous waste, based on TCLP results collected during the January 2009 soil sampling event (lab reports in Appendix F).

Once soils have been excavated, verification sampling will be conducted on the soils remaining-in-place to confirm compliance with the RRS.

Samples will be collected from the sidewalls and bottom of the excavation. These soil samples will be analyzed for VOCs by Method 8260.

Confirmation samples will be collected on each sidewall every 60 feet. No sidewall will have less than one confirmation sample. The sidewall samples will be collected half way down the sidewall. If a side wall is greater than 6′ tall, then two samples should be collected. In such a case, that first sample would represent the 0-6′ interval, and the deeper sample will represent the soil depth between 6′ deep and the top of the ground water table (which is ~12 feet below the finished floor elevation of the warehouse).

Confirmation samples will be collected on the base of the excavations every 1,000 square feet. The samples will be collected from the excavation surface to a depth of 6″. The bottom samples will be collected in the center of each 1,000 square foot area. A minimum of one confirmation sample will be collected from the base of each excavation area.

No further excavation will be conducted if the analyses indicate that the VOC concentrations in the closure verification soil samples are at or below the RRS. If concentrations exceed these levels, additional soils will be removed and, subsequently, additional samples collected. This process will be continued until soils containing VOCs at levels above the RRS are removed to the extent practicable.

Site restoration will be conducted once the soils above the RRS have been removed from the site, and once verification sampling indicates that the soil RRS have been met. Excavated areas will be backfilled to bring them to grade. Samples of the fill will be collected and analyzed for metals and VOCs prior to use to ensure it is appropriate for use as clean fill.

5.2 SUBMIT COMPLIANCE STATUS REPORT

A Compliance Status Report will be prepared to certify soil compliance with cleanup standards after the excavation and confirmation sampling is complete.

5.3 *WELL ABANDONMENT AND DECOMMISSIONING OF REMEDIATION EQUIPMENT*

After concurrence for this approach is given by the EPD, the ground water remediation systems will be decommissioned. In addition to closure of the remediation systems, the monitoring wells and remediation wells will be properly abandoned by a licensed driller.

5.4 *SCHEDULE*

A schedule of future activities is provided in Figure 5-2. The activities to achieve site closure include soil excavation, confirmation sampling, preparation of a CSR, and monitoring well abandonment.

5.5 *COST ESTIMATE*

Dickies has been performing investigation of this site for the past two decades. Dickies commenced remediation efforts at this site in 1999. During the past two decades, Dickies has invested over three million dollars on site investigation and remediation.

The cost estimate of the soil excavation includes soil removal and post-excavation sampling to confirm compliance with soil RRS. The estimated costs are shown below.

ITEM	ESTIMATED COST
Abandoning Systems In Excavation Area	$ 18,000
Soil Excavation and Confirmation Sampling	$ 270,000
Compliance Status Report	$ 25,000
Well Abandonment and Decommissioning of Remediation Equipment	$ 75,000
Estimated Total Cost	**$ 388,000**

“

6.0 *PE CERTIFICATION*

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Shanna Thompson PE031306 — 5/21/2010

Printed Name and GA PE/PG Number — Date

Shanna Thompson

Signature and Stamp

GEORGIA REGISTERED No. 031306 PROFESSIONAL ENGINEER SHANNA L. THOMPSON

Tables

Figures

Appendix A

Appendix B

Appendix C

Appendix D

Appendix E

Appendix F

6.0 *PE CERTIFICATION*

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Shanna Thompson PE031306 — 5/21/2010

Printed Name and GA PE/PG Number — Date

Shanna Thompson

Signature and Stamp

GEORGIA REGISTERED No. 031306 PROFESSIONAL ENGINEER SHANNA L. THOMPSON

Table 1-1
Table of Regulated Substances
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

Compound	CAS #
tetrachloroethene	127184
trichloroethene	79016
cis-1,2-dichlorethene	156592
trans-1,2-dichlorethene	156605
vinyl chloride	75014

Note:
1,4 dioxane was also tested in 2009/2010, but was not found above applicable RRS.

Table 1-2
Table of Delineation Concentrations
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

Compound	CAS #	Ground Water Delineation Concentration (i.e. typical laboratory detection limit)	Soil Delineation Concentration (i.e. typical laboratory detection limit)
tetrachloroethene	127184	Not applicable, per 12-8-107(g)(2)	5 ug/kg
trichloroethene	79016	Not applicable, per 12-8-107(g)(2)	5 ug/kg
cis-1,2-dichlorethene	156592	Not applicable, per 12-8-107(g)(2)	5 ug/kg
trans-1,2-dichlorethene	156605	Not applicable, per 12-8-107(g)(2)	5 ug/kg
vinyl chloride	75014	Not applicable, per 12-8-107(g)(2)	10 ug/kg

Note:
1,4 dioxane was also tested in 2009/2010, but was not found above applicable RRS.

Table 2-1
Table of Cleanup Standards
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

Compound	CAS #	Ground Water VRP Cleanup Standard	Surface Soil (0 - 2 ft bgs) VRP Cleanup Standard	Subsurface Soil (Deeper than 2 ft bgs) VRP Cleanup Standard
tetrachloroethene	127184	Not applicable, per 12-8-107(g)(2)	877 ug/kg	877 ug/kg
trichloroethene	79016	Not applicable, per 12-8-107(g)(2)	500 ug/kg	500 ug/kg
cis-1,2-dichlorethene	156592	Not applicable, per 12-8-107(g)(2)	18,900 ug/kg	18,900 ug/kg
trans-1,2-dichlorethene	156605	Not applicable, per 12-8-107(g)(2)	See notes	See notes
vinyl chloride	75014	Not applicable, per 12-8-107(g)(2)	200 ug/kg	200 ug/kg
1,4 dioxane	123911	Not applicable, per 12-8-107(g)(2)	See notes	See notes

Note:
1,4 dioxane was also tested in 2009/2010, but was not found above applicable RRS.
Trans-1,2-DCE and 1,4 dioxane RRS were not calculated previously. The RRS vales that were calculated by ERM for another HSI in an industrial environment were used for evaluation.

Table 3-1
Results of Soil Sampling and Analysis
Former Dickies Industrial Services, Inc.
HSI Site No. 10127

January 2010

Soil Boring ID	Depth (ft)	Date Sampled	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,4 Dioxane	Vinyl Chloride
GP-5E	3	Jan-10	74	13	<4.8	<4.8	140	<9.5
GP-100	4	Jan-10	150	<4.9	<4.9	<4.9	<150	<9.8
	7	Jan-10	8.4	<5.6	<5.6	<5.6	<170	<11
GP-101	3	Jan-10	8200	<230	<230	<230	<7000	<470
	8	Jan-10	40	<6.2	<6.2	<6.2	<180	<12
GP-102	3	Jan-10	170	<4.5	<4.5	<4.5	<130	<9
	8	Jan-10	<5.6	<5.6	<5.6	<5.6	<170	<11
GP-103	3	Jan-10	1800	<4.3	<4.3	<4.3	<130	<8.6
	8	Jan-10	65	<5.8	<5.8	<5.8	<170	<12
GP-104	3	Jan-10	120	<6.4	<6.4	<6.4	<190	<13
	8	Jan-10	47	<6.0	<6.0	<6.0	<180	<12
HA-19	2.5	Jan-10	82000	1200	<240	<240	<7100	<470
	5	Jan-10	47	9.9	<5.7	<5.7	<170	<11
GP-5H	3	Jan-10	61000	2300	<210	<210	<6400	<430
AEM-GP-4	1.5	Jan-10	160	7.6	<4.8	<4.8	<140	<9.6
HA-30	3	Jan-10	43000	1700	38	<4.9	<150	<9.7
	5	Jan-10	53000	5700	16	<5.4	<160	<11
HA-31	3	Jan-10	100000	600	<260	<260	<7800	<520
	5	Jan-10	48000	1100	<270	<270	<8200	<550
HA-32	3	Jan-10	30000	49	<4.8	<4.8	<150	<9.7
	5	Jan-10	660	8.1	<4.6	<4.6	<140	<9.1
GP-1A	7	Jan-10	9.4	<5.0	<5.0	<5.0	<150	<10
	10	Jan-10	24	<6.2	<6.2	<6.2	<190	<12
GP-2A	3	Jan-10	25000	<240	<240	<240	<7100	<470
	10	Jan-10	610	<5.8	<5.8	<5.8	<170	<12
GP-3A	5	Jan-10	30	<5.4	<5.4	<5.4	<160	<11
GP-2B	2	Jan-10	66000	52	<4.9	<4.9	<150	<9.7
	5	Jan-10	14	<4.9	<4.9	<4.9	<150	<9.8
GP-2C	1	Jan-10	910	270	<4.5	<4.5	<140	<9.0
AEM-HA6	4.5	Jan-10	69	<6	<6	<6.0	<180	<12
	7	Jan-10	13	<4.9	<4.9	<4.9	<150	<9.8
HA-23	3	Jan-10	1100	67	<5.0	<5.0	<150	<9.9
	7	Jan-10	89	15	<5.6	<5.6	<170	<11
	10	Jan-10	39	<5.5	<5.5	<5.5	<160	<11
GP-5D	11	Jan-10	620	<6.6	<6.6	<6.6	<200	<13
GP-AS-23	5	Jan-10	89	<4.6	<4.6	<4.6	<140	<9.3
GP-5GR	3	Jan-10	6600	13	<5.2	<5.2	<160	<10
GP-5D	3	Jan-10	39000	<250	<250	<250	<7500	<500
GP-AS-39	3	Jan-10	2000	<5.9	<5.9	<5.9	<180	<12
	11	Jan-10	530	<5.8	<5.8	<5.8	<170	<12
GP-AS-40	3	Jan-10	1500	10	<4.5	<4.5	<130	<9.0
AEM-GP-3	3	Jan-10	12000	3100	34	<4.9	<150	<9.7

NOTES:
NA = Not Analyzed
Bold text indicates values above detection limit
Highlighted Values exceed the Type 3 RRS
Trans-1,2-DCE and 1,4 dioxane RRS were not calculated previously. The RRS vales that were calculated by ERM for another HSI in an industrial environment were used for evaluation.

Table 3-1
Results of Soil Sampling and Analysis
Former Dickies Industrial Services, Inc.
HSI Site No. 10127

May 2009

Soil Boring ID	Depth (ft)	Date Sampled	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,4 Dioxane	Vinyl Chloride
HA-1	3	May-09	<4.6	<4.6	<4.6	<4.6	NA	<9.2
	6	May-09	**47**	<5.6	<5.6	<5.6	NA	<11
HA-2	3	May-09	**170**	**5.6**	**35**	<5.2	NA	<10
	6	May-09	**65**	<5.6	<5.6	<5.6	NA	<11
HA-3	3	May-09	**24**	<6.4	<6.4	<6.4	NA	<13
	6	May-09	**15**	<5.2	<5.2	<5.2	NA	<10
HA-4	3	May-09	**130**	<5.0	<5.0	<5.0	NA	<10
	6	May-09	**290**	**10**	**27**	<5.0	NA	<9.9
HA-9	3	May-09	**17**	**21**	**5.3**	<4.6	<460	<9.2
HA-10	5	May-09	**29**	<4.8	<4.8	<4.8	<480	<9.7
HA-11	5	May-09	**31**	<4.2	<4.2	<4.2	<420	<8.5
12 (HA-12)	5	May-09	**950**	<300	<300	<300	<30000	<600
HA-13	3	May-09	**42**	**18**	<5.4	<5.4	<540	<11
HA-14	3	May-09	**32**	**91**	**59**	<5.0	<500	<9.9
HA-15	5	May-09	**5.6**	<5.2	<5.2	<5.2	<520	<10
HA-16	5	May-09	<4.7	<4.7	<4.7	<4.7	<470	<9.3
17 (HA-17)	5	May-09	<5.0	<5.0	<5.0	<5.0	<500	<10
HA-18	3	May-09	**85**	**7.4**	<5.4	<5.4	<540	<11
HA-19	3	May-09	**13,000**	**2,500**	**24**	<4.8	<480	<9.7
HA-20	5	May-09	<5.2	<5.2	<5.8	<5.8	<580	<12
HA-21	3	May-09	**230**	<5.6	<5.6	<5.6	<560	<11
HA-22	3	May-09	**23**	<5.6	<5.6	<5.6	<560	<11
HA-23	3	May-09	**5,700**	**600**	<5.1	<5.1	<510	<10
HA-24	5	May-09	<4.4	**100**	**180**	**61**	<440	<8.8
HA-25	3	May-09	**85**	<4.6	<4.6	<4.6	<460	<9.2
HA-26	3	May-09	**20**	<5.5	<5.5	<5.5	<550	<11
HA-27	5	May-09	**12**	<5.6	<5.6	<5.6	<560	<11
28 (HA-28)	5	May-09	**14**	<4.6	<4.6	<4.6	<460	<9.2
29 (HA-29)	5	May-09	<5.2	<5.2	<5.2	<5.2	<520	<10

NOTES:

NA = Not Analyzed

Bold text indicates values above detection limit

Highlighted Values exceed the Type 3 RRS

Trans-1,2-DCE and 1,4 dioxane RRS were not calculated previously. The RRS vales that were calculated by ERM for another HSI in an industrial environment were used for evaluation.

Table 4-1
Ground Water Elevation Data
Former Dickies Industrial Services, Inc.
HSI Site No. 10127

		October 3, 2005		October 11, 2006		October 10, 2007		October 6, 2008		October 20, 2009	
Well ID	**TOC ELEV**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**	**Depth to Water**	**Water Table Elevation**
MW-1	**1014.29**	9.53	1004.76	12.50	1001.79	14.10	1000.19	14.15	1000.14	10.35	1003.94
MW-2	**1012.85**	5.11	1007.74	9.80	1003.05	12.21	1000.64	12.86	999.99	9.58	1003.27
MW-4	**1014.11**	8.94	1005.17	10.60	1003.51	13.10	1001.01	13.67	1000.44	10.00	1004.11
MW-8	**1013.21**	8.14	1005.07	9.90	1003.31	11.38	1001.83	13.12	1000.09	9.83	1003.38
MW-9	**1016.90**	12.22	1004.68	13.90	1003.00	16.05	1000.85	16.44	1000.46	13.35	1003.55
MW-10	**1018.08**	13.53	1004.55	15.50	1002.58	17.90	1000.18	18.11	999.97	14.48	1003.60
MW-10A	**1015.78**	11.42	1004.36	13.10	1002.68	15.58	1000.20	15.88	999.90	12.68	1003.10
MW-12	**1013.25**	13.23	1000.02	13.40	999.85	15.37	997.88	15.95	997.30	13.18	1000.07
MW-13	**1013.50**	12.72	1004.17	10.80	1002.70	12.90	1000.60	13.46	1000.04	10.73	1002.77
MW-13A	**1013.56**	NM	NM	10.80	1002.76	12.94	1000.62	13.50	1000.06	10.78	1002.78
MW-14	**1017.28**	11.97	1005.31	13.80	1003.48	15.89	1001.39	16.45	1000.83	13.64	1003.64
MW-18D	**1013.97**	5.92	1008.05	10.80	1003.17	12.19	1001.78	13.46	1000.51	10.80	1003.17
MW-19	**1022.36**	19.50	1002.86	20.96	1001.40	21.46	1000.90	23.92	998.44	21.66	1000.70
MW-20	**1022.45**	21.02	1001.43	22.31	1000.14	24.11	998.34	24.79	997.66	23.08	999.37
MW-25	**1022.82**	25.59	997.23	27.30	995.52	28.85	993.97	29.50	993.32	27.85	994.97
MW-28R	**1009.53**	NM	NM	10.45	999.08	11.56	997.97	17.75	991.78	14.65	994.88
MW-29R	**1010.07**	10.92	999.15	12.54	997.53	13.29	996.78	14.32	995.75	10.70	999.37
MW-32	**1019.19**	17.20	1001.99	16.09	1003.10	16.78	1002.41	18.80	1000.39	15.91	1003.28
MW-33	**1029.73**	25.30	1004.43	27.20	1002.53	29.24	1000.49	29.55	1000.18	27.34	1002.39
MW-34	**1015.40**	NM	NM	11.90	1003.50	14.23	1001.17	14.92	1000.48	12.23	1003.17
MW-35	**1022.55**	NM	NM	19.16	1003.39	21.31	1001.24	22.30	1000.25	20.79	1001.76
MW-35A	**1022.57**	NM	NM	19.15	1003.42	21.31	1001.26	22.30	1000.27	20.80	1001.77
MW-36	**1015.16**	NM	NM	12.22	1002.94	14.30	1000.86	14.90	1000.26	11.90	1003.26
MW-37	**1013.49**	NM	NM	10.94	1002.55	13.31	1000.18	13.80	999.69	10.64	1002.85
MW-37A	**1013.69**	9.34	1004.35	10.96	1002.73	13.15	1000.54	13.75	999.94	10.85	1002.84
MW-38	**1018.40**	14.53	1003.87	15.70	1002.70	17.91	1000.49	19.65	998.75	16.76	1001.64
MW-38A	**1018.31**	14.50	1003.81	15.70	1002.61	17.93	1000.38	18.92	999.39	16.64	1001.67

Table 4-2
VOCs in Ground Water Monitoring Wells
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

	Apr-01	Aug/Sept-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Oct-04	Feb-05	Apr-05	Apr-06	Sep-06	Oct-06	Apr-07	Oct-07	Apr-08	Jun-08	Oct-08	Apr-09	Oct-09	Jan-10
Tetrachloroethene																							
MW-1	54,000	53,000	45,000	30,000	60,000	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	590	NS	NS	6200	NS	14000	NS
MW-2	51,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	61	NS	16	27	9	31	NS	21	NS	59	NS
MW-4	57,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	940	NS	NS	NS	2	NS	1500	NS	NS	1700	NS	1100	NS
MW-8	46,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	2,100	NS	190	NS	5300	10000	620	NS	NS	550	NS	< 2	NS
MW-9	< 5	3	NS	NS	NS	< 2	NS	NS	NS	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	160	350	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	320	1,400	NS	NS	NS	6,500	NS	NS	NS	2,400	NS	NS	1,600	NS	300	4000	110	1400	NS	410	NS	2200	NS
MW-10A	11,000	11,000	NS	NS	NS	13,000	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	2	6.9	NS	8	660	1500	NS
MW-12 (converted to SVE-4 4/2/03)	4,300	380	NS	NS	NS	350	NS	NS	NS	NS	NS	NS	NS	NS	99	NS	NS	NS	NS	710	NS	220	NS
MW-13	140	69	NS	NS	NS	26	NS	58	NS	37	NS	NS	NS	NS	16	NS	NS	NS	NS	85	NS	89	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	14	NS
MW-14	35	NS	NS	NS	NS	NS	NS	NS	NS	3	NS	NS	NS	NS	< 2	NS	NS	NS	NS	11	NS	6.4	NS
MW-18D	11	34	NS	NS	NS	400	1,300	NS	NS	NS	< 2	NS	< 2	NS	< 2	3	4	7	NS	2	7.6	2.5	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	180	310	220	270	310	420	510	340	490	430	NS	600	NS	560	420	NS	16	NS	12	16	7.0	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	3	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	49	45	100	43	64	68	54	83	74	NS	89	NS	59	68	NS	69	NS	74	70	66	51	NS
MW-28/28R	NS	150	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	420	150	NS	290	270	110	360	310	410	280	NS	NS	NS	NS	170	NS	79	NS	NS	82	NS	< 2	NS
MW-33	36	13	NS	NS	3	3	4	8	21	4	NS	NS	NS	NS	17	NS	6	NS	NS	< 2	NS	2.9	NS
MW-34	NS	< 2	190	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	76	NS	NS	120	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	59	4	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	4	NS	NS	NS	2	NS	NS	NS	NS	4	NS	4	NS	13	2	NS	19	NS
MW-38A	NS	1,300	1,200	1,500	1,300	6,300	5,400	4,200	4,600	2,500	NS	3,700	NS	< 2	< 2	NS	< 2	NS	9	< 2	< 2	< 2	< 2
Trichloroethene																							
MW-1	1,900	1,500	1,100	< 1,000	720	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	68	NS	120	NS
MW-2	3,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	6.3	NS	2	NS	20	NS
MW-4	1,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	32	NS	NS	46	NS	30	NS
MW-8	1,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	150	310	< 2	NS	NS	10	NS	< 2	NS
MW-9	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	7	19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	14	NS	NS	NS	110	NS	NS	NS	< 40	NS	NS	7	NS	19	36	78	160	NS	110	NS	71	NS
MW-10A	3,100	2,600	NS	NS	NS	1,200	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	37	74	NS
MW-12 (converted to SVE-4 4/2/03)	400	220	NS	NS	NS	45	NS	NS	NS	NS	NS	NS	NS	NS	37	NS	NS	NS	NS	110	NS	23	NS
MW-13	< 5	3	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	6	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	3	NS	< 2	NS
MW-18D	< 5	3	NS	NS	NS	14	11	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	5	3	< 10	4	6	< 10	7	< 10	9	NS	11	NS	18	11	NS	3	NS	5	3	< 2	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	3	NS	8	NS	6	7	6.0	4.6	NS
MW-28/28R	NS	8	NS	NS	NS	6	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	24	11	NS	14	13	5	20	21	23	38	NS	NS	NS	NS	14	NS	8	NS	NS	5	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	3	NS	NS	5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	3	< 2	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	3	NS
MW-38A	NS	26	25	26	25	87	100	< 100	110	130	NS	230	NS	< 2	< 2	NS	< 2	NS	3	< 2	< 2	< 2	< 2

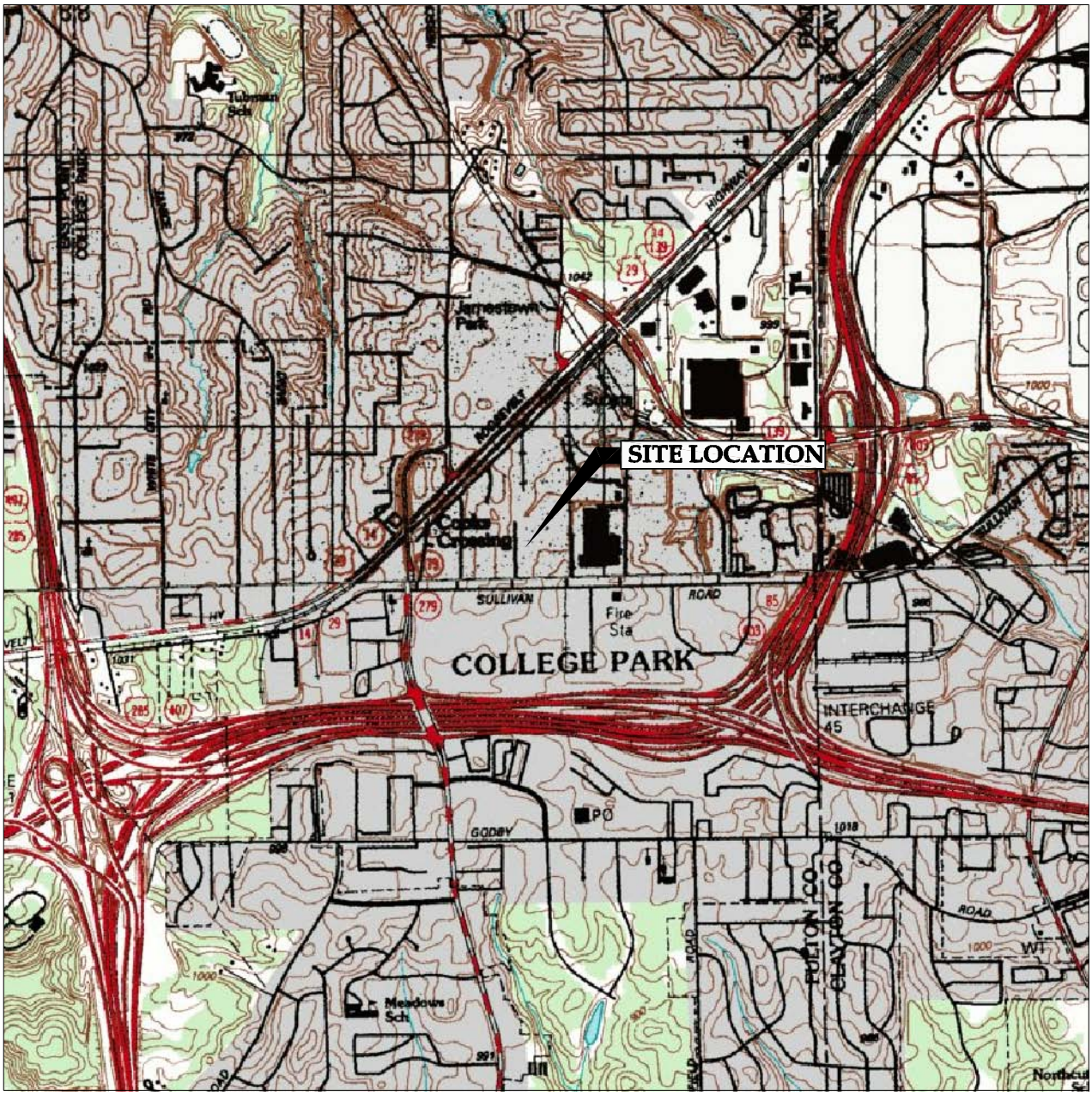
Table 4-2
VOCs in Ground Water Monitoring Wells
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

	Apr-01	Aug/Sept-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Oct-04	Feb-05	Apr-05	Apr-06	Sep-06	Oct-06	Apr-07	Oct-07	Apr-08	Jun-08	Oct-08	Apr-09	Oct-09	Jan-10
1,1-Dichloroethene																							
MW-1	< 1,000	11	< 200	< 1,000	4	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-2	46	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-4	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-8	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	< 40	< 2	< 2	NS	NS	< 2	NS	< 2	NS
MW-9	< 5	NR	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	NR	NS	NS	NS	< 20	NS	NS	NS	< 40	NS	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-10A	32	24	NS	NS	NS	< 200	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-12 (converted to SVE-4 4/2/03)	28	NR	NS	NS	NS	< 10	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	3	NS	< 2	NS
MW-13	< 5	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 5	< 2	NS	NS	NS	< 10	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 40	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	< 2	< 2	< 10	< 2	< 2	< 10	< 2	< 10	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-28/28R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	< 5	< 2	NS	< 2	< 2	< 2	< 2	< 2	< 10	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	< 2		NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	< 2	< 2		NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-38A	NS	< 2	< 2	< 20	< 20	< 20	< 100	< 100	< 100	< 20	NS	< 5	NS	20	22	NS	21	NS	< 2	11	2.9	3.8	39
cis-1,2-Dichloroethene																							
MW-1	3,100	4,200	3,400	< 1,000	2,600	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	140	NS	400	NS
MW-2	8,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	4	NS	< 2	< 2	3	9.8	NS	< 2	NS	50	NS
MW-4	7,900	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	70	NS	NS	200	NS	100	NS
MW-8	8,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	500	1100	7	NS	NS	37	NS	< 2	NS
MW-9	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	23	53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	< 10	NS	NS	NS	100	NS	NS	NS	< 40	NS	NS	< 2	NS	5	6	99	69	NS	87	NS	47	NS
MW-10A	8,700	6,900	NS	NS	NS	2,500	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	5	130	170	NS
MW-12 (converted to SVE-4 4/2/03)	920	230	NS	NS	NS	450	NS	NS	NS	NS	NS	NS	NS	NS	190	NS	NS	NS	NS	600	NS	110	NS
MW-13	< 5	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 5	5	NS	NS	NS	21	22	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	4	2	< 10	4	6	< 10	8	< 10	10	NS	10	NS	60	38	NS	610	NS	360	52	280	89	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	< 2	NS	5	NS	16	9	14	13	NS
MW-28/28R	NS	16	NS	NS	NS	10	NS	NS	NS	NS	NS	NS	NS	NS	56	NS	40	NS	NS	6	NS	11	NS
MW-29/29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	85	36	NS	41	40	15	67	77	76	130	NS	NS	NS	NS	42	NS	33	NS	NS	15	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	3	< 2	NS	NS	NS	NS	5	NS	2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	8	NS	NS	12	NS	NS	NS	NS	NS	NS	NS	NS	6	NS	6	NS	NS	6	NS	3.3	NS
MW-37A	NS	12	< 2	NS	NS	3	NS	NS	NS	4	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	2	NS	< 2	NS	2	< 2	NS	3.4	NS
MW-38A	NS	28	26	25	25	110	110	< 100	120	120	NS	190	NS	4800	4700	NS	5000	NS	490	5000	1100	990	8500

Table 4-2
VOCs in Ground Water Monitoring Wells
Former Dickies Industrial Services, Inc.
HSI Site No. 10127
ug/L

	Apr-01	Aug/Sept-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Oct-04	Feb-05	Apr-05	Apr-06	Sep-06	Oct-06	Apr-07	Oct-07	Apr-08	Jun-08	Oct-08	Apr-09	Oct-09	Jan-10
trans-1,2-Dichloroethene																							
MW-1	< 1,000	23	< 200	< 1,000	14	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	4.8	NS
MW-2	74	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-4	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	3	NS	< 2	NS
MW-8	56	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	< 40	8	< 2	NS	NS	< 2	NS	< 2	NS
MW-9	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 5	< 10	NS	NS	NS	< 20	NS	NS	NS	< 40	NS	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	NS	< 2	NS
MW-10A	39	28	NS	NS	NS	< 200	NS	NS	NS	NS	NS	< 5	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	4.3	3.6	NS
MW-12 (converted to SVE-4 4/2/03)	6	< 2	NS	NS	NS	< 10	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	5	NS	< 2	NS
MW-13	< 5	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 5	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 5	< 2	NS	NS	NS	< 10	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 5	NS	< 2	< 2	< 2	NS
MW-19	< 5	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 5	< 2	< 2	< 10	< 2	< 2	< 10	< 2	< 10	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	2.4	< 2	NS
MW-21 (closed on 6/2/03)	< 5	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 5	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 5	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-28R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	< 5	< 2	NS	< 2	< 2	< 2	< 2	< 2	< 10	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-33	< 5	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-38A	NS	< 2	< 2	< 20	< 20	< 20	< 100	< 100	< 100	< 20	NS	< 5	NS	4	21	NS	8	NS	< 2	38	3.0	8	31
Vinyl chloride																							
MW-1	< 1,000	510	360	< 1,000	270	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-2	1,900	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	NS	< 2	NS
MW-4	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-8	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 4	NS	< 40	6	< 2	NS	NS	< 2	NS	< 2	NS
MW-9	< 2	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS
MW-9A (converted to AS-13 4/2/03)	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	< 2	< 10	NS	NS	NS	< 20	NS	NS	NS	< 40	NS	NS	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	NS	< 2	NS
MW-10A	270	180	NS	NS	NS	< 200	NS	NS	NS	NS	NS	< 2	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	< 2	< 2	NS
MW-12 (converted to SVE-4 4/2/03)	7	< 2	NS	NS	NS	< 10	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13	< 2	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-13A	< 2	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-14	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS
MW-18D	< 2	< 2	NS	NS	NS	< 10	< 2	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS	< 2	< 2	< 2	NS
MW-19	< 2	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-20	< 2	< 2	< 2	< 10	< 2	< 2	< 10	< 2	< 10	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-21 (closed on 6/2/03)	< 2	< 2	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 (closed on 6/2/03)	< 2	< 2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS	< 2	< 2	< 2	< 2	NS
MW-28R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	3	NS	5	NS	NS	< 2	NS	< 2	NS
MW-29R	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-32	< 2	< 2	NS	< 2	< 2	< 2	< 2	< 2	< 10	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-33	< 2	< 2	NS	NS	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-34	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-35	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-35A	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-36	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS
MW-37	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	NS	NS	NS	NS	NS	< 2	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-37A	NS	< 2	< 2	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	NS	NS	< 2	NS	NS	< 2	NS	< 2	NS
MW-38	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	< 2	NS	NS	NS	NS	< 2	NS	< 2	NS	< 2	< 2	NS	< 2	NS
MW-38A	NS	< 2	< 2	< 20	< 20	< 20	< 100	< 100	< 100	< 20	NS	4	NS	6	7	NS	10	NS	< 2	14	3.7	4.9	29

NS = Not Sampled
NR = Not Reported



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE: SOUTHWEST ATLANTA, GA – 1995.

SCALE 1:24000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

GEORGIA

QUADRANGLE LOCATION

CONTOUR INTERVAL 10 FEET

DOTTED LINES REPRESENT 5–FOOT CONTOURS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

4/06/10 YMT

100586Site.DWG

ERM

Environmental Resources Management

SITE LOCATION MAP

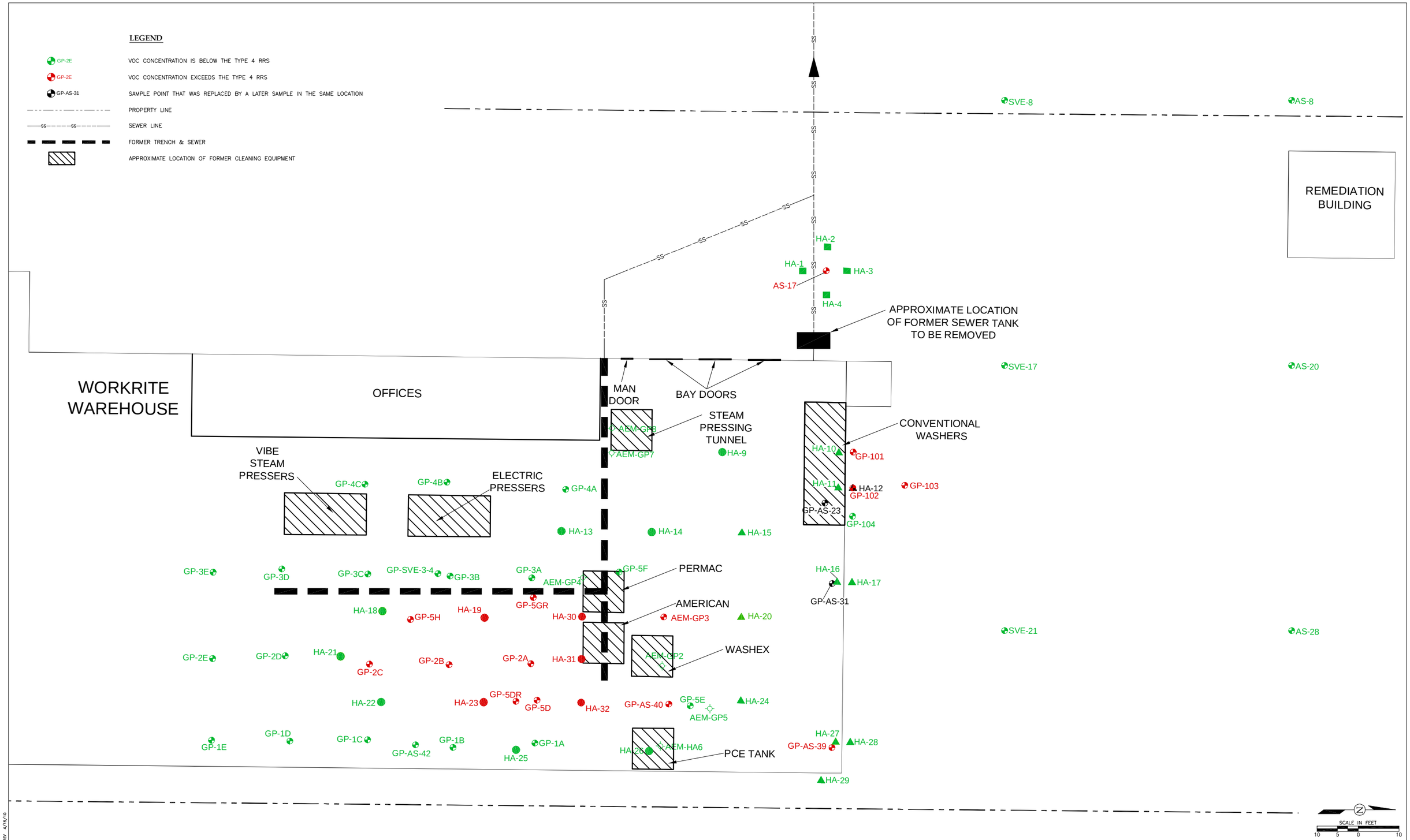
VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC.

COLLEGE PARK, GEORGIA

FIGURE

1-1



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA

DRAWN BY Y. TACKETT	PROJECT ENGINEER S. THOMPSON
DESIGN ENGINEER L. DORMAN	PROJECT MANAGER S. THOMPSON

ERM

NOT FOR CONST-RUCTION

LOCATION OF FORMER OPERATIONS

SCALE AS NOTED	DATE APRIL 7, 2010
PROJECT NO. 100586	AutoCAD 2007 100586 Site Figs.DWG

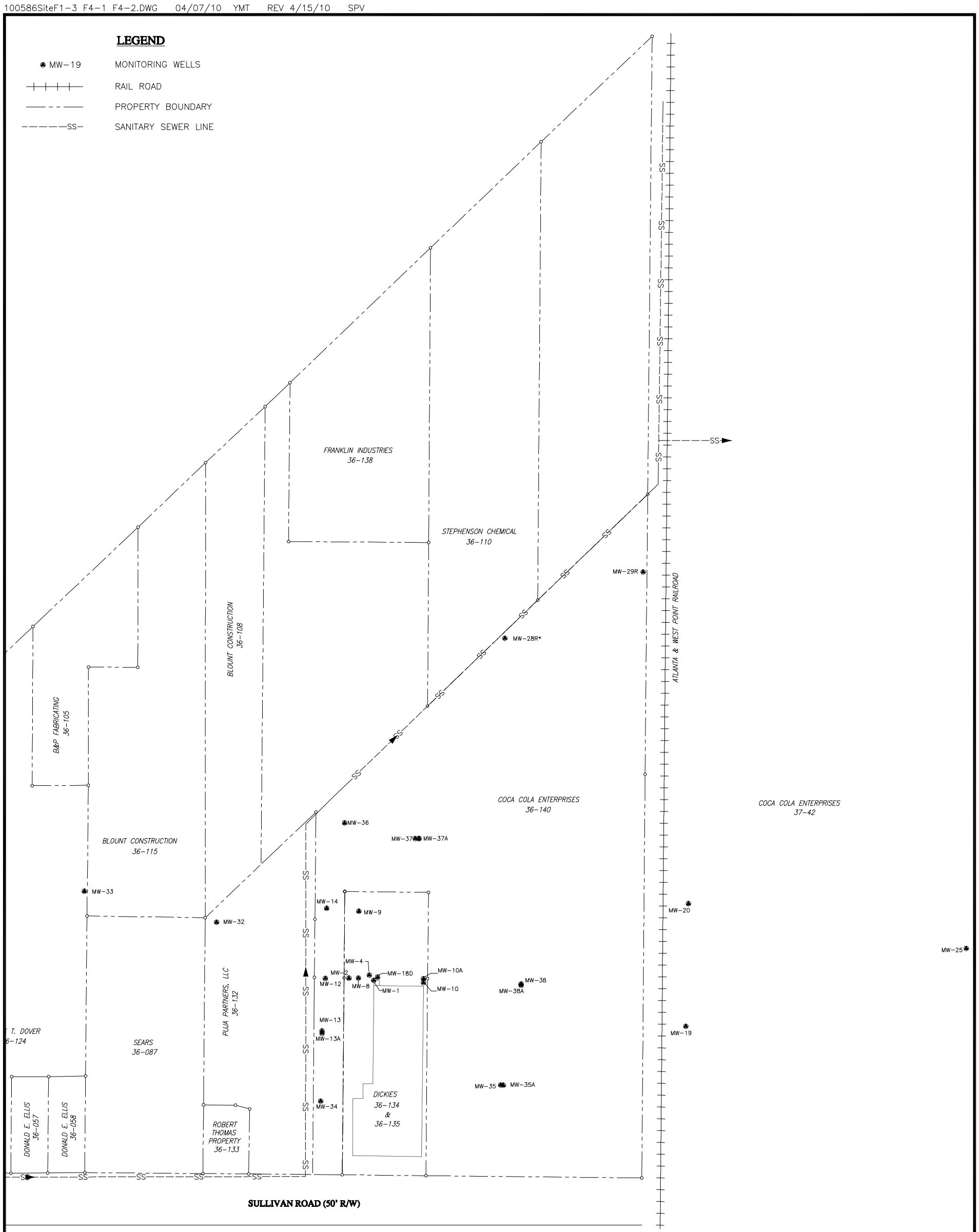
DRAWING NO. **1-2**

REV. NO. **0**

SHEET **1** OF **1**

100586Site.DWG 04/2010 VRP SPV REV 4/15/10

100586SiteF1-3 F4-1 F4-2.DWG 04/07/10 YMT REV 4/15/10 SPV



Environmental Resources Management

ERM

MONITORING WELL LOCATION MAP
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

FIGURE

1-3

LEGEND

- COMMERCIAL WELL
- HOUSEHOLD WELL
- UNUSED WELL
- APPARENT DIRECTION OF GROUND WATER FLOW FROM HSI #10127

N

SCALE IN FEET
0 2500 5000

100586SiteF1-4.DWG 4/15/10 SPV REV 5/13/10

ERM Environmental Resources Management

RECEPTOR MAP
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC.
COLLEGE PARK, GEORGIA

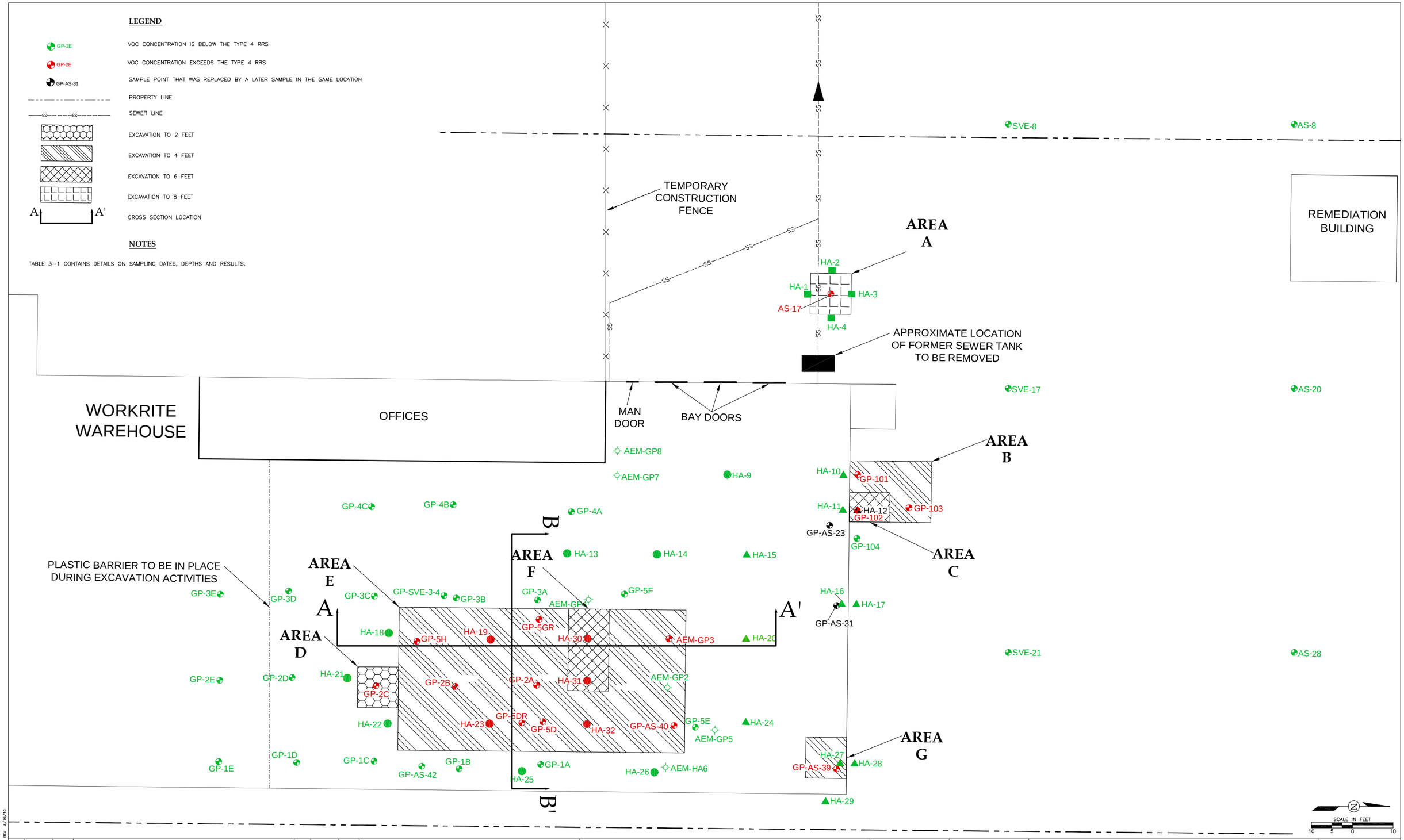
FIGURE
1-4

LEGEND

- GP-2E — VOC CONCENTRATION IS BELOW THE TYPE 4 RRS
- GP-2E — VOC CONCENTRATION EXCEEDS THE TYPE 4 RRS
- GP-AS-31 — SAMPLE POINT THAT WAS REPLACED BY A LATER SAMPLE IN THE SAME LOCATION
- PROPERTY LINE
- SS — SEWER LINE
- EXCAVATION TO 2 FEET
- EXCAVATION TO 4 FEET
- EXCAVATION TO 6 FEET
- EXCAVATION TO 8 FEET
- A — A' CROSS SECTION LOCATION

NOTES

TABLE 3-1 CONTAINS DETAILS ON SAMPLING DATES, DEPTHS AND RESULTS.



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA

DRAWN BY Y. TACKETT	PROJECT ENGINEER S. THOMPSON
DESIGN ENGINEER L. DORMAN	PROJECT MANAGER S. THOMPSON

ERM

NOT FOR CONST-RUCTION

SOIL DELINEATION MAP WITH CROSS SECTION LOCATIONS

SCALE AS NOTED	DATE APRIL 6, 2010
PROJECT NO. 100586	AutoCAD 2007 100586 Site Figs.DWG

DRAWING NO. 3-1

REV. NO. 0

SHEET 1 OF 1

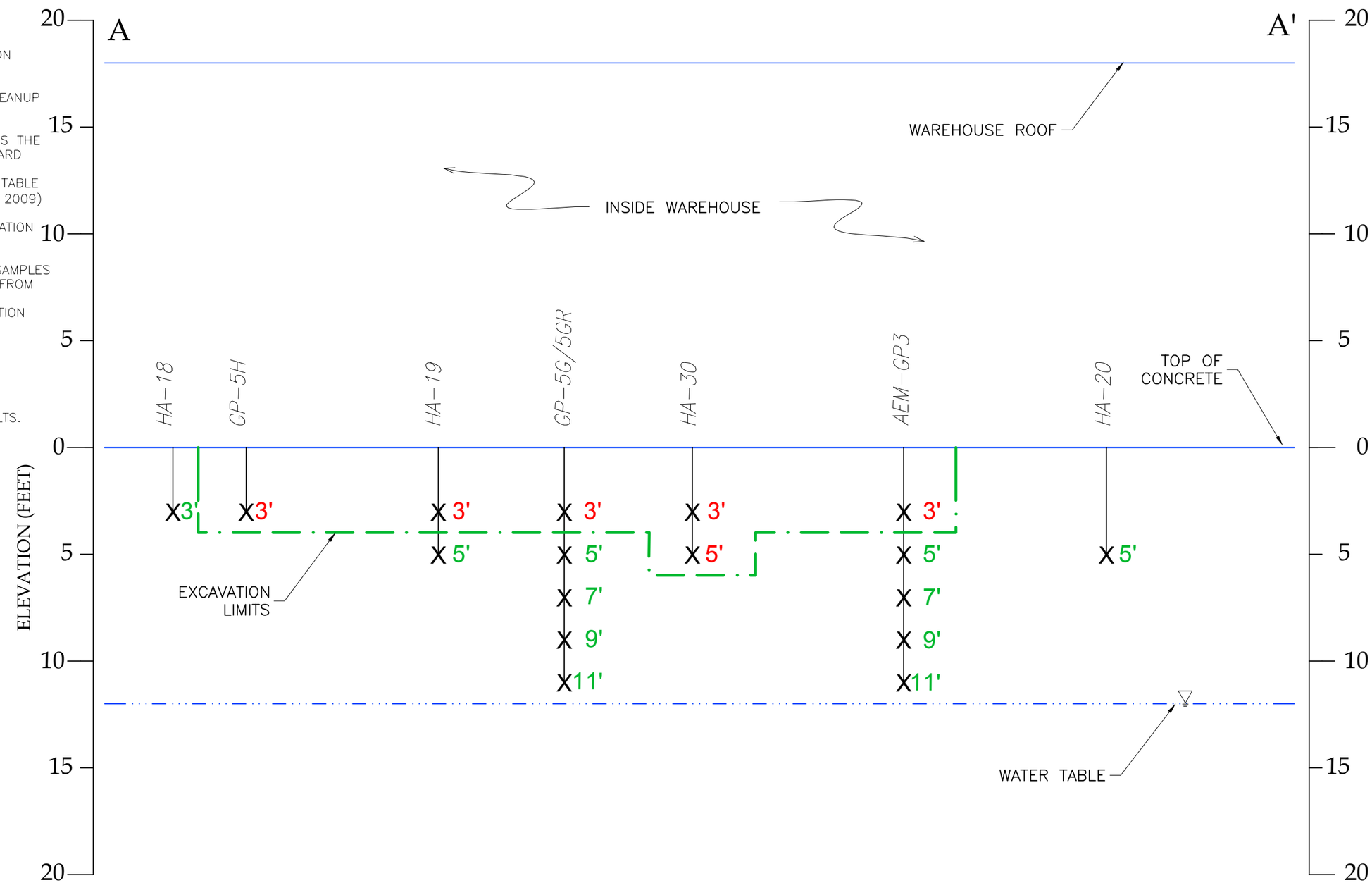
100586Site.DWG 04/2010 VBP SPV REV 4/15/10

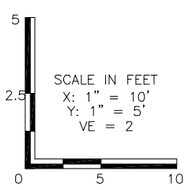
LEGEND

X	SOIL SAMPLE LOCATION
GREEN TEXT	SOIL SAMPLE IS IN COMPLIANCE WITH CLEANUP STANDARDS
RED TEXT	SOIL SAMPLE EXCEEDS THE PCE CLEANUP STANDARD
—··—··—	APPROXIMATE WATER TABLE ELEVATION (OCTOBER 2009)
—— · —— · ——	DENOTES SOIL EXCAVATION THAT WILL OCCUR IN SUMMER 2010. CONFIRMATION SOIL SAMPLES WILL BE COLLECTED FROM THE BASE AND EACH SIDEWALL OF EXCAVATION AREAS.

NOTES

TABLE 3-1 CONTAINS DETAILS ON SAMPLING DATES, DEPTHS AND RESULTS.





100586Site.DWG 4/07/10 YMT REV 4/15/10 SPV

Environmental Resources Management
ERM

CROSS-SECTION A-A'
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

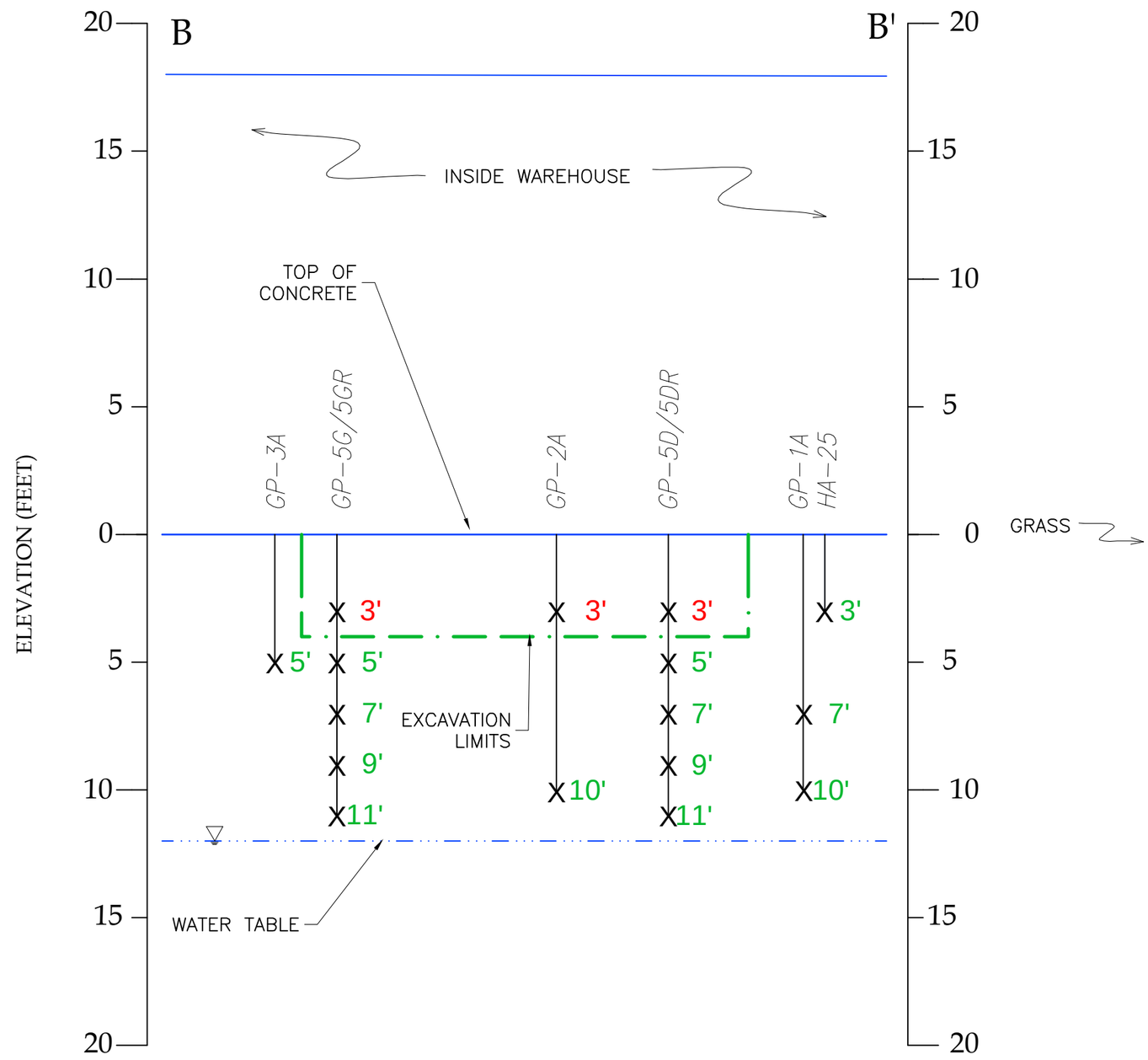
FIGURE
3-2

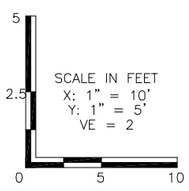
LEGEND

X	SOIL SAMPLE LOCATION
GREEN TEXT	SOIL SAMPLE IS IN COMPLIANCE WITH CLEANUP STANDARDS
RED TEXT	SOIL SAMPLE EXCEEDS THE PCE CLEANUP STANDARD
— · · · — · · · —	APPROXIMATE WATER TABLE ELEVATION (OCTOBER 2009)
— — · —	DENOTES SOIL EXCAVATION THAT WILL OCCUR IN SUMMER 2010. CONFIRMATION SOIL SAMPLES WILL BE COLLECTED FROM THE BASE AND EACH SIDEWALL OF EXCAVATION AREAS.

NOTES

TABLE 3-1 CONTAINS DETAILS ON SAMPLING DATES, DEPTHS AND RESULTS.





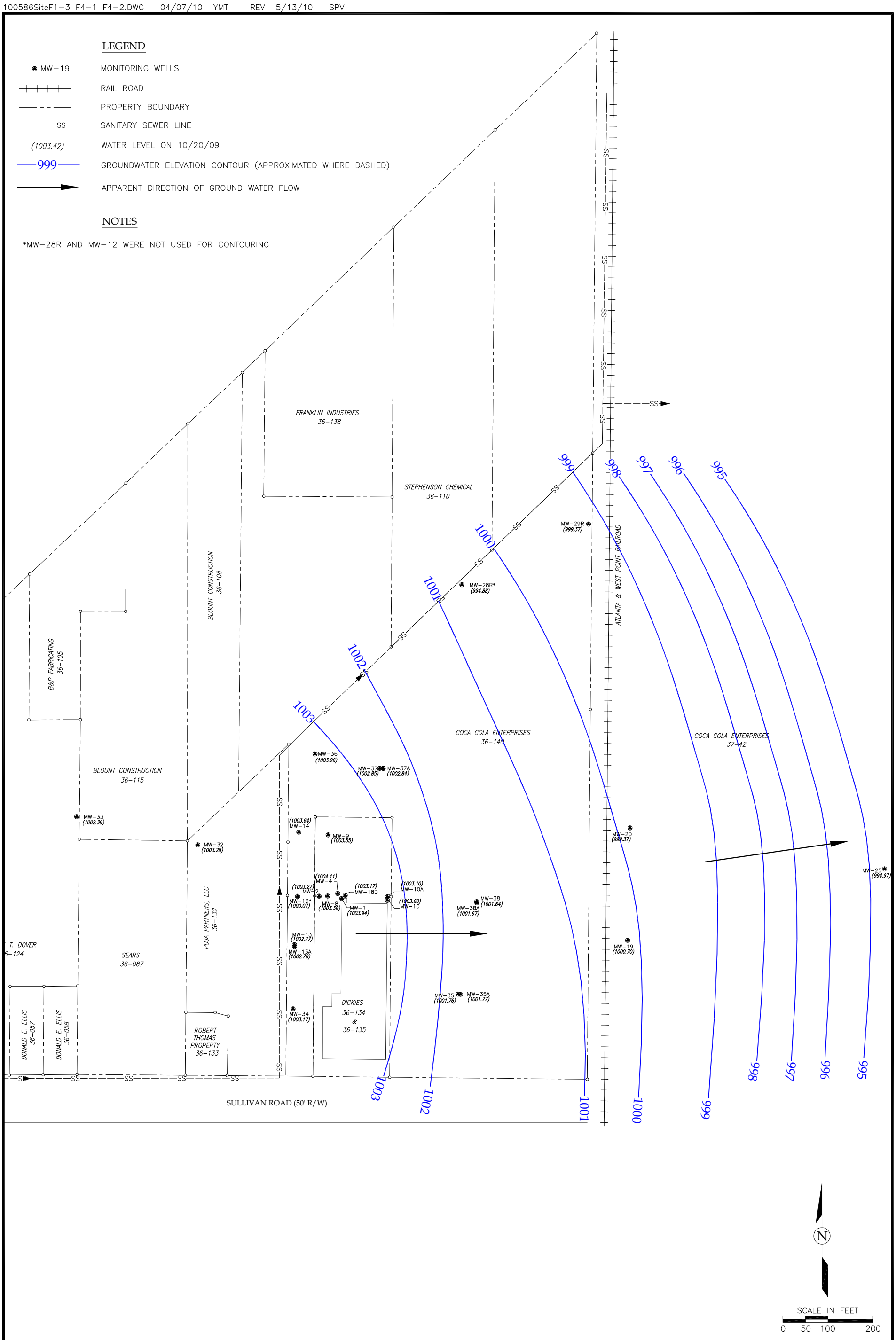
100586Site.DWG 4/07/10 YMT REV 4/15/10 SPV

Environmental Resources Management
ERM

CROSS-SECTION B-B'
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

FIGURE
3-3

100586SiteF1-3 F4-1 F4-2.DWG 04/07/10 YMT REV 5/13/10 SPV

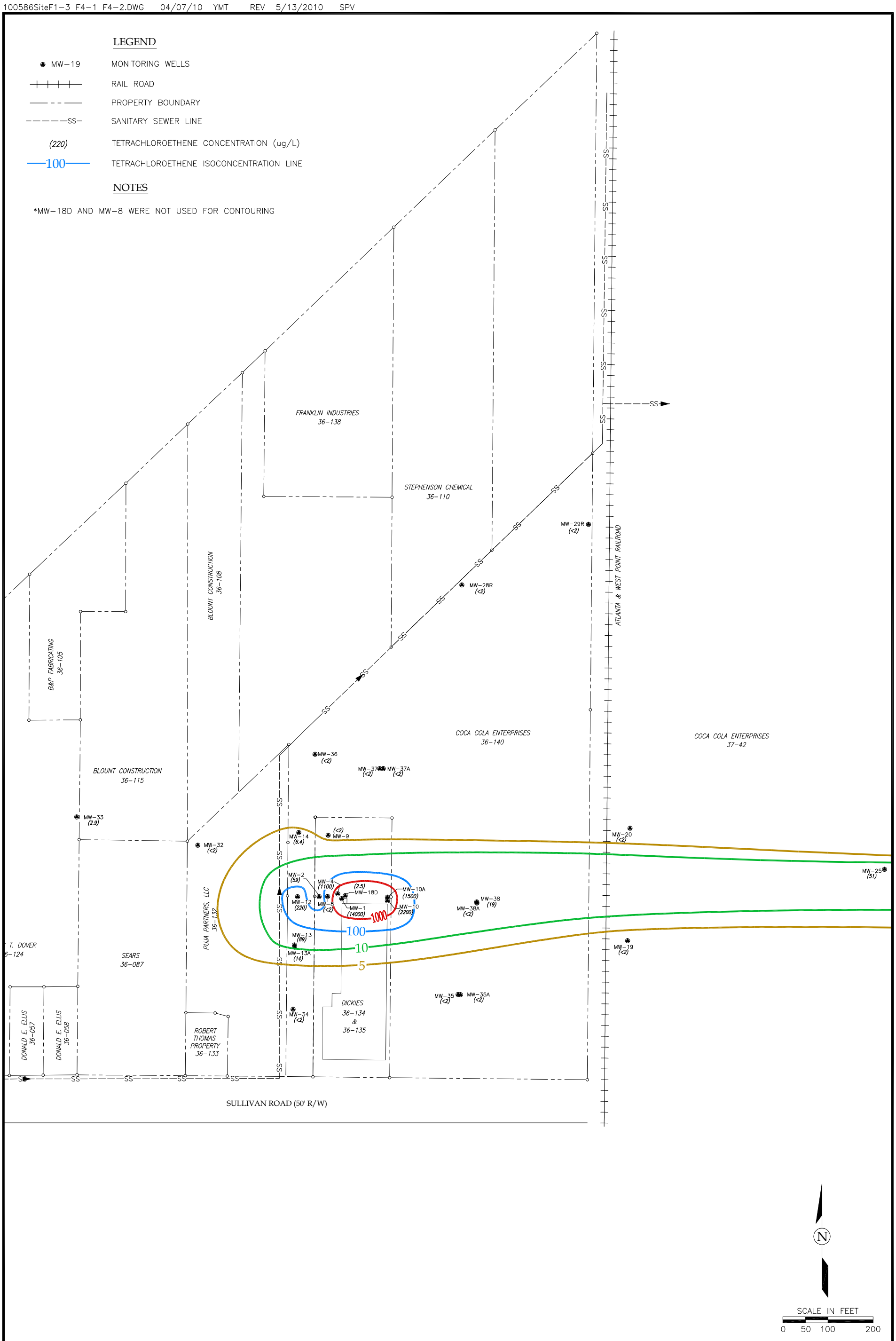


Environmental Resources Management

POTENTIOMETRIC SURFACE MAP - OCTOBER 2009
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

FIGURE
4-1

100586SiteF1-3 F4-1 F4-2.DWG 04/07/10 YMT REV 5/13/2010 SPV



Environmental Resources Management

TETRACHLOROETHENE CONCENTRATIONS - OCTOBER 2009
VOLUNTARY REMEDIATION PLAN
FORMER DICKIES INDUSTRIAL SERVICES, INC
COLLEGE PARK, GEORGIA

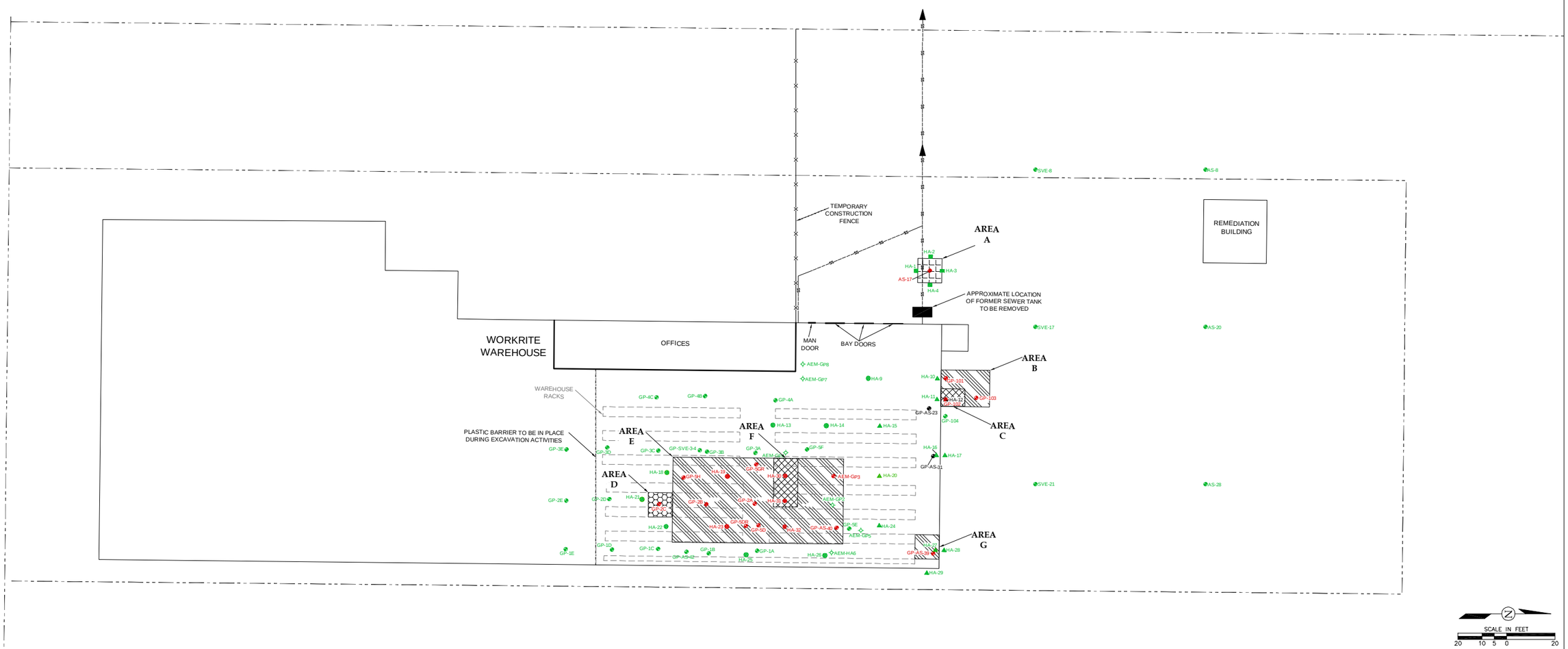
FIGURE
4-2

LEGEND

- GP-2E — VOC CONCENTRATION IS BELOW THE TYPE 4 RRS
- GP-2E — VOC CONCENTRATION EXCEEDS THE TYPE 4 RRS
- GP-AS-31 — SAMPLE POINT THAT WAS REPLACED BY A LATER SAMPLE IN THE SAME LOCATION
- PROPERTY LINE
- SS — SEWER LINE
- EXCAVATION TO 2 FEET
- EXCAVATION TO 4 FEET
- EXCAVATION TO 6 FEET
- EXCAVATION TO 8 FEET

ESTIMATED EXCAVATION QUANTITIES

Excavation Area ID	*Excavation Horizon (ft bgs)*	*Excavation Thickness (ft)*	*Surface Dimensions (ft x ft)*	*Surface Area (sq ft)*	*Bank Volume i.e. in-place volume (cubic yards)*	*Disposal Amount i.e. mass for T&D (tons)*
Area A	0 to 8	8	10 x 10	100	30	47
Area B	0 to 4	4	15 x 20	300	44	71
Area C	4 to 6	2	10 x 5	50	4	6
Area D	0 to 2	2	10 x 10	100	7	12
Area E	0 to 4	4	35 x 75	2625	389	622
Area F	4 to 6	2	10 x 20	200	15	24
Area G	0 to 4	4	10 x 10	100	15	24
WW TANK	0 to 8	8	10 x 15	150	44	71
10% CONTINGENCY	--	--	--	--	55	88
				TOTALS >>	**603**	**965**



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VOLUNTARY REMEDIATION PLAN

FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA

DRAWN BY Y. TACKETT	PROJECT ENGINEER S. THOMPSON
DESIGN ENGINEER L. DORMAN	PROJECT MANAGER S. THOMPSON

ERM

NOT FOR CONST-RUCTION

SOIL EXCAVATION PLAN

SCALE AS NOTED	DATE APRIL 6, 2010
PROJECT NO. 100586	AutoCAD 2007 100586 Site Figs.DWG

DRAWING NO. **5-1**

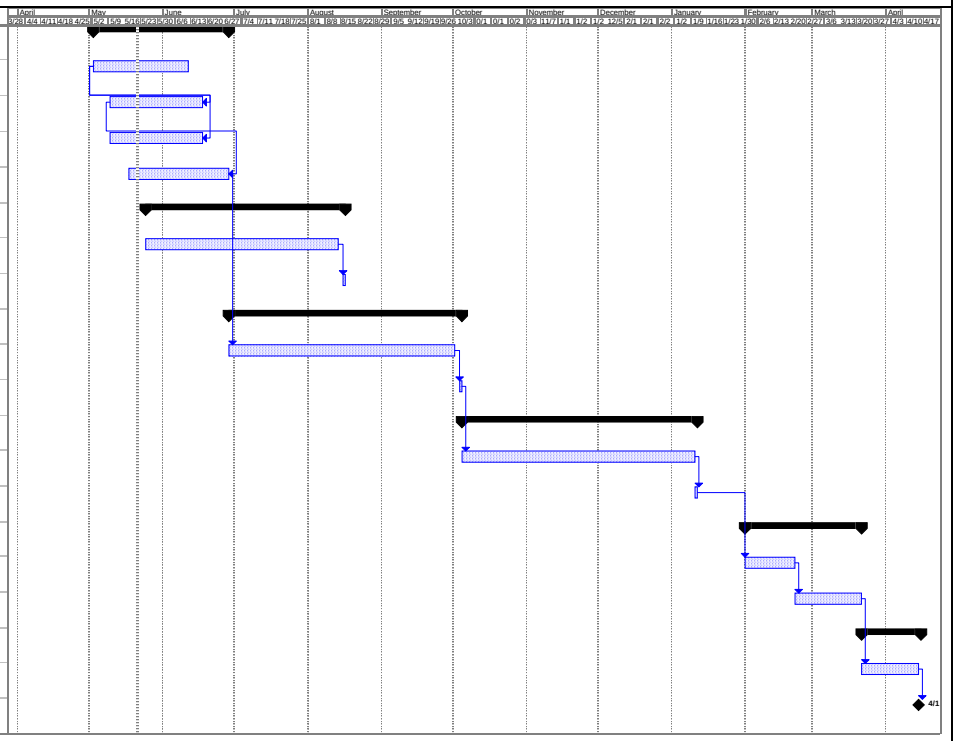
REV. NO. **0**

SHEET **1** OF **1**

100586Site.DWG 04/2010 VRP SPV REV 4/15/10

Figure 5-2
Milestone Schedule
Voluntary Remediation Plan
Former Dickies Industrial Services, Inc.
College Park, Georgia

ID	Task Name	Duration	Start	Finish	Predecessors
1	**Soil Excavation Activities**	**42 days**	**Mon 5/3/10**	**Mon 6/28/10**	
2	Soil Removal	31 days	Mon 5/3/10	Fri 6/11/10	
3	Transportation and Disposal (Jan 2010 TCLPs confirm non-haz)	30 days	Mon 5/10/10	Thu 6/17/10	2SF+6 days
4	Confirmation Sampling	30 days	Mon 5/10/10	Thu 6/17/10	2SF+6 days
5	Backfill	30 days	Tue 5/18/10	Mon 6/28/10	3SF+7 days
6	**EPD Review of VR Plan**	**60 days**	**Tue 5/25/10**	**Mon 8/16/10**	
7	EPD Review of VR Plan	59 days	Tue 5/25/10	Fri 8/13/10	
8	EPD Approval of VR Plan (estimated)	1 day	Mon 8/16/10	Mon 8/16/10	7
9	**Compliance Status Report (CSR)**	**70 days**	**Tue 6/29/10**	**Mon 10/4/10**	
10	ERM Preparation of CSR	69 days	Tue 6/29/10	Fri 10/1/10	5
11	CSR Submittal	1 day	Mon 10/4/10	Mon 10/4/10	10
12	**EPD Review of CSR for Soils**	**71 days**	**Tue 10/5/10**	**Tue 1/11/11**	
13	EPD Review of CSR for Soils	70 days	Tue 10/5/10	Mon 1/10/11	11
14	Anticipated Date that Williamson Dickie will receive approval from EPD on the CSR	1 day	Tue 1/11/11	Tue 1/11/11	13
15	**Remediation System and Monitoring Well Abandonment**	**35 days**	**Tue 2/1/11**	**Mon 3/21/11**	
16	Monitoring and Remediation Well Abandonment by Licensed Drilling Company	15 days	Tue 2/1/11	Mon 2/21/11	14FS+14 days
17	Ground Water Remediation System Decommissioning	20 days	Tue 2/22/11	Mon 3/21/11	16
18	**Letter Report to EPD Documenting System and Well Abandonment**	**19 days**	**Tue 3/22/11**	**Fri 4/15/11**	
19	ERM Preparation of Report Documenting System Decommissioning	18 days	Tue 3/22/11	Thu 4/14/11	17
20	Submittal of Letter Report Documenting Decommissioning	1 day	Fri 4/15/11	Fri 4/15/11	19



Project: Milestone Schedule
Date: Fri 5/21/10

Task | Split | Progress | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline

Voluntary Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION

COMPANY NAME	Dickies Industrial Services, Inc.				
CONTACT PERSON/TITLE	Joan B. Sasine, Attorney				
ADDRESS	Bryan Cave LLP, 1201 W. Peachtree Street, NW, 14th Floor, Atlanta, Georgia 30309				
PHONE	(404) 572-6647	**FAX**	(404) 572-6999	**E-MAIL**	joan.sasine@bryancave.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP

NAME	Shanna Thompson			**GA PE/PG NUMBER**	PE 031306
COMPANY	Environmental Resources Management				
ADDRESS	300 Chastain Center Boulevard, Suite 375, Kennesaw, Georgia 30144				
PHONE	(770) 590-8383	**FAX**	(770) 590-9164	**E-MAIL**	shanna.thompson@erm.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

(1) The property must have a release of regulated substances into the environment;
(2) The property shall not be:
- (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
- (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
- (C) A facility required to have a permit under Code Section 12-8-66.

(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

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

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE	Joan B Sasine		
APPLICANT'S NAME/TITLE (PRINT)	**Joan B. Sasine** **Attorney for Williamson-Dickie Manufacturing Company**	**DATE**	5-21-2010

QUALIFYING PROPERTY INFORMATION			
TAX PARCEL ID	13-0036-LL-134 and 13-0036-LL-135	PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS	1411 Sullivan Road		
CITY	College Park	COUNTY	Fulton
LATITUDE	33° 37' 32" N	LONGITUDE	84° 28' 11" W
PROPERTY OWNER(S)	Dickies Industrial Services, Inc.	PHONE #	(817) 810-5105
MAILING ADDRESS	319 Lipscomb		
CITY	Fort Worth	STATE/ZIP	Texas 76104

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	**$5,000 APPLICATION FEE** IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES.	Included with this Submittal	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	Appendix B of the VR Plan	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix C of the VR Plan	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	--	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application: (a) a graphic three-dimensional preliminary conceptual site model (CSM) (b) including a preliminary remediation plan (c) with a table of delineation standards, (d) brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, (e) the known or suspected source(s) of contamination, how contamination might move within the environment, (f) the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; The preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; (g) a **PROJECTED MILESTONE SCHEDULE** for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the milestone schedule.	(a) Figures 3-1, 3-2, and 3-3 (b) Section 5 of text and Figure 5-1 (c) Table 1-2 (d) Sections 3 and 4 of text. Tables 3-1, 4-1, 4-2, and 4-3. Figures 1-1, 1-2, 1-3, 4-1 and 4-2 (e) Section 1 of text (f) Section 1 of text and Figure 1-4 (g) Milestone Schedule is Figure 5-1	

	The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	**Will be finalized following excavation, as shown in Fig. 5-1**	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	**n/a**	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	**Vertical Delineation demonstrated in Table 3-1 and Figures 3-2 and 3-3**	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	**Milestone is included in Fig. 5-1**	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION** AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Shanna Thompson PE031306 — Printed Name and GA PE/PG Number 5/21/2010 — Date Signature and Stamp GEORGIA REGISTERED No. 031306 PROFESSIONAL ENGINEER SHANNA L. THOMPSON	**Section 6**	

GEORGIA Fulton County Clerk's Office Superior Court
Filed & Recorded Apr 29, 1991 at 4:24 Juanita Hicks CLERK

Fulton County, Georgia
Real Estate Transfer Tax
Paid $ 65.00
Date APR 29 1991
JUANITA HICKS
Clerk, Superior Court
By: Deputy Clerk

STATE OF GEORGIA

COUNTY OF FULTON

LIMITED WARRANTY DEED

THIS INDENTURE is made this 25th day of April, 1991 by and between ROBERT H. BROOKS, hereinafter called "Grantor" and DICKIES INDUSTRIAL SERVICES, INC., hereinafter called "Grantee".

W I T N E S S E T H :

FOR AND IN CONSIDERATION of the sum of Ten Dollars ($10.00) in hand paid to Grantor by Grantee at and before the execution, sealing and delivery hereof, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto Grantee, and the heirs, successors, legal representatives and assigns of Grantee:

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 36 of the 13th District, Fulton County, Georgia, containing 0.683 acres as shown on that plat of survey for Dickies Industrial Services, Inc., prepared by A.S. Giometti & Associates, Inc., Registered Land Surveyor, dated April 17, 1991 and being more particularly described as follows:

To find the true point of beginning, begin at a concrete monument found at the intersection of the easterly line of Land Lot 36 and the northerly right-of-way of Sullivan Road (50 foot right-of-way); thence north 89 degrees 10 minutes 30 seconds west along the northerly right-of-way of Sullivan Road 608.30 feet to an iron pin; thence north 00 degrees 42 minutes 18 seconds east 400.00 feet to an iron pin, said iron pin being the TRUE POINT OF BEGINNING; thence north 00 degrees 42 minutes 18 seconds east 175.00 feet to an iron pin; thence south 89 degrees 10 minutes 29 seconds east 170.00 feet to an iron pin; thence south 00 degrees 42 minutes 18 seconds west 175.00 feet to an iron pin; thence north 89 degrees 10 minutes 29 seconds west 170.00 feet to an iron pin, said iron pin being the TRUE POINT OF BEGINNING.

In consideration of the execution and delivery of this Limited Warranty Deed, Grantee covenants for itself, its successors and assigns, that it will construct, and thereafter keep and maintain, curbing, guttering and/or other improvements on the west side of the above described property, and the west side of other property owned by the Grantee contiguous to the property owned by the Grantor (the "Other Property"), to prevent the flow of water and run-off of any kind whatsoever from the above described property and the Grantee's other property, to the Other Property, at the Grantee's sole expense; said improvements shall be initially constructed at the same time as any new building is constructed on the above described property.

Grantee further covenants for itself, its successors and assigns, that the above described property will not be used for a wastewater treatment facility.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of all persons owning, holding or claiming by, through or under Grantor.

IN WITNESS WHEREOF, Grantor has executed this indenture and delivered this indenture to Grantee, all the day and year first written above.

GRANTOR:

Robert H. Brooks [SEAL]
ROBERT H. BROOKS

Sworn to and subscribed before me
this 25 day of April, 1991.

Notary Public

Martha M. Cox
Unofficial Witness

Notary Public, Union County, Ga. At
My Commission Expires April 11 1992

N.P.
SEAL

GEORGIA, FULTON COUNTY
FILED AND RECORDED

91 NOV -6 AM 8:30

CLERK, SUPERIOR COURT

Fulton County, Georgia
Real Estate Transfer Tax
Paid $ None
Date 11-6-91
By

WARRANTY DEED

STATE OF GEORGIA §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF FULTON §

That WILLIAMSON-DICKIE MANUFACTURING COMPANY, a Texas Corporation ("Grantor"), for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, receipt of which is hereby acknowledged, does hereby grant, sell, and convey unto DICKIES INDUSTRIAL SERVICES, INC., a Texas Corporation, 319 Lipscomb, Fort Worth, Texas 76104 ("Grantee") the following-described tract of land in Fulton County, Georgia:

> All that tract or parcel of land lying and being in Land Lot 36 of the 13th District, Fulton County, Georgia, and being more particularly described as follows:
>
> Beginning at a 2" iron pipe set that is located 185.78 feet north of a ½" reinforcing rod corner on the northerly right-of-way line of Sullivan Road, a public road having a 50-foot right-of-way, said corner being located 437.56 feet westerly, as measured along said right-of-way line, from its intersection with the east line of land lot 36; thence running north 214.20 feet to a ¾" iron pipe; thence running west 170.14 feet to an iron pin; thence running south 213.60 feet to a 2" iron pipe set; thence running east 169.94 feet to the 2" iron pipe set at the point of beginning.
>
> Together with an easement for ingress and egress 60 feet in width running north 399.98 feet from Sullivan Road along the western adjacent line of the above described property and the contiguous property to the south owned by Dickies Industrial Services, Inc.

together with all and singular the rights and appurtenances thereto in any wise belonging, to have and to hold it to Grantee, its successors and assigns forever, in fee simple. Grantor binds itself and its successors to warrant and forever defend all and singular the property to Grantee and its successors and assigns

against every person whomsoever lawfully claiming or to claim the same or any part thereof.

SIGNED as of this 28th day of September, 1990.

WILLIAMSON-DICKIE MANUFACTURING COMPANY

By: _____
Frank E. Brock,
Secretary/Treasurer

WITNESSES:

_____

_____
Notary Public

JUNE GRUBB
Notary Public
STATE OF TEXAS
My Comm. Exp. 9/30/92

After recording return to:

JAMES L. STRIPLING
Decker, Jones, McMackin,
McClane, Hall & Bates
2400 City Center II
301 Commerce Street
Fort Worth, Texas 76102

\3300-08.026\10.D

BOOK 14730 PAGE 334

Parcel Query Results	PIN:13 0036 LL135	Address	Owner	More
	13 0036 LL135	2411 SULLIVAN RD REAR	DICKIES INDUSTRIAL SERVS INC	
Parcel Query Results	PIN:13 0036 LL134	Address	Owner	More
	13 0036 LL134	2411 SULLIVAN RD	DICKIES IND SERVICES INC	

SCALE

LEGEND

Applicant's Tax Parcels

ERM Environmental Resources Management	TAX PARCEL MAP VOLUNTARY REMEDIAITON PLAN FORMER DICKIES INDUSTRIAL SERVICES, INC. COLLEGE PARK, GEORGIA	FIGURE C-1

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Mr. Jeff Bilkert

Report Number: ASE0494
May 15, 2009
Project: Williamson Dickies/GA
Project #:100586
P.O. No. 100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-01	ASE0494-01	Water	05/14/09 00:00	05/14/09 16:35
HA-1-3'	ASE0494-02	Soil	05/14/09 09:50	05/14/09 16:35
HA-1-6'	ASE0494-03	Soil	05/14/09 10:05	05/14/09 16:35
HA-2-3'	ASE0494-04	Soil	05/14/09 10:34	05/14/09 16:35
HA-2-6'	ASE0494-05	Soil	05/14/09 10:50	05/14/09 16:35
HA-3-3'	ASE0494-06	Soil	05/14/09 12:45	05/14/09 16:35
HA-3-6'	ASE0494-07	Soil	05/14/09 12:55	05/14/09 16:35
HA-4-3'	ASE0494-08	Soil	05/14/09 13:10	05/14/09 16:35
HA-4-6'	ASE0494-09	Soil	05/14/09 13:20	05/14/09 16:35

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May 15, 2009

Case Narrative

VOC Analysis by Method 5035/8260:

Analysis for Tetrachloroethene for sample ASE0494-02 (HA-1-3') was performed from sample aliquot preserved at the laboratory. Sample was originally analyzed from the field preserved aliquot but required reanalysis due to carry over of Tetrachloroethene from the previous sample, and reanalysis from the second field preserved vial failed to purge. Tetrachloroethene was not detected at levels equal to or greater than the reporting limit; data was not affected.

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Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Client ID: TB-01

Date/Time Sampled: 05/14/2009 12:00:00AM

Matrix: Water

Lab Number ID: ASE0494-01

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	05/14/09 16:00	05/14/09 19:06	A905382	MP
Surrogate: Dibromofluoromethane	*98 %*	*85-116*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	
Surrogate: 1,2-Dichloroethane-d4	*90 %*	*78-125*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			05/14/09 16:00	05/14/09 19:06	*A905382*	

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May 15, 2009

Report No.: ASE0494
Client ID: HA-1-3'
Date/Time Sampled: 05/14/2009 9:50:00AM
Matrix: Soil

Lab Number ID: ASE0494-02
Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	80.7	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
cis-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
Tetrachloroethene	ND	4.6	ug/kg dry	EPA 8260B	CN	1	05/15/09 14:00	05/15/09 15:09	A905376	SMH
Trichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 19:32	A905376	SMH
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: Dibromofluoromethane	*100 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*104 %*	*71-135*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/15/09 14:00	05/15/09 15:09	*A905376*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 19:32	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-1-6'

Date/Time Sampled: 05/14/2009 10:05:00AM

Matrix: Soil

Lab Number ID: ASE0494-03

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	78.6	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Tetrachloroethene	47	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:16	A905376	SMH
Surrogate: Dibromofluoromethane	*100 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:16	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-2-3'

Date/Time Sampled: 05/14/2009 10:34:00AM

Matrix: Soil

Lab Number ID: ASE0494-04

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	83.2	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
cis-1,2-Dichloroethene	35	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
Tetrachloroethene	170	100	ug/kg dry	EPA 8260B		50	05/15/09 11:00	05/15/09 12:28	A905376	SMH
Trichloroethene	5.6	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 23:48	A905376	SMH
Surrogate: Dibromofluoromethane	*98 %*	*73-123*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*71-135*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/15/09 11:00	05/15/09 12:28	*A905376*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 23:48	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-2-6'

Date/Time Sampled: 05/14/2009 10:50:00AM

Matrix: Soil

Lab Number ID: ASE0494-05

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.4	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Tetrachloroethene	65	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:20	A905376	SMH
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:20	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-3-3'

Date/Time Sampled: 05/14/2009 12:45:00PM

Matrix: Soil

Lab Number ID: ASE0494-06

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	76.8	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
cis-1,2-Dichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
trans-1,2-Dichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Tetrachloroethene	24	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Trichloroethene	ND	6.4	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Vinyl Chloride	ND	13	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 00:53	A905376	SMH
Surrogate: Dibromofluoromethane	*100 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 00:53	*A905376*	

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Report No.: ASE0494

Client ID: HA-3-6'

Date/Time Sampled: 05/14/2009 12:55:00PM

Matrix: Soil

Lab Number ID: ASE0494-07

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	82.3	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
cis-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Tetrachloroethene	15	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:25	A905376	SMH
Surrogate: Dibromofluoromethane	*103 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:25	*A905376*	

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May 15, 2009

Report No.: ASE0494

Client ID: HA-4-3'

Date/Time Sampled: 05/14/2009 1:10:00PM

Matrix: Soil

Lab Number ID: ASE0494-08

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	81.5	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
cis-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
Tetrachloroethene	130	100	ug/kg dry	EPA 8260B		50	05/15/09 11:00	05/15/09 13:00	A905376	SMH
Trichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/15/09 01:57	A905376	SMH
Surrogate: Dibromofluoromethane	*97 %*	*73-123*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*71-135*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	
Surrogate: Toluene-d8	*98 %*	*67-124*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/15/09 11:00	05/15/09 13:00	*A905376*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 01:57	*A905376*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Client ID: HA-4-6'

Date/Time Sampled: 05/14/2009 1:20:00PM

Matrix: Soil

Lab Number ID: ASE0494-09

Date/Time Received: 05/14/2009 4:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.8	0.10	% by Weight	SOP Moisture		1	05/14/09 17:15	05/14/09 17:15	A905390	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
cis-1,2-Dichloroethene	27	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
Tetrachloroethene	290	280	ug/kg dry	EPA 8260B		50	05/14/09 18:00	05/15/09 03:01	A905376	SMH
Trichloroethene	10	5.0	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
Vinyl Chloride	ND	9.9	ug/kg dry	EPA 8260B		1	05/14/09 18:00	05/14/09 18:59	A905376	SMH
Surrogate: Dibromofluoromethane	*96 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	
Surrogate: Dibromofluoromethane	*99 %*	*73-123*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*71-135*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/14/09 18:59	*A905376*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/14/09 18:00	05/15/09 03:01	*A905376*	

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May 15, 2009

Report No.: ASE0494

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905390 - % Solids										
Duplicate (A905390-DUP1)		**Source: ASE0494-03**			Prepared & Analyzed: 05/14/09					
% Solids	79.4	0.10	% by Weight		78.6			1	12	

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May 15, 2009

Report No.: ASE0494

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905376 - EPA 5035										
Blank (A905376-BLK1)					Prepared & Analyzed: 05/14/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
Surrogate: Dibromofluoromethane	*50*		*ug/kg*	*50.000*		*101*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*52*		*ug/kg*	*50.000*		*104*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*97*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Blank (A905376-BLK2)					Prepared & Analyzed: 05/15/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
Surrogate: Dibromofluoromethane	*49*		*ug/kg*	*50.000*		*98*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/kg*	*50.000*		*103*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*103*	*63-150*			
LCS (A905376-BS1)					Prepared & Analyzed: 05/14/09					
Benzene	41		ug/kg	50.000		83	80-117			
Chlorobenzene	43		ug/kg	50.000		86	83-110			
1,1-Dichloroethene	39		ug/kg	50.000		78	70-116			
Toluene	42		ug/kg	50.000		84	78-107			
Trichloroethene	45		ug/kg	50.000		89	74-125			
Surrogate: Dibromofluoromethane	*49*		*ug/kg*	*50.000*		*98*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/kg*	*50.000*		*101*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			

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Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905376 - EPA 5035										
Matrix Spike (A905376-MS1)	**Source: ASE0494-02**				Prepared & Analyzed: 05/15/09					
Benzene	41		ug/kg	50.000	ND	82	66-116			
Chlorobenzene	43		ug/kg	50.000	ND	86	52-117			
1,1-Dichloroethene	40		ug/kg	50.000	ND	79	54-121			
Toluene	40		ug/kg	50.000	0.1	81	46-124			
Trichloroethene	44		ug/kg	50.000	0.8	86	59-122			
Surrogate: Dibromofluoromethane	*48*		*ug/kg*	*50.000*		*97*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/kg*	*50.000*		*101*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*97*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Matrix Spike Dup (A905376-MSD1)	**Source: ASE0494-02**				Prepared & Analyzed: 05/14/09					
Benzene	45		ug/kg	50.000	ND	90	66-116	10	41	
Chlorobenzene	45		ug/kg	50.000	ND	90	52-117	5	46	
1,1-Dichloroethene	42		ug/kg	50.000	ND	84	54-121	6	57	
Toluene	45		ug/kg	50.000	0.1	90	46-124	10	61	
Trichloroethene	48		ug/kg	50.000	0.8	94	59-122	10	49	
Surrogate: Dibromofluoromethane	*50*		*ug/kg*	*50.000*		*100*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/kg*	*50.000*		*101*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*101*	*63-150*			
Batch A905382 - EPA 5030B										
Blank (A905382-BLK1)					Prepared & Analyzed: 05/14/09					
1,1-Dichloroethene	ND	3.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
Tetrachloroethene	ND	5.0	ug/L							
Trichloroethene	ND	5.0	ug/L							
Vinyl Chloride	ND	3.0	ug/L							
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*44*		*ug/L*	*50.000*		*88*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*47*		*ug/L*	*50.000*		*94*	*87-123*			

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Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Report No.: ASE0494

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905382 - EPA 5030B										
LCS (A905382-BS1)					Prepared & Analyzed: 05/14/09					
Benzene	45		ug/L	50.000		90	80-119			
Chlorobenzene	43		ug/L	50.000		86	83-111			
1,1-Dichloroethene	43		ug/L	50.000		85	77-121			
Toluene	46		ug/L	50.000		91	78-113			
Trichloroethene	50		ug/L	50.000		100	82-122			
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*97*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*45*		*ug/L*	*50.000*		*91*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*97*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
Matrix Spike (A905382-MS1)		**Source: ASE0420-01**			Prepared & Analyzed: 05/14/09					
Benzene	42		ug/L	50.000	0.02	84	82-123			
Chlorobenzene	41		ug/L	50.000	ND	83	75-119			
1,1-Dichloroethene	39		ug/L	50.000	ND	79	79-119			
Toluene	43		ug/L	50.000	0.08	86	80-114			
Trichloroethene	48		ug/L	50.000	ND	97	81-125			
Surrogate: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*43*		*ug/L*	*50.000*		*87*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*46*		*ug/L*	*50.000*		*93*	*87-123*			
Matrix Spike Dup (A905382-MSD1)		**Source: ASE0420-01**			Prepared & Analyzed: 05/14/09					
Benzene	47		ug/L	50.000	0.02	94	82-123	11	9	QR-02
Chlorobenzene	46		ug/L	50.000	ND	91	75-119	10	13	
1,1-Dichloroethene	44		ug/L	50.000	ND	89	79-119	12	9	QR-02
Toluene	48		ug/L	50.000	0.08	95	80-114	10	9	QR-02
Trichloroethene	53		ug/L	50.000	ND	106	81-125	9	11	
Surrogate: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*44*		*ug/L*	*50.000*		*89*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

May 15, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009

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Attention: Mr. Jeff Bilkert

May 15, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries.

CN See Case Narrative for further details.

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092
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May 15, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Mr. Jeff Bilkert

163975

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: ERM
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Center Blvd Ste 375 Kennesaw GA (770) 590 8383 fax 770-590-9164
REPORT TO: Jeff Bilkert
CC:
REQUESTED COMPLETION DATE: 24hr turnaround 5/15/09
PO #:
PROJECT NAME/STATE: Williamson Dickies / GA
PROJECT #: 100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260B - see analyte list	8260B - see analyte list	LAB ID NUMBER
						CONTAINER TYPE		PV	
						PRESERVATION			
		W		V	TB-01	3			1
5/14/09	0950	S			HA-1-3'			4	2
5/14/09	1005	S			HA-1-6'			4	3
5/14/09	1034	S			HA-2-3'			4	4
5/14/09	1050	S			HA-2-6'			4	5
5/14/09	1245	S			HA-3-3'			4	6
5/14/09	1255	S			HA-3-6'			4	7
5/14/09	1310	S			HA-4-3'			4	8
5/14/09	1320	S			HA-4-6'			4	9

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION

1 Analyte list 1,1-dichloroethane,
2 Cis-1,2-dichloroethane,
3 Trans-1,2-dichloroethane,
4 Tetrachloroethane,
5 Trichloroethane, and
6 Vinyl chloride
7
8
9

SAMPLED BY AND TITLE: Don Dowling — DATE/TIME: 5/14/09
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 5/14/09 1637
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY LAB: — DATE/TIME: 5/15/09 1635
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
pH: — Labeled Preserved — Ice (Yes or No) — Temperature: 5C — Custody Seal: Intact Broken Missing — Cooler #

FOR LAB USE ONLY
LAB #: ASE0494
In-house location: VA5
Entered Into LIMS:

Please use Black Ink to complete form.

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 05/15/2009 5:21:44PM**

Attn: Mr. Jeff Bilkert

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 05/14/09 16:35

Work Order: ASE0494
Logged In By: Charles Hawks

NPDES:

OBSERVATIONS

#Samples: 9 **#Containers:** 35

Minimum Temp(C): 5.0 **Maximum Temp(C):** 5.0 **Custody Seal(s):**

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASE0515
May 28, 2009
Project: Williamson Dickies/GA
Project #:0100586
P.O. No. 0100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-9	ASE0515-01	Soil	05/13/09 14:00	05/15/09 13:45
HA-10	ASE0515-02	Soil	05/14/09 10:00	05/15/09 13:45
HA-11	ASE0515-03	Soil	05/14/09 10:30	05/15/09 13:45
HA-13	ASE0515-05	Soil	05/13/09 14:45	05/15/09 13:45
HA-14	ASE0515-06	Soil	05/14/09 15:30	05/15/09 13:45
HA-15	ASE0515-07	Soil	05/14/09 09:15	05/15/09 13:45
HA-16	ASE0515-08	Soil	05/14/09 11:05	05/15/09 13:45
HA-18	ASE0515-10	Soil	05/15/09 10:00	05/15/09 13:45
HA-19	ASE0515-11	Soil	05/15/09 10:30	05/15/09 13:45
HA-20	ASE0515-12	Soil	05/14/09 12:45	05/15/09 13:45
HA-21	ASE0515-13	Soil	05/14/09 15:30	05/15/09 13:45
HA-22	ASE0515-14	Soil	05/14/09 15:15	05/15/09 13:45
HA-23	ASE0515-15	Soil	05/14/09 14:55	05/15/09 13:45
HA-24	ASE0515-16	Soil	05/14/09 13:25	05/15/09 13:45
HA-25	ASE0515-17	Soil	05/14/09 14:30	05/15/09 13:45
HA-26	ASE0515-18	Soil	05/14/09 13:55	05/15/09 13:45
HA-27	ASE0515-19	Soil	05/14/09 13:00	05/15/09 13:45
TB-02	ASE0515-28	Water	05/13/09 00:00	05/15/09 13:45

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-9

Date/Time Sampled: 05/13/2009 2:00:00PM

Matrix: Soil

Lab Number ID: ASE0515-01

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.2	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
cis-1,2-Dichloroethene	5.3	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Tetrachloroethene	17	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Trichloroethene	21	4.6	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
1,4-Dioxane	ND	460	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 14:41	A905473	GCN
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 14:41	*A905473*	

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-10

Date/Time Sampled: 05/14/2009 10:00:00AM

Matrix: Soil

Lab Number ID: ASE0515-02

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.0	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
cis-1,2-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
trans-1,2-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Tetrachloroethene	29	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Trichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Vinyl Chloride	ND	9.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
1,4-Dioxane	ND	480	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:14	A905473	GCN
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:14	*A905473*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-11

Date/Time Sampled: 05/14/2009 10:30:00AM

Matrix: Soil

Lab Number ID: ASE0515-03

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.3	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
cis-1,2-Dichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
trans-1,2-Dichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Tetrachloroethene	31	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Trichloroethene	ND	4.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Vinyl Chloride	ND	8.5	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
1,4-Dioxane	ND	420	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 15:46	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 15:46	*A905473*	

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-13

Date/Time Sampled: 05/13/2009 2:45:00PM

Matrix: Soil

Lab Number ID: ASE0515-05

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.5	0.11	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
cis-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
trans-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Tetrachloroethene	42	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Trichloroethene	18	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
1,4-Dioxane	ND	540	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 16:18	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*112 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 16:18	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-14

Date/Time Sampled: 05/14/2009 3:30:00PM

Matrix: Soil

Lab Number ID: ASE0515-06

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	87.3	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
cis-1,2-Dichloroethene	59	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Tetrachloroethene	32	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Trichloroethene	91	5.0	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Vinyl Chloride	ND	9.9	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
1,4-Dioxane	ND	500	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 17:54	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 17:54	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-15

Date/Time Sampled: 05/14/2009 9:15:00AM

Matrix: Soil

Lab Number ID: ASE0515-07

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	82.9	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
cis-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Tetrachloroethene	5.6	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
1,4-Dioxane	ND	520	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:26	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:26	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-16

Date/Time Sampled: 05/14/2009 11:05:00AM

Matrix: Soil

Lab Number ID: ASE0515-08

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	85.0	0.11	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
cis-1,2-Dichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
trans-1,2-Dichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Tetrachloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Trichloroethene	ND	4.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Vinyl Chloride	ND	9.3	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
1,4-Dioxane	ND	470	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 18:58	A905473	GCN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 18:58	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-18

Date/Time Sampled: 05/15/2009 10:00:00AM

Matrix: Soil

Lab Number ID: ASE0515-10

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	87.1	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
cis-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
trans-1,2-Dichloroethene	ND	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Tetrachloroethene	85	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Trichloroethene	7.4	5.4	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
1,4-Dioxane	ND	540	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 19:30	A905473	GCN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 19:30	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-19

Date/Time Sampled: 05/15/2009 10:30:00AM

Matrix: Soil

Lab Number ID: ASE0515-11

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	88.1	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
cis-1,2-Dichloroethene	24	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
trans-1,2-Dichloroethene	ND	4.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
Tetrachloroethene	13000	1000	ug/kg dry	EPA 8260B		200	05/21/09 13:30	05/21/09 15:00	A905473	GCN
Trichloroethene	2500	250	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 18:09	A905473	GCN
Vinyl Chloride	ND	9.7	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
1,4-Dioxane	ND	480	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:02	A905473	GCN
Surrogate: Dibromofluoromethane	*102 %*	*73-123*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*71-135*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*108 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:09	*A905473*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:00	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:02	*A905473*	

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: HA-20

Date/Time Sampled: 05/14/2009 12:45:00PM

Matrix: Soil

Lab Number ID: ASE0515-12

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.7	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
cis-1,2-Dichloroethene	ND	5.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
trans-1,2-Dichloroethene	ND	5.8	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
Tetrachloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 13:53	A905473	GCN
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 13:53	A905473	GCN
Vinyl Chloride	ND	12	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
1,4-Dioxane	ND	580	ug/kg dry	EPA 8260B		1	05/19/09 13:00	05/19/09 20:34	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*63-150*		*EPA 8260B*			05/19/09 13:00	05/19/09 20:34	*A905473*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 13:53	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-21

Date/Time Sampled: 05/14/2009 3:30:00PM

Matrix: Soil

Lab Number ID: ASE0515-13

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	87.7	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
Tetrachloroethene	230	100	ug/kg dry	EPA 8260B		50	05/21/09 13:30	05/21/09 15:32	A905473	GCN
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
1,4-Dioxane	ND	560	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:01	A905473	GCN
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: Dibromofluoromethane	*107 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*106 %*	*71-135*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/21/09 13:30	05/21/09 15:32	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:01	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-22

Date/Time Sampled: 05/14/2009 3:15:00PM

Matrix: Soil

Lab Number ID: ASE0515-14

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	86.6	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Tetrachloroethene	23	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
1,4-Dioxane	ND	560	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 16:33	A905473	GCN
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 16:33	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-23

Date/Time Sampled: 05/14/2009 2:55:00PM

Matrix: Soil

Lab Number ID: ASE0515-15

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.5	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.1	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
cis-1,2-Dichloroethene	ND	5.1	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
trans-1,2-Dichloroethene	ND	5.1	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
Tetrachloroethene	5700	310	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 17:37	A905473	GCN
Trichloroethene	600	310	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 17:37	A905473	GCN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
1,4-Dioxane	ND	510	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 19:13	A905473	GCN
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*105 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:37	*A905473*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 19:13	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-24

Date/Time Sampled: 05/14/2009 1:25:00PM

Matrix: Soil

Lab Number ID: ASE0515-16

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.5	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
cis-1,2-Dichloroethene	180	92	ug/kg dry	EPA 8260B		50	05/20/09 12:30	05/20/09 17:05	A905473	GCN
trans-1,2-Dichloroethene	61	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Tetrachloroethene	ND	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Trichloroethene	100	4.4	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Vinyl Chloride	ND	8.8	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
1,4-Dioxane	ND	440	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 18:41	A905473	GCN
Surrogate: Dibromofluoromethane	*101 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*107 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 17:05	*A905473*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 18:41	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-25

Date/Time Sampled: 05/14/2009 2:30:00PM

Matrix: Soil

Lab Number ID: ASE0515-17

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	89.0	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
cis-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Tetrachloroethene	85	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Trichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
1,4-Dioxane	ND	460	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:25	A905473	GCN
Surrogate: Dibromofluoromethane	*104 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*116 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	
Surrogate: 4-Bromofluorobenzene	*106 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:25	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-26

Date/Time Sampled: 05/14/2009 1:55:00PM

Matrix: Soil

Lab Number ID: ASE0515-18

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	85.9	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
cis-1,2-Dichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
trans-1,2-Dichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Tetrachloroethene	20	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Trichloroethene	ND	5.5	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
1,4-Dioxane	ND	550	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 14:57	A905473	GCN
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 14:57	*A905473*	

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May 28, 2009

Report No.: ASE0515

Client ID: HA-27

Date/Time Sampled: 05/14/2009 1:00:00PM

Matrix: Soil

Lab Number ID: ASE0515-19

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.4	0.10	% by Weight	SOP Moisture		1	05/18/09 14:15	05/18/09 14:15	A905431	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Tetrachloroethene	12	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Trichloroethene	ND	5.6	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Vinyl Chloride	ND	11	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
1,4-Dioxane	ND	560	ug/kg dry	EPA 8260B		1	05/20/09 12:30	05/20/09 15:29	A905473	GCN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*71-135*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	
Surrogate: Toluene-d8	*95 %*	*67-124*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/20/09 12:30	05/20/09 15:29	*A905473*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Client ID: TB-02

Date/Time Sampled: 05/13/2009 12:00:00AM

Matrix: Water

Lab Number ID: ASE0515-28

Date/Time Received: 05/15/2009 1:45:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	05/18/09 13:00	05/18/09 14:11	A905447	SMH
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	
Surrogate: 1,2-Dichloroethane-d4	*108 %*	*78-125*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	
Surrogate: Toluene-d8	*96 %*	*87-113*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			05/18/09 13:00	05/18/09 14:11	*A905447*	

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May 28, 2009

Report No.: ASE0515

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905431 - % Solids										
Duplicate (A905431-DUP1)		**Source: ASE0515-16**			Prepared & Analyzed: 05/18/09					
% Solids	84.4	0.10	% by Weight		84.5			0.2	12	

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May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905447 - EPA 5030B										
Blank (A905447-BLK1)					Prepared & Analyzed: 05/18/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*103*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*55*		*ug/L*	*50.000*		*110*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*97*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*101*	*87-123*			
Blank (A905447-BLK2)					Prepared & Analyzed: 05/19/09					
1,1-Dichloroethene	ND	0.5	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	0.5	ug/L							
Vinyl Chloride	ND	0.5	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*101*	*87-123*			
LCS (A905447-BS1)					Prepared & Analyzed: 05/18/09					
Benzene	45		ug/L	50.000		90	80-119			
Chlorobenzene	47		ug/L	50.000		93	83-111			
1,1-Dichloroethene	44		ug/L	50.000		88	77-121			
Toluene	44		ug/L	50.000		88	78-113			
Trichloroethene	48		ug/L	50.000		96	82-122			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			

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May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905447 - EPA 5030B										
Matrix Spike (A905447-MS1)	**Source: ASE0474-14**				Prepared & Analyzed: 05/18/09					
Benzene	48		ug/L	50.000	ND	97	82-123			
Chlorobenzene	51		ug/L	50.000	0.7	101	75-119			
1,1-Dichloroethene	42		ug/L	50.000	0.4	83	79-119			
Toluene	48		ug/L	50.000	ND	96	80-114			
Trichloroethene	51		ug/L	50.000	0.1	101	81-125			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*87-123*			
Matrix Spike Dup (A905447-MSD1)	**Source: ASE0474-14**				Prepared & Analyzed: 05/18/09					
Benzene	45		ug/L	50.000	ND	90	82-123	7	9	
Chlorobenzene	48		ug/L	50.000	0.7	95	75-119	6	13	
1,1-Dichloroethene	37		ug/L	50.000	0.4	73	79-119	12	9	QM-07, QR-04
Toluene	46		ug/L	50.000	ND	91	80-114	5	9	
Trichloroethene	49		ug/L	50.000	0.1	97	81-125	4	11	
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*53*		*ug/L*	*50.000*		*106*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			
Batch A905473 - EPA 5035										
Blank (A905473-BLK1)					Prepared & Analyzed: 05/19/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*106*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*55*		*ug/kg*	*50.000*		*110*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*94*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*100*	*63-150*			

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905473 - EPA 5035										
Blank (A905473-BLK2)					Prepared & Analyzed: 05/20/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	2.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*106*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*58*		*ug/kg*	*50.000*		*117*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Blank (A905473-BLK3)					Prepared & Analyzed: 05/21/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	2.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*105*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*56*		*ug/kg*	*50.000*		*112*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*100*	*63-150*			
LCS (A905473-BS1)					Prepared & Analyzed: 05/19/09					
Benzene	42		ug/kg	50.000		84	80-117			
Chlorobenzene	43		ug/kg	50.000		86	83-110			
1,1-Dichloroethene	42		ug/kg	50.000		83	70-116			
Toluene	41		ug/kg	50.000		83	78-107			
Trichloroethene	45		ug/kg	50.000		89	74-125			
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*102*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*54*		*ug/kg*	*50.000*		*107*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*101*	*63-150*			

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0515

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905473 - EPA 5035										
Matrix Spike (A905473-MS1)	**Source: ASE0515-05**			Prepared & Analyzed: 05/21/09						
Benzene	44		ug/kg	50.000	ND	89	66-116			
Chlorobenzene	48		ug/kg	50.000	0.5	94	52-117			
1,1-Dichloroethene	41		ug/kg	50.000	ND	81	54-121			
Toluene	44		ug/kg	50.000	ND	89	46-124			
Trichloroethene	49		ug/kg	50.000	15	68	59-122			
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*103*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*55*		*ug/kg*	*50.000*		*110*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*101*	*63-150*			
Matrix Spike Dup (A905473-MSD1)	**Source: ASE0515-05**			Prepared & Analyzed: 05/21/09						
Benzene	44		ug/kg	50.000	ND	88	66-116	1	41	
Chlorobenzene	45		ug/kg	50.000	0.5	89	52-117	6	46	
1,1-Dichloroethene	48		ug/kg	50.000	ND	95	54-121	16	57	
Toluene	43		ug/kg	50.000	ND	86	46-124	4	61	
Trichloroethene	49		ug/kg	50.000	15	69	59-122	1	49	
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*102*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*56*		*ug/kg*	*50.000*		*111*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*101*	*63-150*			

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May 28, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009

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May 28, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

QR-04 The RPD result for the MS/MSD exceeded the established QC control limits. Sample results for the QC batch were accepted based on LCS recovery.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Note: Unless otherwise noted, all results are reported on an as received basis.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

164280

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 3

CLIENT NAME: ERM - ATL
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Ctr Blvd #375 Kennesaw, GA 30144
CC:
REPORT TO: Shanna Thompson
REQUESTED COMPLETION DATE: Standard
PO #:
PROJECT NAME/STATE: Williamson - Dickie
PROJECT #: 0100586

DATE	TIME	MATRIX CODE*	COMPOSITE	SAMPLE IDENTIFICATION	# of CONTAINERS	CONTAINER TYPE / PRESERVATION	1,1 DCE	cis-1,2 DCE	trans-1,2 DEC	PCE	TCE	VC	REMARKS/ADDITIONAL INFORMATION
			Y		4	P / Refrigerate							
5/13/09	1400	S	X	HA-9	4		X	X	X	X	X	X	
5/14/09	1000			HA-10									
5/14/09	1030			HA-11									
5/13/09	0900			HA-12									
5/13/09	1445			HA-13									
5/14/09	1530			HA-14									
5/14/09	0915			HA-15									
5/14/09	1105			HA-16									
5/13/09	0930			HA-17									
5/15/09	1000			HA-18									
5/15/09	1030			HA-19									

SAMPLED BY AND TITLE: Christopher Long / Geologist
DATE/TIME: 5/15/09 1345
RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:
RELINQUISHED BY: DATE/TIME:

SAMPLE SHIPPED VIA: UPS FED-EX COURIER OTHER:
Temperature: 3°C Custody Seal: CLIENT
Intact Broken Missing Cooler #

RECEIVED BY LAB: DATE/TIME: 5/15/09 1345
pH: Added Preserved Ice: Yes or No

Please use Black Ink to complete form.

CONTAINER TYPE
P - PLASTIC
A - AMBER GLASS
G - CLEAR GLASS
V - VOA VIAL
S - STERILE
O - OTHER

PRESERVATION
1 - HCl, 4°
2 - H2SO4, 4°
3 - HNO3, 4°
4 - NaOH, 4°
5 - NaOH/ZnAc, 4°
6 - Na2S2O3, 4°
7 - 4°

*MATRIX CODES:
DW - DRINKING WATER
WW - WASTEWATER
GW - GROUNDWATER
SW - SURFACE WATER
ST - STORM WATER
W - WATER
S - SOIL
SL - SLUDGE
SD - SOLID
A - AIR
L - LIQUID
P - PRODUCT

FOR LAB USE ONLY
LAB #: HA50575
In-house location: CJV
Entered Into LIMS: CJV

May 28, 2009

ANALYTICAL SERVICES, INC.
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110 Technology Parkway, Norcross, GA 30092
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

161021

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 2 OF 3

CLIENT NAME:

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: ERM-ATL

REPORT TO: Shanna Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson-Dickie

PROJECT #: 0100586

ANALYSIS REQUESTED

CONTAINER TYPE: P/G

PRESERVATION: Trizolorce

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	1,1 DCE	cis-1,2 DCE	trans-1,2 DCE	PCE	TCE	VC	LAB ID NUMBER
5/14/09	1245	S		X	HA-20	4	X	X	X	X	X	X	12
5/14/09	1530				HA-21								13
5/14/09	1515				HA-22								14
5/14/09	1455				HA-23								15
5/14/09	1325				HA-24								16
5/14/09	1430				HA-25								17
5/14/09	1355				HA-26								18
5/14/09	1300				HA-27								19
5/13/09	1000				HA-28								20
5/13/09	1045				HA-29								21
5/14/09	1355				HA-5-3'								22 Hold
5/14/09	1405				HA-5-6'								23 Hold

SAMPLED BY AND TITLE: Christopher Stang, Geologist

DATE/TIME: 5/15/09 1345

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY LAB:

DATE/TIME: 5/15/09 1345

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved

Ice: Yes or No

Temperature: 3 C

Custody Seal: Intact Broken Missing

Cooler #

FOR LAB USE ONLY

LAB #: A5E0515

In-house location: V C2

Entered Into LIMS: 124

CONTAINER TYPE	PRESERVATI
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/Zn/
O - OTHER	6 - Na2S203
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDG
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODU

REMARKS/ADDITIONAL INFORMATIO

Please use Black Ink to complete form.

ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
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May 28, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

164288

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 3 OF 3

CLIENT NAME:

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: ERM-ATL

REPORT TO: Shanna Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson-Dickie /GA

PROJECT #: 0100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	1,1-~~DCE~~ DCE	cis-1,2 DCE	trans 1,2 DCE	PCE	TCE	VC	LAB ID NUMBER	REMARKS/ADDITIONAL INFORMATION
						CONTAINER TYPE	P/G							
						PRESERVATION	TerraCore							
5/14/09	1435	S		X	HA-6-3'	4	X	X	X	X	X	X	24	Hold
5/14/09	1455	S		X	HA-6-6'	4							25	Hold
5/15/09	0830	S		X	HA-7-3'	4							26	Hold
5/15/09	0845	S		X	HA-7-6'	4							27	Hold
TB-02	—	-		-	TB-02	3							28	9 vials present 5/15/09

CONTAINER TYPE	PRESERVATIO
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnA
O - OTHER	6 - Na2S203,
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUC

SAMPLED BY AND TITLE: Christopher Stamp, Geologist

DATE/TIME: 5/15/09 1345

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY LAB: Charles Hayle

DATE/TIME: 5/15/09 1345

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved

Ice: Yes or No

Temperature: 5°C

Custody Seal: Intact Broken Missing

Cooler #

FOR LAB USE ONLY

LAB #: ASE0515

In-house location: VC2

Entered Into LIMS: CH

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LOG-IN CHECKLIST **Printed: 05/28/2009 5:19:34PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 05/15/09 13:45

Work Order: ASE0515
Logged In By: Charles Hawks

NPDES:

OBSERVATIONS

#Samples: 28 **#Containers:** 117

Minimum Temp(C): 3.0 **Maximum Temp(C):** 3.0 **Custody Seal(s):**

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	NO
Samples Received on Ice	YES
Preservation Confirmed	YES

The samples HA-12, HA-17, HA-28, and HA-29 were received out of hold. CFH

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Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASE0631
May 28, 2009
Project: Williamson Dickies/GA
Project #:[none]
P.O. No. N/A

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

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300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
12	ASE0631-01	Soil	05/20/09 11:00	05/20/09 12:57
17	ASE0631-02	Soil	05/20/09 11:15	05/20/09 12:57
28	ASE0631-03	Soil	05/20/09 11:20	05/20/09 12:57
29	ASE0631-04	Soil	05/20/09 11:35	05/20/09 12:57

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 12

Date/Time Sampled: 05/20/2009 11:00:00AM

Matrix: Soil

Lab Number ID: ASE0631-01

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	81.6	0.10	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
cis-1,2-Dichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
trans-1,2-Dichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
Tetrachloroethene	950	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
Trichloroethene	ND	300	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
Vinyl Chloride	ND	600	ug/kg dry	EPA 8260B		50	05/27/09 12:30	05/27/09 14:10	A905587	GN
1,4-Dioxane	ND	30000	ug/kg dry	EPA 8260B		50	05/27/09 17:00	05/27/09 22:45	A905587	GN
Surrogate: Dibromofluoromethane	*105 %*	*73-123*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	
Surrogate: Dibromofluoromethane	*106 %*	*73-123*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*121 %*	*71-135*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*115 %*	*71-135*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	
Surrogate: Toluene-d8	*97 %*	*67-124*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: Toluene-d8	*98 %*	*67-124*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/27/09 17:00	05/27/09 22:45	*A905587*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*63-150*		*EPA 8260B*			05/27/09 12:30	05/27/09 14:10	*A905587*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 17

Date/Time Sampled: 05/20/2009 11:15:00AM

Matrix: Soil

Lab Number ID: ASE0631-02

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	84.1	0.10	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
cis-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
trans-1,2-Dichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Tetrachloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Trichloroethene	ND	5.0	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
1,4-Dioxane	ND	500	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 15:19	A905587	GN
Surrogate: Dibromofluoromethane	*110 %*	*73-123*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*124 %*	*71-135*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	
Surrogate: Toluene-d8	*93 %*	*67-124*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*63-150*		*EPA 8260B*			05/22/09 13:00	05/22/09 15:19	*A905587*	

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Client ID: 28

Date/Time Sampled: 05/20/2009 11:20:00AM

Matrix: Soil

Lab Number ID: ASE0631-03

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	88.5	0.10	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
cis-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
trans-1,2-Dichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Tetrachloroethene	14	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Trichloroethene	ND	4.6	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Vinyl Chloride	ND	9.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
1,4-Dioxane	ND	460	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 16:55	A905587	GN
Surrogate: Dibromofluoromethane	*109 %*	*73-123*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*119 %*	*71-135*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	
Surrogate: Toluene-d8	*96 %*	*67-124*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*63-150*		*EPA 8260B*			05/22/09 13:00	05/22/09 16:55	*A905587*	

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May 28, 2009

Report No.: ASE0631

Client ID: 29

Date/Time Sampled: 05/20/2009 11:35:00AM

Matrix: Soil

Lab Number ID: ASE0631-04

Date/Time Received: 05/20/2009 12:57:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	83.6	0.11	% by Weight	SOP Moisture		1	05/22/09 09:15	05/22/09 09:15	A905554	MZF
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
cis-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
trans-1,2-Dichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Tetrachloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Trichloroethene	ND	5.2	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Vinyl Chloride	ND	10	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
1,4-Dioxane	ND	520	ug/kg dry	EPA 8260B		1	05/22/09 13:00	05/22/09 17:28	A905587	GN
Surrogate: Dibromofluoromethane	*109 %*	*73-123*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	
Surrogate: 1,2-Dichloroethane-d4	*121 %*	*71-135*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	
Surrogate: Toluene-d8	*94 %*	*67-124*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	
Surrogate: 4-Bromofluorobenzene	*105 %*	*63-150*		*EPA 8260B*			05/22/09 13:00	05/22/09 17:28	*A905587*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905554 - % Solids										
Duplicate (A905554-DUP1)		**Source: ASE0631-01**			Prepared & Analyzed: 05/22/09					
% Solids	81.9	0.10	% by Weight		81.6			0.3	12	

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Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905587 - EPA 5035										
Blank (A905587-BLK1)					Prepared & Analyzed: 05/22/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*54*		*ug/kg*	*50.000*		*108*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*60*		*ug/kg*	*50.000*		*120*	*71-135*			
Surrogate: Toluene-d8	*47*		*ug/kg*	*50.000*		*94*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/kg*	*50.000*		*99*	*63-150*			
Blank (A905587-BLK2)					Prepared & Analyzed: 05/27/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*51*		*ug/kg*	*50.000*		*103*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*58*		*ug/kg*	*50.000*		*116*	*71-135*			
Surrogate: Toluene-d8	*49*		*ug/kg*	*50.000*		*98*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			
Blank (A905587-BLK3)					Prepared & Analyzed: 05/27/09					
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Vinyl Chloride	ND	10	ug/kg wet							
1,4-Dioxane	ND	500	ug/kg wet							
Surrogate: Dibromofluoromethane	*52*		*ug/kg*	*50.000*		*104*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*59*		*ug/kg*	*50.000*		*118*	*71-135*			
Surrogate: Toluene-d8	*49*		*ug/kg*	*50.000*		*98*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*102*	*63-150*			

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Report No.: ASE0631

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A905587 - EPA 5035										
LCS (A905587-BS1)					Prepared & Analyzed: 05/22/09					
Benzene	48		ug/kg	50.000		95	80-117			
Chlorobenzene	50		ug/kg	50.000		101	83-110			
1,1-Dichloroethene	52		ug/kg	50.000		105	70-116			
Toluene	47		ug/kg	50.000		94	78-107			
Trichloroethene	51		ug/kg	50.000		103	74-125			
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*106*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*56*		*ug/kg*	*50.000*		*112*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*100*	*63-150*			
Matrix Spike (A905587-MS1)		**Source: ASE0631-02**			Prepared & Analyzed: 05/22/09					
Benzene	39		ug/kg	50.000	ND	78	66-116			
Chlorobenzene	40		ug/kg	50.000	0.6	78	52-117			
1,1-Dichloroethene	44		ug/kg	50.000	ND	88	54-121			
Toluene	37		ug/kg	50.000	ND	75	46-124			
Trichloroethene	43		ug/kg	50.000	ND	85	59-122			
Surrogate: Dibromofluoromethane	*53*		*ug/kg*	*50.000*		*107*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*59*		*ug/kg*	*50.000*		*118*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*95*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/kg*	*50.000*		*101*	*63-150*			
Matrix Spike Dup (A905587-MSD1)		**Source: ASE0631-02**			Prepared & Analyzed: 05/22/09					
Benzene	38		ug/kg	50.000	ND	76	66-116	2	41	
Chlorobenzene	38		ug/kg	50.000	0.6	74	52-117	5	46	
1,1-Dichloroethene	44		ug/kg	50.000	ND	89	54-121	1	57	
Toluene	36		ug/kg	50.000	ND	73	46-124	3	61	
Trichloroethene	40		ug/kg	50.000	ND	81	59-122	6	49	
Surrogate: Dibromofluoromethane	*52*		*ug/kg*	*50.000*		*105*	*73-123*			
Surrogate: 1,2-Dichloroethane-d4	*58*		*ug/kg*	*50.000*		*115*	*71-135*			
Surrogate: Toluene-d8	*48*		*ug/kg*	*50.000*		*96*	*67-124*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/kg*	*50.000*		*103*	*63-150*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

May 28, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

164468

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: ____ OF 1

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 770-590-8383

REPORT TO: CC:

REQUESTED COMPLETION DATE: PO #:

PROJECT NAME/STATE:

PROJECT #: Dickree

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS (See next page)	LAB ID NUMBER
5/20	11:00	S		/	12		1
	11:15			/	17		2
	11:20			/	28		3
	11:35			/	29		4

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION: Standard Turnaround

SAMPLED BY AND TITLE: C.D. DATE/TIME: 5-20 RELINQUISHED BY: Charlie Brooks DATE/TIME: 5-20 12:57

RECEIVED BY: DATE/TIME: RELINQUISHED BY: DATE/TIME:

RECEIVED BY LAB: Charles Hawk DATE/TIME: 5/20/09 1257 SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved Ice: Yes or No Temperature: 2°C Custody Seal: Intact Broken Missing Cooler #

FOR LAB USE ONLY
LAB #: ASE0631
In-house location: E1 V
Entered Into LIMS: CM

Please use Black Ink to complete form.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

May 28, 2009

Soil samples collected Willimason Dickies on 5-20-09 are to be analyzed for the following VOCs:

1,1-dichloroethene,
Cis-1,2-dichlorothene,
Trans-1,2-dichloroethene,
Tetrachloroethene,
Trichloroethene,
Vinyl chloride and
1-4 Dioxane

Analyses are to be performed on a standard schedule. All data to be reported on a dry weight basis. If you have questions contact Jeff Bilkert or Shanna Thompson at ERM (770/590-8383).

ASE0631
Charles Faulk
5/20/09 1257

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 05/28/2009 4:54:54PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 05/20/09 12:57

Work Order: ASE0631
Logged In By: Charles Hawks

NPDES:

OBSERVATIONS

#Samples: 4 **#Containers:** 16

Minimum Temp(C): 21.0 **Maximum Temp(C):** 21.0 **Custody Seal(s):**

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 20, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX: (770) 590-9164

RE: Williamson Dickie

Order No.: 1001544

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 45 samples on 1/11/2010 1:57:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 65 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

BPRal

for April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001546

Date: 1/7/10 Page 1 of 5

COMPANY: ERM

ADDRESS: 300 Chastain Center Blvd Suite 375 Kennesaw GA 30144

PHONE: 770-590-8343

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260 *, TCLP Metals, TCLP VOC

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260 *	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
							PRESERVATION (See codes)				
							S/M+I	I	I		
1	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~			* only analyze	~~[illegible]~~
2	HA-32 3'	1/7/10	1000	X		SO	X			1,1 Dichloroethene	4
3	HA-32 5'		1010	X		SO	X			Cis-1,2-Dichloroethene	
4	GP-5E 3'		1020	X			X			Trans-1,2 Dichloroethene	
5	GP-AS-40 3'		1030	X			X			Tetrachloroethene	4
6	HA-31 3'		1105	X			X			Trichloroethene	4
7	HA-31 5'		1110	X			X			Vinyl Chloride	4
8	AEM-GP3 3'		1134	X			X			1,4-Dioxane	4
9	HA-30 3'		1150	X			X				4
10	HA-30 5'		1157	X			X	X	X		6
11	AEM-GP-4 1.5'		1240	X			X				4
12	HA-19 2.5'		1310	X			X				
13	~~[illegible]~~ GP-5H 3'		1320	X			X				
14	DUP-01		—	X			X				

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/7/10 1000	1: [signature]	1/7/10 12:02
2: Kathleen Hadley	1/7/10 1:57	2: [signature]	1/7/10 1:57
3:		3:	

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Rd Atlanta GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001540

Date: 1/7/10 Page 2 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw, GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260* (S/M+7); TCLP Metals (7); TCLP VOC (5)

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260* (S/M+7)	TCLP Metals (7)	TCLP VOC (5)	REMARKS	No # of Containers
1	GP-2C 1'	1/7/10	1340	X		SO	X			* see page 1	4
2	GP-2B 2'	1	1400	X		SO	X			for list of	4
3	AEM-HA6 4.5'	1/8/10	1130	X		SO	X			8260 analytes	4
4	GP-AS-39 3'	1/8/10	1154	X		SO	X				4
5	GP-100 4'	1/9/10	1200	X		SO	X				4
6	GP-AS-39 11'	1/9/10	935	X		SO	X	X	X		6
7	GP-100 10' *	1/9/10	950	X		SO	X			*HOLD	4
8	AEM-HA6 10' *	1/9/10	[illegible]	X		SO	X			* HOLD	4
9	GP-5D 3'	1/9/10	1025	X		SO	X	X	X		
10	DUP-03	1/9/10	—	X		SO	X	X	X		
11	HA-23 3'	1/9/10	1040	X		SO	X				
12	HA-23 10' *	1/9/10	1045	X		SO	X			* HOLD	
13	GP-2A 3'	1/9/10	1058	X		SO	X				
14	GP-2A 10' *	1/9/10	1100	X		SO	X			* HOLD	

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hadley	1/11/10 12:02
2: Kathleen Hadley	1/11/10 1:58	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Road ATL, GA
SEND REPORT TO: Shannon Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N: Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

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ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001544

Date: 1/7/10 Page 3 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260* / TCLP Metals / TCLP VOC

PRESERVATION (See codes): H+I / N / N

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-3A 5'	1/9/10	1110	X		SO	X			*See page 1	4
2	GP-5GR 3'	1/9/10	1120	X		SO	X			for list of	4
3	GP-1A 10' *	1/9/10	1123	X		SO	X			anal. tes	4
4	~~HA-33 3'~~	~~1/9/10~~	~~1130~~	~~X~~		~~SO~~	~~X~~			* HOLD	~~4~~
5	~~HA-33 GW~~	~~1/9/10~~	~~1133~~	~~X~~		~~SO~~	~~X~~				
6	HA-19 5'	1/9/10	1150	X		SO	X				
7	DUP-04	1/9/10	—	X		SO	X				
8	GP-5H 3'	1/9/10	1155	X		SO	X				
9	GP-2B 5'	1/9/10	1206	X		SO	X				
10	GP-AS-23 5'	1/9/10	1215	X		SO	X				
11	~~[illegible]~~ DUP-02	1/9/10	—	X		SO	X				
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: R Hoagland	1/11/10 1000	1: Kathleen Hradley	1/11/10
2: Kathleen Hradley	1/11/10 1:58	2: [illegible]	1/11/10 12:43 1:57
3:		3:	

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100506
SITE ADDRESS: 2411 Sullivan Rd, Atl, GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: ____ PO#: ____

RECEIPT
Total # of Containers

Turnaround Time Request
- ● Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other ____

STATE PROGRAM (if any): ____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

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PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

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ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001544

Date: 1/7/10 Page 4 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA

PHONE: 770 590 8383

FAX: 770 590 9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260B*, TCLP Metals, TCLP VOC

PRESERVATION (See codes): Simple, H, H

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260B*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-101 3'	1/9/10	1230	X		SO	X			* See page 1 for list of analytes	
2	GP-101 8'		1235				X				
3	GP-102 3'		1250				X				
4	GP-102 8'		1253				X				
5	GP-103 3'		1310				X				
6	GP-103 8'		1312				X				
7	GP-104 3'		1330				X				
8	GP-104 8'		1335				X	X	X		
9											
10											
11											
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:03
2: Kathleen Hardley	1/11/10 1:57	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100586
SITE ADDRESS: 2411 Sullivan Rd Atl
SEND REPORT TO: Shannon Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N: Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMM Work Order Number 1001544

Checklist completed by [signature] 1/11/10 [signature] 1/12/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present ✓

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present __

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4°C Cooler #2 3.9°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc. Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab Order: 1001544

CASE NARRATIVE

Sample Receiving Nonconformance:

A Trip Blank was provided, but not listed on the Chain of Custody. Trip blank analyzed at no cost to the client.

Two sets of GP-102 8' were received and placed on hold and Sample GP-103 3' was not received.

On the Chain of Custody, Sample GP-5H 3' was listed twice with different collection dates & times. Only one set labeled as GP-5H 3', with no collection dates & times on the containers, was received. The sample was logged in according to the earliest collection date & time listed.

1/12/10 4:38 p.m. Shanna Thompson was contacted, via email, and informed that Sample GP-5H 3' was listed twice on the COC; however, only one sample was received. Additionally, the client was informed that two samples for GP-102 8' were received and a sample for GP-103 3' was not received.

1/13/10 9:11 a.m. Per Richard Hoagland, via email, Sample GP-5H 3' was collected on 01/07/2010 at 1320.

1/13/10 11:13 a.m. Per Richard Hoagland, via phone, Sample GP-102 8' and GP-103 3' will be re-submitted.

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on Sample 1001544-015A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Due to sample matrix, Samples 1001544-005A, -006A, -011A, -012A, -013A, -022A, -026A, and -037A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on Sample 1001544-039A and -014A was outside control limits biased low due to suspected matrix interference.

Percent recovery for the internal standard compounds Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on Sample 1001544-043A were outside control limits biased low due to suspected matrix interference.

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-001

Client Sample ID: HA-32 3'
Collection Date: 1/7/2010 10:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
Trichloroethene	49	4.8		ug/Kg-dry	123774	1	1/13/2010 12:51 AM
Tetrachloroethene	30000	930		ug/Kg-dry	123758	100	1/13/2010 5:32 PM
Surr: 4-Bromofluorobenzene	89.9	58.2-140		%REC	123758	100	1/13/2010 5:32 PM
Surr: 4-Bromofluorobenzene	95.5	58.2-140		%REC	123774	1	1/13/2010 12:51 AM
Surr: Dibromofluoromethane	92.3	71.1-132		%REC	123758	100	1/13/2010 5:32 PM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123774	1	1/13/2010 12:51 AM
Surr: Toluene-d8	87.7	77.6-119		%REC	123758	100	1/13/2010 5:32 PM
Surr: Toluene-d8	98.8	77.6-119		%REC	123774	1	1/13/2010 12:51 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	14.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-002

Client Sample ID: HA-32 5'
Collection Date: 1/7/2010 10:10:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	140		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
Vinyl chloride	BRL	9.1		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
Trichloroethene	8.1	4.6		ug/Kg-dry	123774	1	1/13/2010 1:16 AM
Tetrachloroethene	660	270		ug/Kg-dry	123758	50	1/13/2010 5:59 PM
Surr: 4-Bromofluorobenzene	87.5	58.2-140		%REC	123758	50	1/13/2010 5:59 PM
Surr: 4-Bromofluorobenzene	98.3	58.2-140		%REC	123774	1	1/13/2010 1:16 AM
Surr: Dibromofluoromethane	89.7	71.1-132		%REC	123758	50	1/13/2010 5:59 PM
Surr: Dibromofluoromethane	107	71.1-132		%REC	123774	1	1/13/2010 1:16 AM
Surr: Toluene-d8	87.7	77.6-119		%REC	123758	50	1/13/2010 5:59 PM
Surr: Toluene-d8	102	77.6-119		%REC	123774	1	1/13/2010 1:16 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	13.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-003

Client Sample ID: GP-5E 3'
Collection Date: 1/7/2010 10:20:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	140		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Vinyl chloride	BRL	9.5		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Trichloroethene	13	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Tetrachloroethene	74	4.8		ug/Kg-dry	123774	1	1/13/2010 1:42 AM
Surr: 4-Bromofluorobenzene	101	58.2-140		%REC	123774	1	1/13/2010 1:42 AM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123774	1	1/13/2010 1:42 AM
Surr: Toluene-d8	100	77.6-119		%REC	123774	1	1/13/2010 1:42 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-004

Client Sample ID: GP-AS-40 3'
Collection Date: 1/7/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	130		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
Vinyl chloride	BRL	9.0		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
Trichloroethene	10	4.5		ug/Kg-dry	123884	1	1/14/2010 12:10 PM
Tetrachloroethene	1500	250		ug/Kg-dry	123758	50	1/14/2010 7:19 PM
Surr: 4-Bromofluorobenzene	90.7	58.2-140		%REC	123758	50	1/14/2010 7:19 PM
Surr: 4-Bromofluorobenzene	93.6	58.2-140		%REC	123884	1	1/14/2010 12:10 PM
Surr: Dibromofluoromethane	92.3	71.1-132		%REC	123758	50	1/14/2010 7:19 PM
Surr: Dibromofluoromethane	98.1	71.1-132		%REC	123884	1	1/14/2010 12:10 PM
Surr: Toluene-d8	89.2	77.6-119		%REC	123758	50	1/14/2010 7:19 PM
Surr: Toluene-d8	96.6	77.6-119		%REC	123884	1	1/14/2010 12:10 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	11.7	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-005

Client Sample ID: HA-31 3'
Collection Date: 1/7/2010 11:05:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7800		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
Vinyl chloride	BRL	520		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
1,1-Dichloroethene	BRL	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
trans-1,2-Dichloroethene	BRL	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
cis-1,2-Dichloroethene	BRL	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
Trichloroethene	600	260		ug/Kg-dry	123758	50	1/14/2010 7:46 PM
Tetrachloroethene	100000	26000		ug/Kg-dry	123758	5000	1/15/2010 12:20 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123758	50	1/14/2010 7:46 PM
Surr: 4-Bromofluorobenzene	88.4	58.2-140		%REC	123758	5000	1/15/2010 12:20 PM
Surr: Dibromofluoromethane	88.2	71.1-132		%REC	123758	50	1/14/2010 7:46 PM
Surr: Dibromofluoromethane	91.8	71.1-132		%REC	123758	5000	1/15/2010 12:20 PM
Surr: Toluene-d8	89.1	77.6-119		%REC	123758	50	1/14/2010 7:46 PM
Surr: Toluene-d8	91.6	77.6-119		%REC	123758	5000	1/15/2010 12:20 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-006

Client Sample ID: HA-31 5'
Collection Date: 1/7/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	8200		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
Vinyl chloride	BRL	550		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
1,1-Dichloroethene	BRL	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
trans-1,2-Dichloroethene	BRL	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
cis-1,2-Dichloroethene	BRL	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
Trichloroethene	1100	270		ug/Kg-dry	123758	50	1/14/2010 8:13 PM
Tetrachloroethene	48000	2700		ug/Kg-dry	123758	500	1/15/2010 11:53 AM
Surr: 4-Bromofluorobenzene	87.5	58.2-140		%REC	123758	50	1/14/2010 8:13 PM
Surr: 4-Bromofluorobenzene	85.5	58.2-140		%REC	123758	500	1/15/2010 11:53 AM
Surr: Dibromofluoromethane	91.3	71.1-132		%REC	123758	50	1/14/2010 8:13 PM
Surr: Dibromofluoromethane	88.4	71.1-132		%REC	123758	500	1/15/2010 11:53 AM
Surr: Toluene-d8	91.1	77.6-119		%REC	123758	50	1/14/2010 8:13 PM
Surr: Toluene-d8	88.3	77.6-119		%REC	123758	500	1/15/2010 11:53 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-007

Client Sample ID: AEM-GP-3 3'
Collection Date: 1/7/2010 11:34:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
cis-1,2-Dichloroethene	34	4.9		ug/Kg-dry	123884	1	1/14/2010 3:12 PM
Trichloroethene	3100	210		ug/Kg-dry	123758	50	1/14/2010 8:39 PM
Tetrachloroethene	12000	2400		ug/Kg-dry	123883	500	1/15/2010 1:41 PM
Surr: 4-Bromofluorobenzene	89.3	58.2-140		%REC	123884	1	1/14/2010 3:12 PM
Surr: 4-Bromofluorobenzene	89.3	58.2-140		%REC	123758	50	1/14/2010 8:39 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123883	500	1/15/2010 1:41 PM
Surr: Dibromofluoromethane	93.3	71.1-132		%REC	123883	500	1/15/2010 1:41 PM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123884	1	1/14/2010 3:12 PM
Surr: Dibromofluoromethane	90.5	71.1-132		%REC	123758	50	1/14/2010 8:39 PM
Surr: Toluene-d8	89.0	77.6-119		%REC	123758	50	1/14/2010 8:39 PM
Surr: Toluene-d8	90.5	77.6-119		%REC	123883	500	1/15/2010 1:41 PM
Surr: Toluene-d8	97.0	77.6-119		%REC	123884	1	1/14/2010 3:12 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-008

Client Sample ID: HA-30 3'
Collection Date: 1/7/2010 11:50:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
cis-1,2-Dichloroethene	38	4.9		ug/Kg-dry	123884	1	1/14/2010 3:40 PM
Trichloroethene	1700	1300		ug/Kg-dry	123883	500	1/15/2010 2:07 PM
Tetrachloroethene	43000	2200		ug/Kg-dry	123883	500	1/15/2010 2:07 PM
Surr: 4-Bromofluorobenzene	88.0	58.2-140		%REC	123883	500	1/15/2010 2:07 PM
Surr: 4-Bromofluorobenzene	87.6	58.2-140		%REC	123884	1	1/14/2010 3:40 PM
Surr: Dibromofluoromethane	94.5	71.1-132		%REC	123883	500	1/15/2010 2:07 PM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123884	1	1/14/2010 3:40 PM
Surr: Toluene-d8	90.0	77.6-119		%REC	123883	500	1/15/2010 2:07 PM
Surr: Toluene-d8	97.8	77.6-119		%REC	123884	1	1/14/2010 3:40 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-009

Client Sample ID: HA-30 5'
Collection Date: 1/7/2010 11:57:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:39 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:09 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:09 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:09 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:09 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:09 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:09 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:09 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 4:29 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Tetrachloroethene	0.55	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:29 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 4:29 PM
Surr: 4-Bromofluorobenzene	80.6	65.3-127		%REC	123789	20	1/15/2010 4:29 PM
Surr: Dibromofluoromethane	108	76.3-123		%REC	123789	20	1/15/2010 4:29 PM
Surr: Toluene-d8	88.4	82-119		%REC	123789	20	1/15/2010 4:29 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	160		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
cis-1,2-Dichloroethene	16	5.4		ug/Kg-dry	123884	1	1/14/2010 4:07 PM
Trichloroethene	5700	260		ug/Kg-dry	123883	50	1/15/2010 1:07 AM
Tetrachloroethene	53000	2600		ug/Kg-dry	123883	500	1/15/2010 2:34 PM
Surr: 4-Bromofluorobenzene	90.1	58.2-140		%REC	123883	50	1/15/2010 1:07 AM
Surr: 4-Bromofluorobenzene	89.9	58.2-140		%REC	123884	1	1/14/2010 4:07 PM
Surr: 4-Bromofluorobenzene	86.5	58.2-140		%REC	123883	500	1/15/2010 2:34 PM
Surr: Dibromofluoromethane	91.0	71.1-132		%REC	123883	50	1/15/2010 1:07 AM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123884	1	1/14/2010 4:07 PM
Surr: Dibromofluoromethane	93.0	71.1-132		%REC	123883	500	1/15/2010 2:34 PM
Surr: Toluene-d8	89.1	77.6-119		%REC	123883	50	1/15/2010 1:07 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value
- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-009

Client Sample ID: HA-30 5'
Collection Date: 1/7/2010 11:57:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
Surr: Toluene-d8	98.3	77.6-119		%REC	123884	1	1/14/2010 4:07 PM
Surr: Toluene-d8	91.3	77.6-119		%REC	123883	500	1/15/2010 2:34 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	12.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-010

Client Sample ID: AEM-GP-4 1.5'
Collection Date: 1/7/2010 12:40:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	140		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Vinyl chloride	BRL	9.6		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Trichloroethene	7.6	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Tetrachloroethene	160	4.8		ug/Kg-dry	123884	1	1/15/2010 11:25 AM
Surr: 4-Bromofluorobenzene	96.9	58.2-140		%REC	123884	1	1/15/2010 11:25 AM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123884	1	1/15/2010 11:25 AM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 11:25 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	10.2	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-011

Client Sample ID: HA-19 2.5'
Collection Date: 1/7/2010 1:10:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7100		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
Vinyl chloride	BRL	470		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
1,1-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
trans-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
cis-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
Trichloroethene	1200	240		ug/Kg-dry	123883	50	1/15/2010 2:02 AM
Tetrachloroethene	82000	4700		ug/Kg-dry	123883	1000	1/15/2010 12:47 PM
Surr: 4-Bromofluorobenzene	87.1	58.2-140		%REC	123883	1000	1/15/2010 12:47 PM
Surr: 4-Bromofluorobenzene	88.4	58.2-140		%REC	123883	50	1/15/2010 2:02 AM
Surr: Dibromofluoromethane	92.3	71.1-132		%REC	123883	1000	1/15/2010 12:47 PM
Surr: Dibromofluoromethane	88.1	71.1-132		%REC	123883	50	1/15/2010 2:02 AM
Surr: Toluene-d8	89.2	77.6-119		%REC	123883	1000	1/15/2010 12:47 PM
Surr: Toluene-d8	88.4	77.6-119		%REC	123883	50	1/15/2010 2:02 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-012

Client Sample ID: GP-5H 3'
Collection Date: 1/7/2010 1:20:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	6400		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
Vinyl chloride	BRL	430		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
1,1-Dichloroethene	BRL	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
trans-1,2-Dichloroethene	BRL	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
cis-1,2-Dichloroethene	BRL	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
Trichloroethene	2300	210		ug/Kg-dry	123883	50	1/15/2010 2:29 AM
Tetrachloroethene	61000	4300		ug/Kg-dry	123883	1000	1/15/2010 1:14 PM
Surr: 4-Bromofluorobenzene	89.0	58.2-140		%REC	123883	50	1/15/2010 2:29 AM
Surr: 4-Bromofluorobenzene	86.9	58.2-140		%REC	123883	1000	1/15/2010 1:14 PM
Surr: Dibromofluoromethane	87.4	71.1-132		%REC	123883	50	1/15/2010 2:29 AM
Surr: Dibromofluoromethane	90.3	71.1-132		%REC	123883	1000	1/15/2010 1:14 PM
Surr: Toluene-d8	89.4	77.6-119		%REC	123883	50	1/15/2010 2:29 AM
Surr: Toluene-d8	90.6	77.6-119		%REC	123883	1000	1/15/2010 1:14 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-013

Client Sample ID: DUP-01
Collection Date: 1/7/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	6000		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
Vinyl chloride	BRL	400		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
1,1-Dichloroethene	BRL	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
trans-1,2-Dichloroethene	BRL	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
cis-1,2-Dichloroethene	BRL	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
Trichloroethene	1200	200		ug/Kg-dry	123758	50	1/14/2010 9:06 PM
Tetrachloroethene	28000	2000		ug/Kg-dry	123758	500	1/15/2010 3:01 PM
Surr: 4-Bromofluorobenzene	85.8	58.2-140		%REC	123758	500	1/15/2010 3:01 PM
Surr: 4-Bromofluorobenzene	87.1	58.2-140		%REC	123758	50	1/14/2010 9:06 PM
Surr: Dibromofluoromethane	91.5	71.1-132		%REC	123758	500	1/15/2010 3:01 PM
Surr: Dibromofluoromethane	89.2	71.1-132		%REC	123758	50	1/14/2010 9:06 PM
Surr: Toluene-d8	88.3	77.6-119		%REC	123758	500	1/15/2010 3:01 PM
Surr: Toluene-d8	90.0	77.6-119		%REC	123758	50	1/14/2010 9:06 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	7.34	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-014

Client Sample ID: GP-2C 1'
Collection Date: 1/7/2010 1:40:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	140		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
Vinyl chloride	BRL	9.0		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123884	1	1/15/2010 4:57 PM
Trichloroethene	270	220		ug/Kg-dry	123758	50	1/14/2010 9:33 PM
Tetrachloroethene	910	220		ug/Kg-dry	123758	50	1/14/2010 9:33 PM
Surr: 4-Bromofluorobenzene	90.0	58.2-140		%REC	123758	50	1/14/2010 9:33 PM
Surr: 4-Bromofluorobenzene	83.3	58.2-140		%REC	123884	1	1/15/2010 4:57 PM
Surr: Dibromofluoromethane	89.8	71.1-132		%REC	123758	50	1/14/2010 9:33 PM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123884	1	1/15/2010 4:57 PM
Surr: Toluene-d8	88.4	77.6-119		%REC	123758	50	1/14/2010 9:33 PM
Surr: Toluene-d8	101	77.6-119		%REC	123884	1	1/15/2010 4:57 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	10.6	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-015

Client Sample ID: GP-2B 2'
Collection Date: 1/7/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
Vinyl chloride	BRL	9.7		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
Trichloroethene	52	4.9		ug/Kg-dry	123774	1	1/12/2010 11:09 PM
Tetrachloroethene	66000	2500		ug/Kg-dry	123758	500	1/13/2010 6:25 PM
Surr: 4-Bromofluorobenzene	86.0	58.2-140		%REC	123758	500	1/13/2010 6:25 PM
Surr: 4-Bromofluorobenzene	88.5	58.2-140		%REC	123774	1	1/12/2010 11:09 PM
Surr: Dibromofluoromethane	91.7	71.1-132		%REC	123758	500	1/13/2010 6:25 PM
Surr: Dibromofluoromethane	97.7	71.1-132		%REC	123774	1	1/12/2010 11:09 PM
Surr: Toluene-d8	90.2	77.6-119		%REC	123758	500	1/13/2010 6:25 PM
Surr: Toluene-d8	91.2	77.6-119		%REC	123774	1	1/12/2010 11:09 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	13.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-016

Client Sample ID: AEM-HA6 4.5'
Collection Date: 1/8/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
1,1-Dichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
trans-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
cis-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Trichloroethene	BRL	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Tetrachloroethene	69	6.0		ug/Kg-dry	123774	1	1/15/2010 11:50 AM
Surr: 4-Bromofluorobenzene	97.0	58.2-140		%REC	123774	1	1/15/2010 11:50 AM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123774	1	1/15/2010 11:50 AM
Surr: Toluene-d8	98.1	77.6-119		%REC	123774	1	1/15/2010 11:50 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	13.5	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-017

Client Sample ID: GP-AS-39 3'
Collection Date: 1/8/2010 11:54:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
1,1-Dichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
trans-1,2-Dichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
cis-1,2-Dichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
Trichloroethene	BRL	5.9		ug/Kg-dry	123774	1	1/13/2010 12:25 AM
Tetrachloroethene	2000	280		ug/Kg-dry	123758	50	1/13/2010 6:53 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123758	50	1/13/2010 6:53 PM
Surr: 4-Bromofluorobenzene	92.8	58.2-140		%REC	123774	1	1/13/2010 12:25 AM
Surr: Dibromofluoromethane	89.2	71.1-132		%REC	123758	50	1/13/2010 6:53 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123774	1	1/13/2010 12:25 AM
Surr: Toluene-d8	89.5	77.6-119		%REC	123758	50	1/13/2010 6:53 PM
Surr: Toluene-d8	102	77.6-119		%REC	123774	1	1/13/2010 12:25 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	17.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-018

Client Sample ID: GP-100 4'
Collection Date: 1/8/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Trichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Tetrachloroethene	150	4.9		ug/Kg-dry	123774	1	1/13/2010 12:00 AM
Surr: 4-Bromofluorobenzene	95.9	58.2-140		%REC	123774	1	1/13/2010 12:00 AM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123774	1	1/13/2010 12:00 AM
Surr: Toluene-d8	102	77.6-119		%REC	123774	1	1/13/2010 12:00 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	10.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-019

Client Sample ID: GP-AS-39 11'
Collection Date: 1/9/2010 9:35:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:47 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:42 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:42 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:42 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:42 PM
Lead	0.111	0.0500		mg/L	123846	1	1/14/2010 2:42 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:42 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:42 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 4:57 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Tetrachloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 4:57 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 4:57 PM
Surr: 4-Bromofluorobenzene	87.9	65.3-127		%REC	123789	20	1/15/2010 4:57 PM
Surr: Dibromofluoromethane	97.9	76.3-123		%REC	123789	20	1/15/2010 4:57 PM
Surr: Toluene-d8	82.9	82-119		%REC	123789	20	1/15/2010 4:57 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	170		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
Trichloroethene	BRL	5.8		ug/Kg-dry	123774	1	1/12/2010 10:19 PM
Tetrachloroethene	530	330		ug/Kg-dry	123758	50	1/13/2010 7:20 PM
Surr: 4-Bromofluorobenzene	95.8	58.2-140		%REC	123774	1	1/12/2010 10:19 PM
Surr: 4-Bromofluorobenzene	90.0	58.2-140		%REC	123758	50	1/13/2010 7:20 PM
Surr: Dibromofluoromethane	90.8	71.1-132		%REC	123758	50	1/13/2010 7:20 PM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123774	1	1/12/2010 10:19 PM
Surr: Toluene-d8	101	77.6-119		%REC	123774	1	1/12/2010 10:19 PM
Surr: Toluene-d8	90.0	77.6-119		%REC	123758	50	1/13/2010 7:20 PM
PERCENT MOISTURE D2216							Analyst: AZS

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	GP-AS-39 11'
Project:	Williamson Dickie	**Collection Date:**	1/9/2010 9:35:00 AM
Lab ID:	1001544-019	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	27.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-022

Client Sample ID: GP-5D 3'
Collection Date: 1/9/2010 10:25:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:49 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:46 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:46 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:46 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:46 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:46 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:46 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:46 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 5:25 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Tetrachloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:25 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 5:25 PM
Surr: 4-Bromofluorobenzene	80.1	65.3-127		%REC	123789	20	1/15/2010 5:25 PM
Surr: Dibromofluoromethane	107	76.3-123		%REC	123789	20	1/15/2010 5:25 PM
Surr: Toluene-d8	86.5	82-119		%REC	123789	20	1/15/2010 5:25 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: JTC
1,4-Dioxane	BRL	7500		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
Vinyl chloride	BRL	500		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
1,1-Dichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
trans-1,2-Dichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
cis-1,2-Dichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
Trichloroethene	BRL	250		ug/Kg-dry	123883	50	1/15/2010 3:50 AM
Tetrachloroethene	39000	2500		ug/Kg-dry	123883	500	1/15/2010 3:28 PM
Surr: 4-Bromofluorobenzene	87.1	58.2-140		%REC	123883	500	1/15/2010 3:28 PM
Surr: 4-Bromofluorobenzene	87.5	58.2-140		%REC	123883	50	1/15/2010 3:50 AM
Surr: Dibromofluoromethane	88.8	71.1-132		%REC	123883	50	1/15/2010 3:50 AM
Surr: Dibromofluoromethane	92.6	71.1-132		%REC	123883	500	1/15/2010 3:28 PM
Surr: Toluene-d8	91.4	77.6-119		%REC	123883	50	1/15/2010 3:50 AM
Surr: Toluene-d8	89.3	77.6-119		%REC	123883	500	1/15/2010 3:28 PM
PERCENT MOISTURE D2216							Analyst: AZS

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	GP-5D 3'
Project:	Williamson Dickie	**Collection Date:**	1/9/2010 10:25:00 AM
Lab ID:	1001544-022	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	23.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-023

Client Sample ID: DUP-03
Collection Date: 1/9/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:51 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:51 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:51 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:51 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:51 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:51 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:51 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:51 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 5:54 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Tetrachloroethene	5.9	0.25	*	mg/L	123789	50	1/16/2010 12:31 AM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 5:54 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 5:54 PM
Surr: 4-Bromofluorobenzene	78.7	65.3-127		%REC	123789	50	1/16/2010 12:31 AM
Surr: 4-Bromofluorobenzene	78.7	65.3-127		%REC	123789	20	1/15/2010 5:54 PM
Surr: Dibromofluoromethane	103	76.3-123		%REC	123789	50	1/16/2010 12:31 AM
Surr: Dibromofluoromethane	104	76.3-123		%REC	123789	20	1/15/2010 5:54 PM
Surr: Toluene-d8	91.8	82-119		%REC	123789	20	1/15/2010 5:54 PM
Surr: Toluene-d8	87.2	82-119		%REC	123789	50	1/16/2010 12:31 AM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	150		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
Trichloroethene	19	4.9		ug/Kg-dry	123911	1	1/15/2010 5:48 PM
Tetrachloroethene	2800	260		ug/Kg-dry	123883	50	1/15/2010 4:17 AM
Surr: 4-Bromofluorobenzene	87.7	58.2-140		%REC	123883	50	1/15/2010 4:17 AM
Surr: 4-Bromofluorobenzene	90.6	58.2-140		%REC	123911	1	1/15/2010 5:48 PM
Surr: Dibromofluoromethane	86.9	71.1-132		%REC	123883	50	1/15/2010 4:17 AM
Surr: Dibromofluoromethane	98.3	71.1-132		%REC	123911	1	1/15/2010 5:48 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	DUP-03
Project:	Williamson Dickie	**Collection Date:**	1/9/2010
Lab ID:	1001544-023	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5035)**		Analyst: **FA**
Surr: Toluene-d8	88.2	77.6-119		%REC	123883	50	1/15/2010 4:17 AM
Surr: Toluene-d8	100	77.6-119		%REC	123911	1	1/15/2010 5:48 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-024

Client Sample ID: HA-23 3'
Collection Date: 1/9/2010 10:40:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
Vinyl chloride	BRL	9.9		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
Trichloroethene	67	5.0		ug/Kg-dry	123884	1	1/15/2010 5:22 PM
Tetrachloroethene	1100	260		ug/Kg-dry	123883	50	1/14/2010 10:00 PM
Surr: 4-Bromofluorobenzene	90.1	58.2-140		%REC	123883	50	1/14/2010 10:00 PM
Surr: 4-Bromofluorobenzene	94.3	58.2-140		%REC	123884	1	1/15/2010 5:22 PM
Surr: Dibromofluoromethane	90.6	71.1-132		%REC	123883	50	1/14/2010 10:00 PM
Surr: Dibromofluoromethane	98.9	71.1-132		%REC	123884	1	1/15/2010 5:22 PM
Surr: Toluene-d8	90.8	77.6-119		%REC	123883	50	1/14/2010 10:00 PM
Surr: Toluene-d8	102	77.6-119		%REC	123884	1	1/15/2010 5:22 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.7	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-026

Client Sample ID: GP-2A 3'
Collection Date: 1/9/2010 10:58:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7100		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
Vinyl chloride	BRL	470		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
1,1-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
trans-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
cis-1,2-Dichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
Trichloroethene	BRL	240		ug/Kg-dry	123883	50	1/15/2010 4:44 AM
Tetrachloroethene	25000	2400		ug/Kg-dry	123883	500	1/15/2010 3:55 PM
Surr: 4-Bromofluorobenzene	87.2	58.2-140		%REC	123883	50	1/15/2010 4:44 AM
Surr: 4-Bromofluorobenzene	86.4	58.2-140		%REC	123883	500	1/15/2010 3:55 PM
Surr: Dibromofluoromethane	88.6	71.1-132		%REC	123883	50	1/15/2010 4:44 AM
Surr: Dibromofluoromethane	91.9	71.1-132		%REC	123883	500	1/15/2010 3:55 PM
Surr: Toluene-d8	89.9	77.6-119		%REC	123883	50	1/15/2010 4:44 AM
Surr: Toluene-d8	91.2	77.6-119		%REC	123883	500	1/15/2010 3:55 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.8	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-028

Client Sample ID: GP-3A 5'
Collection Date: 1/9/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Trichloroethene	BRL	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Tetrachloroethene	30	5.4		ug/Kg-dry	123911	1	1/15/2010 4:05 PM
Surr: 4-Bromofluorobenzene	93.1	58.2-140		%REC	123911	1	1/15/2010 4:05 PM
Surr: Dibromofluoromethane	105	71.1-132		%REC	123911	1	1/15/2010 4:05 PM
Surr: Toluene-d8	101	77.6-119		%REC	123911	1	1/15/2010 4:05 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.2	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-029

Client Sample ID: GP-5GR 3'
Collection Date: 1/9/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
Vinyl chloride	BRL	10		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
Trichloroethene	13	5.2		ug/Kg-dry	123884	1	1/15/2010 12:15 PM
Tetrachloroethene	6600	260		ug/Kg-dry	123898	50	1/15/2010 1:40 PM
Surr: 4-Bromofluorobenzene	94.0	58.2-140		%REC	123884	1	1/15/2010 12:15 PM
Surr: 4-Bromofluorobenzene	103	58.2-140		%REC	123898	50	1/15/2010 1:40 PM
Surr: Dibromofluoromethane	97.1	71.1-132		%REC	123884	1	1/15/2010 12:15 PM
Surr: Dibromofluoromethane	105	71.1-132		%REC	123898	50	1/15/2010 1:40 PM
Surr: Toluene-d8	97.7	77.6-119		%REC	123884	1	1/15/2010 12:15 PM
Surr: Toluene-d8	96.9	77.6-119		%REC	123898	50	1/15/2010 1:40 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-030

Client Sample ID: GP-1A 10'
Collection Date: 1/9/2010 11:23:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	190		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
1,1-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
trans-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
cis-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Trichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Tetrachloroethene	24	6.2		ug/Kg-dry	123884	1	1/15/2010 11:00 AM
Surr: 4-Bromofluorobenzene	100	58.2-140		%REC	123884	1	1/15/2010 11:00 AM
Surr: Dibromofluoromethane	97.8	71.1-132		%REC	123884	1	1/15/2010 11:00 AM
Surr: Toluene-d8	96.9	77.6-119		%REC	123884	1	1/15/2010 11:00 AM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	21.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-031

Client Sample ID: HA-19 5'
Collection Date: 1/9/2010 11:50:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	170		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
1,1-Dichloroethene	BRL	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
trans-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
cis-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Trichloroethene	9.9	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Tetrachloroethene	47	5.7		ug/Kg-dry	123884	1	1/15/2010 12:41 PM
Surr: 4-Bromofluorobenzene	95.5	58.2-140		%REC	123884	1	1/15/2010 12:41 PM
Surr: Dibromofluoromethane	98.2	71.1-132		%REC	123884	1	1/15/2010 12:41 PM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 12:41 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	13.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-032

Client Sample ID: DUP-04
Collection Date: 1/9/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
1,1-Dichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
trans-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
cis-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Trichloroethene	BRL	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Tetrachloroethene	17	5.3		ug/Kg-dry	123884	1	1/15/2010 1:06 PM
Surr: 4-Bromofluorobenzene	94.4	58.2-140		%REC	123884	1	1/15/2010 1:06 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123884	1	1/15/2010 1:06 PM
Surr: Toluene-d8	102	77.6-119		%REC	123884	1	1/15/2010 1:06 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	20.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-034

Client Sample ID: GP-2B 5'
Collection Date: 1/9/2010 12:06:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Trichloroethene	BRL	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Tetrachloroethene	14	4.9		ug/Kg-dry	123884	1	1/15/2010 1:32 PM
Surr: 4-Bromofluorobenzene	99.3	58.2-140		%REC	123884	1	1/15/2010 1:32 PM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123884	1	1/15/2010 1:32 PM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 1:32 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-035

Client Sample ID: GP-AS-23 5'
Collection Date: 1/9/2010 12:15:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	140		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Vinyl chloride	BRL	9.3		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Trichloroethene	BRL	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Tetrachloroethene	89	4.6		ug/Kg-dry	123884	1	1/15/2010 1:57 PM
Surr: 4-Bromofluorobenzene	94.8	58.2-140		%REC	123884	1	1/15/2010 1:57 PM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123884	1	1/15/2010 1:57 PM
Surr: Toluene-d8	100	77.6-119		%REC	123884	1	1/15/2010 1:57 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	15.1	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-036

Client Sample ID: DUP-02
Collection Date: 1/9/2010
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	160		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Trichloroethene	BRL	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Tetrachloroethene	67	5.4		ug/Kg-dry	123774	1	1/12/2010 10:44 PM
Surr: 4-Bromofluorobenzene	96.8	58.2-140		%REC	123774	1	1/12/2010 10:44 PM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123774	1	1/12/2010 10:44 PM
Surr: Toluene-d8	99.6	77.6-119		%REC	123774	1	1/12/2010 10:44 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	19.8	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-037

Client Sample ID: GP-101 3'
Collection Date: 1/9/2010 12:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JTC**
1,4-Dioxane	BRL	7000		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Vinyl chloride	BRL	470		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
1,1-Dichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
trans-1,2-Dichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
cis-1,2-Dichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Trichloroethene	BRL	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Tetrachloroethene	8200	230		ug/Kg-dry	123883	50	1/15/2010 7:52 AM
Surr: 4-Bromofluorobenzene	86.7	58.2-140		%REC	123883	50	1/15/2010 7:52 AM
Surr: Dibromofluoromethane	88.1	71.1-132		%REC	123883	50	1/15/2010 7:52 AM
Surr: Toluene-d8	88.8	77.6-119		%REC	123883	50	1/15/2010 7:52 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	12.4	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-038

Client Sample ID: GP-101 8'
Collection Date: 1/9/2010 12:35:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
1,1-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
trans-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
cis-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Trichloroethene	BRL	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Tetrachloroethene	40	6.2		ug/Kg-dry	123884	1	1/15/2010 3:15 PM
Surr: 4-Bromofluorobenzene	94.2	58.2-140		%REC	123884	1	1/15/2010 3:15 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123884	1	1/15/2010 3:15 PM
Surr: Toluene-d8	103	77.6-119		%REC	123884	1	1/15/2010 3:15 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	24.0	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-039

Client Sample ID: GP-102 3'
Collection Date: 1/9/2010 12:50:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	130		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Vinyl chloride	BRL	9.0		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Trichloroethene	BRL	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Tetrachloroethene	170	4.5		ug/Kg-dry	123911	1	1/15/2010 4:31 PM
Surr: 4-Bromofluorobenzene	89.0	58.2-140		%REC	123911	1	1/15/2010 4:31 PM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123911	1	1/15/2010 4:31 PM
Surr: Toluene-d8	97.1	77.6-119		%REC	123911	1	1/15/2010 4:31 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	14.9	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-042

Client Sample ID: GP-103 8'
Collection Date: 1/9/2010 1:12:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: FA
1,4-Dioxane	BRL	170		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Trichloroethene	BRL	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Tetrachloroethene	65	5.8		ug/Kg-dry	123884	1	1/15/2010 3:40 PM
Surr: 4-Bromofluorobenzene	93.7	58.2-140		%REC	123884	1	1/15/2010 3:40 PM
Surr: Dibromofluoromethane	98.5	71.1-132		%REC	123884	1	1/15/2010 3:40 PM
Surr: Toluene-d8	99.1	77.6-119		%REC	123884	1	1/15/2010 3:40 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	22.3	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-043

Client Sample ID: GP-104 3'
Collection Date: 1/9/2010 1:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				(SW5035)			Analyst: FA
1,4-Dioxane	BRL	190		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Vinyl chloride	BRL	13		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
1,1-Dichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
trans-1,2-Dichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
cis-1,2-Dichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Trichloroethene	BRL	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Tetrachloroethene	120	6.4		ug/Kg-dry	123884	1	1/15/2010 2:23 PM
Surr: 4-Bromofluorobenzene	71.6	58.2-140		%REC	123884	1	1/15/2010 2:23 PM
Surr: Dibromofluoromethane	110	71.1-132		%REC	123884	1	1/15/2010 2:23 PM
Surr: Toluene-d8	92.2	77.6-119		%REC	123884	1	1/15/2010 2:23 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	17.2	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-044

Client Sample ID: GP-104 8'
Collection Date: 1/9/2010 1:35:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP SW1311/7470A					(SW7470)		Analyst: MAW
Mercury	BRL	0.00400		mg/L	123853	1	1/14/2010 2:53 PM
ICP METALS, TCLP SW1311/6010C					(SW3010A)		Analyst: JY
Arsenic	BRL	0.250		mg/L	123846	1	1/14/2010 2:55 PM
Barium	BRL	0.500		mg/L	123846	1	1/14/2010 2:55 PM
Cadmium	BRL	0.0250		mg/L	123846	1	1/14/2010 2:55 PM
Chromium	BRL	0.0500		mg/L	123846	1	1/14/2010 2:55 PM
Lead	BRL	0.0500		mg/L	123846	1	1/14/2010 2:55 PM
Selenium	BRL	0.100		mg/L	123846	1	1/14/2010 2:55 PM
Silver	BRL	0.0250		mg/L	123846	1	1/14/2010 2:55 PM
VOLATILES, TCLP SW1311/8260B					(SW5030B)		Analyst: JE
1,1-Dichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
1,2-Dichloroethane	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
2-Butanone	BRL	0.20		mg/L	123789	20	1/15/2010 6:23 PM
Benzene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Carbon tetrachloride	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Chlorobenzene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Chloroform	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Tetrachloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Trichloroethene	BRL	0.10		mg/L	123789	20	1/15/2010 6:23 PM
Vinyl chloride	BRL	0.040		mg/L	123789	20	1/15/2010 6:23 PM
Surr: 4-Bromofluorobenzene	83.2	65.3-127		%REC	123789	20	1/15/2010 6:23 PM
Surr: Dibromofluoromethane	109	76.3-123		%REC	123789	20	1/15/2010 6:23 PM
Surr: Toluene-d8	92.7	82-119		%REC	123789	20	1/15/2010 6:23 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					(SW5035)		Analyst: FA
1,4-Dioxane	BRL	180		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Vinyl chloride	BRL	12		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
1,1-Dichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
trans-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
cis-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Trichloroethene	BRL	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Tetrachloroethene	47	6.0		ug/Kg-dry	123884	1	1/15/2010 2:49 PM
Surr: 4-Bromofluorobenzene	95.8	58.2-140		%REC	123884	1	1/15/2010 2:49 PM
Surr: Dibromofluoromethane	99.2	71.1-132		%REC	123884	1	1/15/2010 2:49 PM
Surr: Toluene-d8	104	77.6-119		%REC	123884	1	1/15/2010 2:49 PM
PERCENT MOISTURE D2216							Analyst: AZS
Percent Moisture	19.7	0		wt%		1	1/14/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001544-045

Client Sample ID: TRIP BLANK
Collection Date: 1/11/2010
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5030B)**		Analyst: **JTC**
1,1-Dichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
1,4-Dioxane	BRL	150		ug/L	123708	1	1/13/2010 5:05 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
Tetrachloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
Trichloroethene	BRL	5.0		ug/L	123708	1	1/13/2010 5:05 PM
Vinyl chloride	BRL	2.0		ug/L	123708	1	1/13/2010 5:05 PM
Surr: 4-Bromofluorobenzene	85.9	60.1-127		%REC	123708	1	1/13/2010 5:05 PM
Surr: Dibromofluoromethane	92.6	79.6-126		%REC	123708	1	1/13/2010 5:05 PM
Surr: Toluene-d8	88.5	78-116		%REC	123708	1	1/13/2010 5:05 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY, TCLP SW1311/7470A

Sample ID: **MB-123853** SampType: **MBLK** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384816**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.00400	0	0	0	0	0	0	0		

Sample ID: **LCS-123853** SampType: **LCS** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384817**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04111	0.00400	0.04	0	103	80	120	0	0		

Sample ID: **1001544-009DMS** SampType: **MS** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: **HA-30 5'** TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384821**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04062	0.00400	0.04	0	102	80	120	0	0		

Sample ID: **1001544-009DMSD** SampType: **MSD** Batch ID: **123853** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163564**
Client ID: **HA-30 5'** TestCode: **MERCURY, TCLP SW1311/7470A** Analysis Date: **1/14/2010** SeqNo: **3384822**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04047	0.00400	0.04	0	101	80	120	0.04062	0.378	20	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS, TCLP SW1311/6010C

Sample ID: **MB-123846** SampType: **MBLK** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384853**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250	0	0	0	0	0	0	0		
Barium	BRL	0.500	0	0	0	0	0	0	0		
Cadmium	BRL	0.0250	0	0	0	0	0	0	0		
Chromium	BRL	0.0500	0	0	0	0	0	0	0		
Lead	BRL	0.0500	0	0	0	0	0	0	0		
Selenium	BRL	0.100	0	0	0	0	0	0	0		
Silver	BRL	0.0250	0	0	0	0	0	0	0		

Sample ID: **MB-123846-2** SampType: **MBLK** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384854**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250	0	0	0	0	0	0	0		
Barium	BRL	0.500	0	0	0	0	0	0	0		
Cadmium	BRL	0.0250	0	0	0	0	0	0	0		
Chromium	BRL	0.0500	0	0	0	0	0	0	0		
Lead	BRL	0.0500	0	0	0	0	0	0	0		
Selenium	BRL	0.100	0	0	0	0	0	0	0		
Silver	BRL	0.0250	0	0	0	0	0	0	0		

Sample ID: **LCS-123846** SampType: **LCS** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384852**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.27	0.250	5	0	105	85	115	0	0		
Barium	4.943	0.500	5	0	98.9	80	120	0	0		
Cadmium	5.094	0.0250	5	0	102	85	115	0	0		
Chromium	5.098	0.0500	5	0	102	85	115	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS, TCLP SW1311/6010C

Sample ID: **LCS-123846** SampType: **LCS** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384852**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.891	0.0500	5	0	97.8	85	115	0	0		
Selenium	5.333	0.100	5	0	107	85	115	0	0		
Silver	0.5058	0.0250	0.5	0	101	85	115	0	0		

Sample ID: **1001544-009DMS** SampType: **MS** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: **HA-30 5'** TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384856**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.271	0.250	5	0	105	50	150	0	0		
Barium	5.217	0.500	5	0.3293	97.7	50	150	0	0		
Cadmium	5.071	0.0250	5	0	101	50	150	0	0		
Chromium	5.087	0.0500	5	0	102	50	150	0	0		
Lead	4.922	0.0500	5	0.04511	97.5	50	150	0	0		
Selenium	5.31	0.100	5	0	106	50	150	0	0		
Silver	0.503	0.0250	0.5	0	101	50	150	0	0		

Sample ID: **1001544-009DMSD** SampType: **MSD** Batch ID: **123846** Units: **mg/L** Prep Date: **1/14/2010** RunNo: **163561**
Client ID: **HA-30 5'** TestCode: **ICP METALS, TCLP SW1311/6010C** Analysis Date: **1/14/2010** SeqNo: **3384857**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.183	0.250	5	0	104	50	150	5.271	1.68	30	
Barium	5.169	0.500	5	0.3293	96.8	50	150	5.217	0.919	30	
Cadmium	5	0.0250	5	0	100	50	150	5.071	1.41	30	
Chromium	4.995	0.0500	5	0	99.9	50	150	5.087	1.84	30	
Lead	4.832	0.0500	5	0.04511	95.7	50	150	4.922	1.84	30	
Selenium	5.255	0.100	5	0	105	50	150	5.31	1.03	30	
Silver	0.4959	0.0250	0.5	0	99.2	50	150	0.503	1.43	30	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: VOLATILES, TCLP SW1311/8260B

Sample ID: **MB-123789** SampType: **MBLK** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.0050									
1,2-Dichloroethane	BRL	0.0050									
2-Butanone	BRL	0.010									
Benzene	BRL	0.0050									
Carbon tetrachloride	BRL	0.0050									
Chlorobenzene	BRL	0.0050									
Chloroform	BRL	0.0050									
Tetrachloroethene	BRL	0.0050									
Trichloroethene	BRL	0.0050									
Vinyl chloride	BRL	0.0020									
Surr: 4-Bromofluorobenzene	0.04227	0	0.05	0	84.5	65.3	127	0	0		
Surr: Dibromofluoromethane	0.05035	0	0.05	0	101	76.3	123	0	0		
Surr: Toluene-d8	0.04394	0	0.05	0	87.9	82	119	0	0		

Sample ID: **LCS-123789** SampType: **LCS** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381816**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.06185	0.0050	0.05	0	124	68.2	155	0	0		
1,2-Dichloroethane	0.0535	0.0050	0.05	0	107	68.2	135	0	0		
2-Butanone	0.1025	0.010	0.1	0	103	37.1	173	0	0		
Benzene	0.05769	0.0050	0.05	0	115	79.4	134	0	0		
Carbon tetrachloride	0.05972	0.0050	0.05	0	119	60.9	158	0	0		
Chlorobenzene	0.05542	0.0050	0.05	0	111	80.3	124	0	0		
Chloroform	0.05272	0.0050	0.05	0	105	75.6	130	0	0		
Tetrachloroethene	0.05678	0.0050	0.05	0	114	71.9	145	0	0		
Trichloroethene	0.05135	0.0050	0.05	0	103	80.4	136	0	0		
Vinyl chloride	0.06036	0.0020	0.05	0	121	62.3	145	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: VOLATILES, TCLP SW1311/8260B

Sample ID: **LCS-123789** SampType: **LCS** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381816**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.05314	0	0.05	0	106	65.3	127	0	0		
Surr: Dibromofluoromethane	0.05189	0	0.05	0	104	76.3	123	0	0		
Surr: Toluene-d8	0.05452	0	0.05	0	109	82	119	0	0		

Sample ID: **1001152-002AMS** SampType: **MS** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163396**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/12/2010** SeqNo: **3381822**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.9796	0.10	1	0	98	70.7	154	0	0		*
1,2-Dichloroethane	1.06	0.10	1	0	106	55.8	146	0	0		*
2-Butanone	1.944	0.20	2	0	97.2	34.5	198	0	0		
Benzene	1.042	0.10	1	0	104	83	132	0	0		*
Carbon tetrachloride	0.8664	0.10	1	0	86.6	56.7	162	0	0		*
Chlorobenzene	1.015	0.10	1	0	102	83	122	0	0		
Chloroform	0.946	0.10	1	0	94.6	77.4	130	0	0		
Tetrachloroethene	0.9642	0.10	1	0	96.4	67.8	149	0	0		*
Trichloroethene	1.004	0.10	1	0	100	82.5	136	0	0		*
Vinyl chloride	0.9094	0.040	1	0	90.9	46.9	167	0	0		*
Surr: 4-Bromofluorobenzene	1.01	0	1	0	101	65.3	127	0	0		
Surr: Dibromofluoromethane	1.031	0	1	0	103	76.3	123	0	0		
Surr: Toluene-d8	1.059	0	1	0	106	82	119	0	0		

Sample ID: **1001152-002ADUP** SampType: **DUP** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163439**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/13/2010** SeqNo: **3381935**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	30	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: VOLATILES, TCLP SW1311/8260B

Sample ID: **1001152-002ADUP** SampType: **DUP** Batch ID: **123789** Units: **mg/L** Prep Date: **1/12/2010** RunNo: **163439**
Client ID: TestCode: **VOLATILES, TCLP SW1311/8260B** Analysis Date: **1/13/2010** SeqNo: **3381935**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	BRL	0.010	0	0	0	0	0	0	0	30	
Benzene	BRL	0.0050	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.0050	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.0050	0	0	0	0	0	0	0	30	
Tetrachloroethene	BRL	0.0050	0	0	0	0	0	0	0	30	
Trichloroethene	BRL	0.0050	0	0	0	0	0	0	0	30	
Vinyl chloride	BRL	0.0020	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	0.03996	0	0.05	0	79.9	65.3	127	0.03951	0	0	
Surr: Dibromofluoromethane	0.05128	0	0.05	0	103	76.3	123	0.05377	0	0	
Surr: Toluene-d8	0.0469	0	0.05	0	93.8	82	119	0.04778	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123758** SampType: **MBLK** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381100**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2234	0	2500	0	89.4	58.2	140	0	0		
Surr: Dibromofluoromethane	2342	0	2500	0	93.7	71.1	132	0	0		
Surr: Toluene-d8	2184	0	2500	0	87.4	77.6	119	0	0		

Sample ID: **MB-123774** SampType: **MBLK** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381479**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	49.16	0	50	0	98.3	58.2	140	0	0		
Surr: Dibromofluoromethane	50	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.61	0	50	0	99.2	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123884** SampType: **MBLK** Batch ID: **123884** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385342**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	45.96	0	50	0	91.9	58.2	140	0	0		
Surr: Dibromofluoromethane	49.8	0	50	0	99.6	71.1	132	0	0		
Surr: Toluene-d8	50.04	0	50	0	100	77.6	119	0	0		

Sample ID: **MB-123898** SampType: **MBLK** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2565	0	2500	0	103	58.2	140	0	0		
Surr: Dibromofluoromethane	2509	0	2500	0	100	71.1	132	0	0		
Surr: Toluene-d8	2488	0	2500	0	99.5	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123883** SampType: **MBLK** Batch ID: **123883** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385792**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2198	0	2500	0	87.9	58.2	140	0	0		
Surr: Dibromofluoromethane	2358	0	2500	0	94.3	71.1	132	0	0		
Surr: Toluene-d8	2224	0	2500	0	89	77.6	119	0	0		

Sample ID: **MB-123911** SampType: **MBLK** Batch ID: **123911** Units: **ug/Kg** Prep Date: **1/15/2010** RunNo: **163682**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/15/2010** SeqNo: **3387466**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	44.16	0	50	0	88.3	58.2	140	0	0		
Surr: Dibromofluoromethane	48.93	0	50	0	97.9	71.1	132	0	0		
Surr: Toluene-d8	48.36	0	50	0	96.7	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123758** SampType: **LCS** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2413	250	2500	0	96.5	66.1	158	0	0		
Trichloroethene	2731	250	2500	0	109	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2266	0	2500	0	90.6	58.2	140	0	0		
Surr: Dibromofluoromethane	2396	0	2500	0	95.8	71.1	132	0	0		
Surr: Toluene-d8	2274	0	2500	0	91	77.6	119	0	0		

Sample ID: **LCS-123774** SampType: **LCS** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.21	5.0	50	0	112	66.1	158	0	0		
Trichloroethene	55.87	5.0	50	0	112	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	50.41	0	50	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	50.17	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.91	0	50	0	99.8	77.6	119	0	0		

Sample ID: **LCS-123884** SampType: **LCS** Batch ID: **123884** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385340**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	67.26	5.0	50	0	135	66.1	158	0	0		
Trichloroethene	57.6	5.0	50	0	115	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	46.31	0	50	0	92.6	58.2	140	0	0		
Surr: Dibromofluoromethane	48.47	0	50	0	96.9	71.1	132	0	0		
Surr: Toluene-d8	48.58	0	50	0	97.2	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123898** SampType: **LCS** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385758**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1966	250	2500	0	78.7	66.1	158	0	0		
Trichloroethene	2278	250	2500	0	91.1	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2510	0	2500	0	100	58.2	140	0	0		
Surr: Dibromofluoromethane	2524	0	2500	0	101	71.1	132	0	0		
Surr: Toluene-d8	2514	0	2500	0	101	77.6	119	0	0		

Sample ID: **LCS-123883** SampType: **LCS** Batch ID: **123883** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2290	250	2500	0	91.6	66.1	158	0	0		
Trichloroethene	2700	250	2500	0	108	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2274	0	2500	0	91	58.2	140	0	0		
Surr: Dibromofluoromethane	2324	0	2500	0	93	71.1	132	0	0		
Surr: Toluene-d8	2294	0	2500	0	91.8	77.6	119	0	0		

Sample ID: **LCS-123911** SampType: **LCS** Batch ID: **123911** Units: **ug/Kg** Prep Date: **1/15/2010** RunNo: **163682**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/15/2010** SeqNo: **3387464**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	60.62	5.0	50	0	121	66.1	158	0	0		
Trichloroethene	50.28	5.0	50	0	101	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	45.32	0	50	0	90.6	58.2	140	0	0		
Surr: Dibromofluoromethane	49.67	0	50	0	99.3	71.1	132	0	0		
Surr: Toluene-d8	49.96	0	50	0	99.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001560-001AMS** SampType: **MS** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381537**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2996	280	2829	0	106	60.6	160	0	0		
Trichloroethene	3193	280	2829	0	113	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2639	0	2829	0	93.3	58.2	140	0	0		
Surr: Dibromofluoromethane	2577	0	2829	0	91.1	71.1	132	0	0		
Surr: Toluene-d8	2559	0	2829	0	90.5	77.6	119	0	0		

Sample ID: **1001560-002AMS** SampType: **MS** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383938**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	70.11	6.1	61.37	0	114	60.6	160	0	0		
Trichloroethene	67.96	6.1	61.37	0	111	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	60.82	0	61.37	0	99.1	58.2	140	0	0		
Surr: Dibromofluoromethane	60.07	0	61.37	0	97.9	71.1	132	0	0		
Surr: Toluene-d8	60.26	0	61.37	0	98.2	77.6	119	0	0		

Sample ID: **1001318-001AMS** SampType: **MS** Batch ID: **123884** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385673**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	85.63	6.6	65.71	0	130	60.6	160	0	0		
Trichloroethene	71.91	6.6	65.71	0	109	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	59.95	0	65.71	0	91.2	58.2	140	0	0		
Surr: Dibromofluoromethane	64.68	0	65.71	0	98.4	71.1	132	0	0		
Surr: Toluene-d8	65.71	0	65.71	0	100	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001544-008AMS** SampType: **MS** Batch ID: **123883** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: **HA-30 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385800**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	436400	44000	442600	0	98.6	60.6	160	0	0		
Trichloroethene	460200	44000	442600	0	104	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	385000	0	442600	0	87	58.2	140	0	0		
Surr: Dibromofluoromethane	417400	0	442600	0	94.3	71.1	132	0	0		
Surr: Toluene-d8	391300	0	442600	0	88.4	77.6	119	0	0		

Sample ID: **1001544-029AMS** SampType: **MS** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: **GP-5GR 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3125	260	2623	0	119	60.6	160	0	0		
Trichloroethene	2674	260	2623	0	102	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2655	0	2623	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2674	0	2623	0	102	71.1	132	0	0		
Surr: Toluene-d8	2594	0	2623	0	98.9	77.6	119	0	0		

Sample ID: **1001856-002AMS** SampType: **MS** Batch ID: **123911** Units: **ug/Kg-dry** Prep Date: **1/15/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3393215**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	28.92	6.0	60.41	0	47.9	60.6	160	0	0		S
Trichloroethene	10.38	6.0	60.41	0	17.2	70.3	147	0	0		S
Surr: 4-Bromofluorobenzene	42.66	0	60.41	0	70.6	58.2	140	0	0		
Surr: Dibromofluoromethane	63.61	0	60.41	0	105	71.1	132	0	0		
Surr: Toluene-d8	60.63	0	60.41	0	100	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001560-001AMSD** SampType: **MSD** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2915	280	2829	0	103	60.6	160	2996	2.74	30.9	
Trichloroethene	3191	280	2829	0	113	70.3	147	3193	0.0709	28	
Surr: 4-Bromofluorobenzene	2553	0	2829	0	90.2	58.2	140	2639	0	0	
Surr: Dibromofluoromethane	2651	0	2829	0	93.7	71.1	132	2577	0	0	
Surr: Toluene-d8	2587	0	2829	0	91.5	77.6	119	2559	0	0	

Sample ID: **1001560-002AMSD** SampType: **MSD** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.82	6.1	61.37	0	106	60.6	160	70.11	7.84	30.9	
Trichloroethene	63.51	6.1	61.37	0	103	70.3	147	67.96	6.78	28	
Surr: 4-Bromofluorobenzene	62.38	0	61.37	0	102	58.2	140	60.82	0	0	
Surr: Dibromofluoromethane	59.42	0	61.37	0	96.8	71.1	132	60.07	0	0	
Surr: Toluene-d8	61.09	0	61.37	0	99.5	77.6	119	60.26	0	0	

Sample ID: **1001318-001AMSD** SampType: **MSD** Batch ID: **123884** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163586**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385674**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	87.04	6.6	65.71	0	132	60.6	160	85.63	1.63	30.9	
Trichloroethene	71.26	6.6	65.71	0	108	70.3	147	71.91	0.918	28	
Surr: 4-Bromofluorobenzene	60.6	0	65.71	0	92.2	58.2	140	59.95	0	0	
Surr: Dibromofluoromethane	64.43	0	65.71	0	98.1	71.1	132	64.68	0	0	
Surr: Toluene-d8	63.96	0	65.71	0	97.3	77.6	119	65.71	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001544-008AMSD** SampType: **MSD** Batch ID: **123883** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163545**
Client ID: **HA-30 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385802**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	446600	44000	442600	0	101	60.6	160	436400	2.31	30.9	
Trichloroethene	464900	44000	442600	0	105	70.3	147	460200	1.01	28	
Surr: 4-Bromofluorobenzene	400700	0	442600	0	90.5	58.2	140	385000	0	0	
Surr: Dibromofluoromethane	410800	0	442600	0	92.8	71.1	132	417400	0	0	
Surr: Toluene-d8	393400	0	442600	0	88.9	77.6	119	391300	0	0	

Sample ID: **1001544-029AMSD** SampType: **MSD** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: **GP-5GR 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3003	260	2623	0	114	60.6	160	3125	3.99	30.9	
Trichloroethene	2608	260	2623	0	99.4	70.3	147	2674	2.50	28	
Surr: 4-Bromofluorobenzene	2652	0	2623	0	101	58.2	140	2655	0	0	
Surr: Dibromofluoromethane	2606	0	2623	0	99.4	71.1	132	2674	0	0	
Surr: Toluene-d8	2531	0	2623	0	96.5	77.6	119	2594	0	0	

Sample ID: **1001856-002AMSD** SampType: **MSD** Batch ID: **123911** Units: **ug/Kg-dry** Prep Date: **1/15/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3393217**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	12.64	6.1	61.01	0	20.7	60.6	160	28.92	78.3	30.9	SR
Trichloroethene	BRL	6.1	61.01	0	6.48	70.3	147	10.38	0	28	S
Surr: 4-Bromofluorobenzene	45.98	0	61.01	0	75.4	58.2	140	42.66	0	0	
Surr: Dibromofluoromethane	32.95	0	61.01	0	54	71.1	132	63.61	0	0	S
Surr: Toluene-d8	60.51	0	61.01	0	99.2	77.6	119	60.63	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123708** SampType: **MBLK** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380277**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	44.76	0	50	0	89.5	60.1	127	0	0		
Surr: Dibromofluoromethane	46.75	0	50	0	93.5	79.6	126	0	0		
Surr: Toluene-d8	44.35	0	50	0	88.7	78	116	0	0		

Sample ID: **LCS-123708** SampType: **LCS** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380274**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	51.11	5.0	50	0	102	61.4	146	0	0		
Trichloroethene	54.92	5.0	50	0	110	74.4	130	0	0		
Surr: 4-Bromofluorobenzene	45.76	0	50	0	91.5	60.1	127	0	0		
Surr: Dibromofluoromethane	47.67	0	50	0	95.3	79.6	126	0	0		
Surr: Toluene-d8	44.98	0	50	0	90	78	116	0	0		

Sample ID: **1001226-001AMS** SampType: **MS** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380289**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.49	5.0	50	0	97	48.8	172	0	0		
Trichloroethene	54.3	5.0	50	0	109	70.3	140	0	0		
Surr: 4-Bromofluorobenzene	45.79	0	50	0	91.6	60.1	127	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001544
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001226-001AMS** SampType: **MS** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/11/2010** SeqNo: **3380289**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	47.2	0	50	0	94.4	79.6	126	0	0		
Surr: Toluene-d8	44.41	0	50	0	88.8	78	116	0	0		

Sample ID: **1001226-001AMSD** SampType: **MSD** Batch ID: **123708** Units: **ug/L** Prep Date: **1/11/2010** RunNo: **163371**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3380291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.05	5.0	50	0	94.1	48.8	172	48.49	3.01	21.6	
Trichloroethene	54.22	5.0	50	0	108	70.3	140	54.3	0.147	20.3	
Surr: 4-Bromofluorobenzene	45.8	0	50	0	91.6	60.1	127	45.79	0	0	
Surr: Dibromofluoromethane	48.29	0	50	0	96.6	79.6	126	47.2	0	0	
Surr: Toluene-d8	45.45	0	50	0	90.9	78	116	44.41	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 12, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX: (770) 590-9164

RE: Williamson Dickie

Order No.: 1001560

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 5 samples on 1/11/2010 1:57:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 11 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

for April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

10 01 560 Work Order: ~~1001560~~ MJ 11/12/10

Date: 1/7/10 Page 5 of 5

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw

PHONE: 770-590-8383

FAX: 770-590-3164

SAMPLED BY: Rita Coylane

SIGNATURE: [signature]

ANALYSIS REQUESTED: SW846 8260 | TCLP Metals | TCLP VOC

PRESERVATION (See codes): S/M+I | H | I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	SW846 8260	TCLP Metals (H)	TCLP VOC (I)	REMARKS	No # of Containers
1	GP-100 7'	1/9/10	945	X		SO	X			* Only analyze	
2	AEM-HA6 7'	1/9/10	955	X		SO	X			1,1 Dichloroethene	
3	GP-5D 11'	1/9/10	1030	X		SO	X			Cis-1,2-Dichloroethene	
4	HA-23 7'	1/9/10	1043	X		SO	X			Trans-1,2-Dichloroethene	
5	GP-1A 7'	1/9/10	1125	X		SO	X			Tetrachloroethene	
6	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			Trichloroethene	
7	[illegible]									Vinyl Chloride	
8										1,4 Dioxane	
9											
10										Rush these	
11										5 samples	
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hedley	1/11/10 12:03
2: Kathleen Hedley	1/11/10 1:57	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100584
SITE ADDRESS: 2411 Sullivan Rd ATL
SEND REPORT TO: S. Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ⊗ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ERM Work Order Number 1001560

Checklist completed by Mfe 1/12/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.9° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-001

Client Sample ID: GP-100 7'
Collection Date: 1/9/2010 9:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	170		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
1,1-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
trans-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
cis-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Trichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Tetrachloroethene	8.4	5.6		ug/Kg-dry	123774	1	1/12/2010 4:24 PM
Surr: 4-Bromofluorobenzene	103	58.2-140		%REC	123774	1	1/12/2010 4:24 PM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123774	1	1/12/2010 4:24 PM
Surr: Toluene-d8	99.7	77.6-119		%REC	123774	1	1/12/2010 4:24 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	18.9	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-002

Client Sample ID: AEM-HA6 7'
Collection Date: 1/9/2010 9:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Vinyl chloride	BRL	9.8		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Trichloroethene	BRL	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Tetrachloroethene	13	4.9		ug/Kg-dry	123774	1	1/12/2010 4:50 PM
Surr: 4-Bromofluorobenzene	101	58.2-140		%REC	123774	1	1/12/2010 4:50 PM
Surr: Dibromofluoromethane	103	71.1-132		%REC	123774	1	1/12/2010 4:50 PM
Surr: Toluene-d8	101	77.6-119		%REC	123774	1	1/12/2010 4:50 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	18.5	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-003

Client Sample ID: GP-5D 11'
Collection Date: 1/9/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JE**
1,4-Dioxane	BRL	200		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
Vinyl chloride	BRL	13		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
1,1-Dichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
trans-1,2-Dichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
cis-1,2-Dichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
Trichloroethene	BRL	6.6		ug/Kg-dry	123774	1	1/12/2010 4:34 PM
Tetrachloroethene	620	370		ug/Kg-dry	123758	50	1/12/2010 3:33 PM
Surr: 4-Bromofluorobenzene	79.3	58.2-140		%REC	123774	1	1/12/2010 4:34 PM
Surr: 4-Bromofluorobenzene	86.9	58.2-140		%REC	123758	50	1/12/2010 3:33 PM
Surr: Dibromofluoromethane	93.4	71.1-132		%REC	123774	1	1/12/2010 4:34 PM
Surr: Dibromofluoromethane	90.6	71.1-132		%REC	123758	50	1/12/2010 3:33 PM
Surr: Toluene-d8	87.8	77.6-119		%REC	123774	1	1/12/2010 4:34 PM
Surr: Toluene-d8	88.6	77.6-119		%REC	123758	50	1/12/2010 3:33 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	28.2	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-004

Client Sample ID: HA-23 7'
Collection Date: 1/9/2010 10:43:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JE**
1,4-Dioxane	BRL	170		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
1,1-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
trans-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
cis-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Trichloroethene	15	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Tetrachloroethene	89	5.6		ug/Kg-dry	123774	1	1/12/2010 5:27 PM
Surr: 4-Bromofluorobenzene	78.4	58.2-140		%REC	123774	1	1/12/2010 5:27 PM
Surr: Dibromofluoromethane	104	71.1-132		%REC	123774	1	1/12/2010 5:27 PM
Surr: Toluene-d8	95.4	77.6-119		%REC	123774	1	1/12/2010 5:27 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	19.9	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *12-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001560-005

Client Sample ID: GP-1A 7'
Collection Date: 1/9/2010 11:25:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **JE**
1,4-Dioxane	BRL	150		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Vinyl chloride	BRL	10		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Trichloroethene	BRL	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Tetrachloroethene	9.4	5.0		ug/Kg-dry	123774	1	1/12/2010 5:00 PM
Surr: 4-Bromofluorobenzene	84.6	58.2-140		%REC	123774	1	1/12/2010 5:00 PM
Surr: Dibromofluoromethane	106	71.1-132		%REC	123774	1	1/12/2010 5:00 PM
Surr: Toluene-d8	95.5	77.6-119		%REC	123774	1	1/12/2010 5:00 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	18.0	0		wt%		1	1/12/2010 10:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *14-Jan-10*

CLIENT: ERM-Southeast
Work Order: 1001560
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123758** SampType: **MBLK** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381100**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2234	0	2500	0	89.4	58.2	140	0	0		
Surr: Dibromofluoromethane	2342	0	2500	0	93.7	71.1	132	0	0		
Surr: Toluene-d8	2184	0	2500	0	87.4	77.6	119	0	0		

Sample ID: **MB-123774** SampType: **MBLK** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381479**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	49.16	0	50	0	98.3	58.2	140	0	0		
Surr: Dibromofluoromethane	50	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.61	0	50	0	99.2	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001560
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123758** SampType: **LCS** Batch ID: **123758** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2413	250	2500	0	96.5	66.1	158	0	0		
Trichloroethene	2731	250	2500	0	109	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2266	0	2500	0	90.6	58.2	140	0	0		
Surr: Dibromofluoromethane	2396	0	2500	0	95.8	71.1	132	0	0		
Surr: Toluene-d8	2274	0	2500	0	91	77.6	119	0	0		

Sample ID: **LCS-123774** SampType: **LCS** Batch ID: **123774** Units: **ug/Kg** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.21	5.0	50	0	112	66.1	158	0	0		
Trichloroethene	55.87	5.0	50	0	112	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	50.41	0	50	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	50.17	0	50	0	100	71.1	132	0	0		
Surr: Toluene-d8	49.91	0	50	0	99.8	77.6	119	0	0		

Sample ID: **1001560-001AMS** SampType: **MS** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: **GP-100 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381537**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2996	280	2829	0	106	60.6	160	0	0		
Trichloroethene	3193	280	2829	0	113	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2639	0	2829	0	93.3	58.2	140	0	0		
Surr: Dibromofluoromethane	2577	0	2829	0	91.1	71.1	132	0	0		
Surr: Toluene-d8	2559	0	2829	0	90.5	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001560
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001560-002AMS** SampType: **MS** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: **AEM-HA6 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383938**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	70.11	6.1	61.37	0	114	60.6	160	0	0		
Trichloroethene	67.96	6.1	61.37	0	111	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	60.82	0	61.37	0	99.1	58.2	140	0	0		
Surr: Dibromofluoromethane	60.07	0	61.37	0	97.9	71.1	132	0	0		
Surr: Toluene-d8	60.26	0	61.37	0	98.2	77.6	119	0	0		

Sample ID: **1001560-001AMSD** SampType: **MSD** Batch ID: **123758** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163388**
Client ID: **GP-100 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3381549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2915	280	2829	0	103	60.6	160	2996	2.74	30.9	
Trichloroethene	3191	280	2829	0	113	70.3	147	3193	0.0709	28	
Surr: 4-Bromofluorobenzene	2553	0	2829	0	90.2	58.2	140	2639	0	0	
Surr: Dibromofluoromethane	2651	0	2829	0	93.7	71.1	132	2577	0	0	
Surr: Toluene-d8	2587	0	2829	0	91.5	77.6	119	2559	0	0	

Sample ID: **1001560-002AMSD** SampType: **MSD** Batch ID: **123774** Units: **ug/Kg-dry** Prep Date: **1/12/2010** RunNo: **163426**
Client ID: **AEM-HA6 7'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/12/2010** SeqNo: **3383939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.82	6.1	61.37	0	106	60.6	160	70.11	7.84	30.9	
Trichloroethene	63.51	6.1	61.37	0	103	70.3	147	67.96	6.78	28	
Surr: 4-Bromofluorobenzene	62.38	0	61.37	0	102	58.2	140	60.82	0	0	
Surr: Dibromofluoromethane	59.42	0	61.37	0	96.8	71.1	132	60.07	0	0	
Surr: Toluene-d8	61.09	0	61.37	0	99.5	77.6	119	60.26	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 19, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX: (770) 590-9164

RE: Williamson Dickie

Order No.: 1001827

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 2 samples on 1/11/2010 1:57:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 11 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1001546~~ 1001827

Date: 1/7/10 Page 1 of 5

COMPANY: ERM

ADDRESS: 300 Chastain Center Blvd Suite 375 Kennesaw GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260 *, TCLP Metals, TCLP VOC

PRESERVATION (See codes): S/M+I, I, I

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260 *	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	~~[illegible]~~									* only analyze	
2	HA-32 3'	1/7/10	1000	X		SO	X			1,1 Dichloroethene	4
3	HA-32 5'		1010	X		SO	X			Cis-1,2-Dichloroethene	
4	GP-5E 3'		1020	X			X			Trans-1,2 Dichloroethe	
5	GP-AS-40 3'		1030	X			X			Tetrachloroethene	4
6	HA-31 3'		1105	X			X			Trichloroethene	4
7	HA-31 5'		1110	X			X			Vinyl Chloride	4
8	AEM-GP3 3'		1134	X			X			1,4-Dioxane	4
9	HA-30 3'		1150	X			X				4
10	HA-30 5'		1157	X			X	X	X		6
11	AEM-GP-4 1.5'		1240	X			X				4
12	HA-19 2.5'		1310	X			X				
13	~~[illegible]~~ GP-5H 3'		1320	X			X				
14	DUP-01		—	X			X				

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/7/10 1000	1: [signature]	1/7/10 12:02
2: Kathleen Hadley	1/7/10 1:58	2: [signature]	1/7/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: William Son Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Rd Atlanta GA
SEND REPORT TO: Shanna Thompson
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y/N; Fax? Y/N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1001544~~ 1001827

Date: 1/7/10 Page 2 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw, GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260* (S/M+I); TCLP Metals (7); TCLP VOC (I)

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-2C 1'	1/7/10	1340	X		SO	X			* see page 1	4
2	GP-2B 2'	1	1400	X		SO	X			for list of	4
3	AEM-HA6 4.5'	1/8/10	1130	X		SO	X			8260 analytes	4
4	GP-AS-39 3'	1/8/10	1154	X		SO	X				4
5	GP-100 4'	1/8/10	1200	X		SO	X				4
6	GP-AS-39 11'	1/9/10	935	X		SO	X	X	X		6
7	GP-100 10' *	1/9/10	950	X		SO	X			*HOLD	4
8	AEM-HA6 10' *	1/9/10	1000	X		SO	X			* HOLD	4
9	GP-5D 3'	1/9/10	1025	X		SO	X	X	X		
10	DUP-03	1/9/10	—	X		SO	X	X	X		
11	HA-23 3'	1/9/10	1040	X		SO	X				
12	HA-23 10' *	1/9/10	1045	X		SO	X			* HOLD	
13	GP-2A 3'	1/9/10	1058	X		SO	X				
14	GP-2A 10' *	1/9/10	1100	X		SO	X			* HOLD	

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: R Hoagland	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:02
2: Kathleen Hardley	1/11/10 1:58	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #:
SITE ADDRESS: 2411 Sullivan Road Atl, GA
SEND REPORT TO: Shanaca Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~100 1544~~ 1001527

Date: 1/7/10 Page 3 of ____

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA 30144

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260* (SW846); TCLP Metals (N); TCLP VOC (N)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260*	TCLP Metals	TCLP VOC	REMARKS	No # of Containers
1	GP-3A 5'	1/9/10	1110	X		SO	X			*See page 1 for list of analytes	4
2	GP-5GR 3'	1/9/10	1120	X		SO	X				4
3	GP-1A 10' *	1/9/10	1123	X		SO	X				4
4	~~[illegible]~~	~~1/9/10~~	~~1130~~	~~X~~		~~SO~~	~~X~~			* HOLD	~~4~~
5	~~[illegible]~~	~~1/9/10~~	~~1135~~	~~X~~		~~SO~~	~~X~~				
6	AA-19 5'	1/9/10	1150	X		SO	X				
7	DUP-04	1/9/10	—	X		SO	X				
8	GP-5H 3'	1/9/10	1155	X		SO	X				
9	GP-2B 5'	1/9/10	1206	X		SO	X				
10	GP-AS-23 5'	1/9/10	1215	X		SO	X				
11	~~[illegible]~~ DUP-02	1/9/10	—	X		SO	X				
12											
13											
14											

PRESERVATION (See codes): S/M+I; N; N

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:55
2: Kathleen Hardley	1/11/10 1:58	2: [signature]	1/11/10 1:52
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100566
SITE ADDRESS: 2411 Sullivan Rd, Atl, GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1001544~~ 1001827

Date: 1/7/10 Page 4 of

COMPANY: ERM

ADDRESS: 300 Chastain Center Suite 375 Kennesaw GA

PHONE: 770 590 8383

FAX: 770 590 9164

SAMPLED BY: R Hoagland

SIGNATURE: [signature]

ANALYSIS REQUESTED: 8260B, TCLP Metals, TCLP VOC

PRESERVATION (See codes): S/M+I, H, I

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260B	TCLP Metals	TCLP VOC	REMARKS
1	GP-101 3'	1/9/10	1230	X		SO	X			* See page 1 for list of analytes
2	GP-101 8'		1235				X			
3	GP-102 3'		1250				X			
4	GP-102 8'		1253				X			
5	GP-103 3'		1310				X			
6	GP-103 8'		1312				X			
7	GP-104 3'		1330				X			
8	GP-104 8'		1335				X	X	X	
9										
10										
11										
12										
13										
14										

No # of Containers

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1/11/10 1000	1: Kathleen Hardley	1/11/10 12:03
2: Kathleen Hardley	1/11/10 1:57	2: [signature]	1/11/10 1:57
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100586
SITE ADDRESS: 2411 Sullivan Rd Atl
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ☒ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

1001827

~~1001544~~ BPR 1/14/10

Client EMM Work Order Number

Checklist completed by [signature] 1/11/10 [signature] 1/12/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present ✓

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present __

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4°C Cooler #2 3.5°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *19-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001827-001

Client Sample ID: GP-2A 10'
Collection Date: 1/9/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	170		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
Vinyl chloride	BRL	12		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
Trichloroethene	BRL	5.8		ug/Kg-dry	123898	1	1/16/2010 8:13 AM
Tetrachloroethene	610	290		ug/Kg-dry	123898	50	1/15/2010 4:22 PM
Surr: 4-Bromofluorobenzene	88.9	58.2-140		%REC	123898	1	1/16/2010 8:13 AM
Surr: 4-Bromofluorobenzene	89.5	58.2-140		%REC	123898	50	1/15/2010 4:22 PM
Surr: Dibromofluoromethane	102	71.1-132		%REC	123898	1	1/16/2010 8:13 AM
Surr: Dibromofluoromethane	89.0	71.1-132		%REC	123898	50	1/15/2010 4:22 PM
Surr: Toluene-d8	101	77.6-119		%REC	123898	1	1/16/2010 8:13 AM
Surr: Toluene-d8	89.9	77.6-119		%REC	123898	50	1/15/2010 4:22 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	21.5	0		wt%		1	1/15/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *19-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001827-002

Client Sample ID: HA-23 10'
Collection Date: 1/9/2010 10:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	160		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Vinyl chloride	BRL	11		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
1,1-Dichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
trans-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
cis-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Trichloroethene	BRL	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Tetrachloroethene	39	5.5		ug/Kg-dry	123997	1	1/18/2010 2:34 PM
Surr: 4-Bromofluorobenzene	91.5	58.2-140		%REC	123997	1	1/18/2010 2:34 PM
Surr: Dibromofluoromethane	98.0	71.1-132		%REC	123997	1	1/18/2010 2:34 PM
Surr: Toluene-d8	99.8	77.6-119		%REC	123997	1	1/18/2010 2:34 PM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	26.6	0		wt%		1	1/15/2010 7:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

CLIENT: ERM-Southeast
Work Order: 1001827
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123898** SampType: **MBLK** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2565	0	2500	0	103	58.2	140	0	0		
Surr: Dibromofluoromethane	2509	0	2500	0	100	71.1	132	0	0		
Surr: Toluene-d8	2488	0	2500	0	99.5	77.6	119	0	0		

Sample ID: **MB-123997** SampType: **MBLK** Batch ID: **123997** Units: **ug/Kg** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389036**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	43.25	0	50	0	86.5	58.2	140	0	0		
Surr: Dibromofluoromethane	48.79	0	50	0	97.6	71.1	132	0	0		
Surr: Toluene-d8	49.71	0	50	0	99.4	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001827
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123898** SampType: **LCS** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385758**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1966	250	2500	0	78.7	66.1	158	0	0		
Trichloroethene	2278	250	2500	0	91.1	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2510	0	2500	0	100	58.2	140	0	0		
Surr: Dibromofluoromethane	2524	0	2500	0	101	71.1	132	0	0		
Surr: Toluene-d8	2514	0	2500	0	101	77.6	119	0	0		

Sample ID: **LCS-123997** SampType: **LCS** Batch ID: **123997** Units: **ug/Kg** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389399**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	55.86	5.0	50	0	112	66.1	158	0	0		
Trichloroethene	53.71	5.0	50	0	107	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	48.09	0	50	0	96.2	58.2	140	0	0		
Surr: Dibromofluoromethane	50.87	0	50	0	102	71.1	132	0	0		
Surr: Toluene-d8	53.44	0	50	0	107	77.6	119	0	0		

Sample ID: **1001544-029AMS** SampType: **MS** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3125	260	2623	0	119	60.6	160	0	0		
Trichloroethene	2674	260	2623	0	102	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2655	0	2623	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2674	0	2623	0	102	71.1	132	0	0		
Surr: Toluene-d8	2594	0	2623	0	98.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001827
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001827-002AMS** SampType: **MS** Batch ID: **123997** Units: **ug/Kg-dry** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: **HA-23 10'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389938**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	69.98	6.8	68.15	0	103	60.6	160	0	0		
Trichloroethene	67.84	6.8	68.15	0	99.5	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	66.12	0	68.15	0	97	58.2	140	0	0		
Surr: Dibromofluoromethane	65.72	0	68.15	0	96.4	71.1	132	0	0		
Surr: Toluene-d8	67.69	0	68.15	0	99.3	77.6	119	0	0		

Sample ID: **1001544-029AMSD** SampType: **MSD** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3003	260	2623	0	114	60.6	160	3125	3.99	30.9	
Trichloroethene	2608	260	2623	0	99.4	70.3	147	2674	2.50	28	
Surr: 4-Bromofluorobenzene	2652	0	2623	0	101	58.2	140	2655	0	0	
Surr: Dibromofluoromethane	2606	0	2623	0	99.4	71.1	132	2674	0	0	
Surr: Toluene-d8	2531	0	2623	0	96.5	77.6	119	2594	0	0	

Sample ID: **1001827-002AMSD** SampType: **MSD** Batch ID: **123997** Units: **ug/Kg-dry** Prep Date: **1/18/2010** RunNo: **163747**
Client ID: **HA-23 10'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/18/2010** SeqNo: **3389939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	72.64	6.8	68.15	0	107	60.6	160	69.98	3.73	30.9	
Trichloroethene	69.54	6.8	68.15	0	102	70.3	147	67.84	2.48	28	
Surr: 4-Bromofluorobenzene	65.87	0	68.15	0	96.7	58.2	140	66.12	0	0	
Surr: Dibromofluoromethane	69.39	0	68.15	0	102	71.1	132	65.72	0	0	
Surr: Toluene-d8	68.26	0	68.15	0	100	77.6	119	67.69	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 20, 2010

Shanna Thompson
ERM-Southeast
300 Chastain Center Blvd
Suite 375
Kennesaw, GA 30144

TEL: (770) 590-8383
FAX (770) 590-9164

RE: Williamson Dickie

Order No.: 1001830

Dear Shanna Thompson:

Analytical Environmental Services, Inc. received 2 samples on 1/14/2010 1:46:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 9 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

For April Crenshaw
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001030

Date: 1/13/10 Page 1 of 1

COMPANY: ERM

ADDRESS: 300 Chastain Center Blvd Suite 375 Kennesaw, GA

PHONE: 770-590-8383

FAX: 770-590-9164

SAMPLED BY: R Hoagland

SIGNATURE: R Hoagland

ANALYSIS REQUESTED: 8260*

PRESERVATION (See codes): S/M+I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	S/M+I	REMARKS	No # of Containers
1	GP-102 8'	1/9/10	1253	X		SO	X	* 8260 - only analyze for 1,1 Dichloroethene Cis-1,2 Dichloroethene Trans-1,2 Dichloroethene Tetrachloroethene Trichloroethene Vinyl Chloride 1,4-Dioxane	4
2	GP-103 3'	1/9/10	1310	X		SO	X		4
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: R Hoagland	1/13/10 900	1:	1-14-10 12:17
2:	1-14-10 13:46	2:	1/14/10 13:46
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Williamson Dickie
PROJECT #: 100566
SITE ADDRESS: 2411 Sullivan Rd Atl, GA
SEND REPORT TO: Shanna Thompson
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 8

Turnaround Time Request
- ☒ Standard 5 Business Days
- ☐ 2 Business Day Rush
- ☐ Next Business Day Rush
- ☐ Same Day Rush (auth req.)
- ☐ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT. SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ERM Work Order Number 1001830

Checklist completed by mfere 1/14/10
Signature Date

Carrier name: FedEx __ UPS __ Courier ✓ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.9 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Project: Williamson Dickie
Lab ID: 1001830-001

Client Sample ID: GP-102 8'
Collection Date: 1/9/2010 12:53:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	170		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Vinyl chloride	BRL	11		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
1,1-Dichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
trans-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
cis-1,2-Dichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Trichloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Tetrachloroethene	BRL	5.6		ug/Kg-dry	123972	1	1/16/2010 3:58 AM
Surr: 4-Bromofluorobenzene	91.5	58.2-140		%REC	123972	1	1/16/2010 3:58 AM
Surr: Dibromofluoromethane	101	71.1-132		%REC	123972	1	1/16/2010 3:58 AM
Surr: Toluene-d8	102	77.6-119		%REC	123972	1	1/16/2010 3:58 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	20.2	0		wt%		1	1/19/2010 7:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT:	ERM-Southeast	**Client Sample ID:**	GP-103 3'
Project:	Williamson Dickie	**Collection Date:**	1/9/2010 1:10:00 PM
Lab ID:	1001830-002	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B				**(SW5035)**			Analyst: **FA**
1,4-Dioxane	BRL	130		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
Vinyl chloride	BRL	8.6		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
Trichloroethene	BRL	4.3		ug/Kg-dry	123972	1	1/16/2010 4:24 AM
Tetrachloroethene	1800	210		ug/Kg-dry	123898	50	1/19/2010 2:34 AM
Surr: 4-Bromofluorobenzene	88.7	58.2-140		%REC	123898	50	1/19/2010 2:34 AM
Surr: 4-Bromofluorobenzene	86.2	58.2-140		%REC	123972	1	1/16/2010 4:24 AM
Surr: Dibromofluoromethane	88.2	71.1-132		%REC	123898	50	1/19/2010 2:34 AM
Surr: Dibromofluoromethane	100	71.1-132		%REC	123972	1	1/16/2010 4:24 AM
Surr: Toluene-d8	88.7	77.6-119		%REC	123898	50	1/19/2010 2:34 AM
Surr: Toluene-d8	96.7	77.6-119		%REC	123972	1	1/16/2010 4:24 AM
PERCENT MOISTURE D2216							Analyst: **AZS**
Percent Moisture	14.5	0		wt%		1	1/19/2010 7:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

20-Jan-10

Lab Order: 1001830
Client: ERM-Southeast
Project: Williamson Dickie

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001830-001A	GP-102 8'	1/9/2010 12:53:00 PM	Soil	Volatile Organic Compounds by GC/MS		1/16/2010	1/16/2010
1001830-001B				PERCENT MOISTURE			1/19/2010
1001830-002A	GP-103 3'	1/9/2010 1:10:00 PM		Volatile Organic Compounds by GC/MS		1/16/2010	1/16/2010
				Volatile Organic Compounds by GC/MS		1/14/2010	1/19/2010
1001830-002B				PERCENT MOISTURE			1/19/2010

Analytical Environmental Services, Inc.

Date: *20-Jan-10*

CLIENT: ERM-Southeast
Work Order: 1001830
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-123898** SampType: **MBLK** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2565	0	2500	0	103	58.2	140	0	0		
Surr: Dibromofluoromethane	2509	0	2500	0	100	71.1	132	0	0		
Surr: Toluene-d8	2488	0	2500	0	99.5	77.6	119	0	0		

Sample ID: **MB-123972** SampType: **MBLK** Batch ID: **123972** Units: **ug/Kg** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388509**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	5.0									
1,4-Dioxane	BRL	150									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	41.66	0	50	0	83.3	58.2	140	0	0		
Surr: Dibromofluoromethane	49.86	0	50	0	99.7	71.1	132	0	0		
Surr: Toluene-d8	51.76	0	50	0	104	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001830
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-123898** SampType: **LCS** Batch ID: **123898** Units: **ug/Kg** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385758**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1966	250	2500	0	78.7	66.1	158	0	0		
Trichloroethene	2278	250	2500	0	91.1	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2510	0	2500	0	100	58.2	140	0	0		
Surr: Dibromofluoromethane	2524	0	2500	0	101	71.1	132	0	0		
Surr: Toluene-d8	2514	0	2500	0	101	77.6	119	0	0		

Sample ID: **LCS-123972** SampType: **LCS** Batch ID: **123972** Units: **ug/Kg** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388511**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	57.06	5.0	50	0	114	66.1	158	0	0		
Trichloroethene	54.39	5.0	50	0	109	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	49.48	0	50	0	99	58.2	140	0	0		
Surr: Dibromofluoromethane	53.15	0	50	0	106	71.1	132	0	0		
Surr: Toluene-d8	53.36	0	50	0	107	77.6	119	0	0		

Sample ID: **1001544-029AMS** SampType: **MS** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3125	260	2623	0	119	60.6	160	0	0		
Trichloroethene	2674	260	2623	0	102	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	2655	0	2623	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2674	0	2623	0	102	71.1	132	0	0		
Surr: Toluene-d8	2594	0	2623	0	98.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: ERM-Southeast
Work Order: 1001830
Project: Williamson Dickie

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001749-001AMS** SampType: **MS** Batch ID: **123972** Units: **ug/Kg-dry** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388512**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.08	6.5	64.53	0	102	60.6	160	0	0		
Trichloroethene	62.46	6.5	64.53	0	96.8	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	60.33	0	64.53	0	93.5	58.2	140	0	0		
Surr: Dibromofluoromethane	67.91	0	64.53	0	105	71.1	132	0	0		
Surr: Toluene-d8	67.92	0	64.53	0	105	77.6	119	0	0		

Sample ID: **1001544-029AMSD** SampType: **MSD** Batch ID: **123898** Units: **ug/Kg-dry** Prep Date: **1/14/2010** RunNo: **163544**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/14/2010** SeqNo: **3385845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3003	260	2623	0	114	60.6	160	3125	3.99	30.9	
Trichloroethene	2608	260	2623	0	99.4	70.3	147	2674	2.50	28	
Surr: 4-Bromofluorobenzene	2652	0	2623	0	101	58.2	140	2655	0	0	
Surr: Dibromofluoromethane	2606	0	2623	0	99.4	71.1	132	2674	0	0	
Surr: Toluene-d8	2531	0	2623	0	96.5	77.6	119	2594	0	0	

Sample ID: **1001749-001AMSD** SampType: **MSD** Batch ID: **123972** Units: **ug/Kg-dry** Prep Date: **1/16/2010** RunNo: **163701**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **1/16/2010** SeqNo: **3388514**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	83.2	6.5	64.53	0	129	60.6	160	66.08	22.9	30.9	
Trichloroethene	72.43	6.5	64.53	0	112	70.3	147	62.46	14.8	28	
Surr: 4-Bromofluorobenzene	59.16	0	64.53	0	91.7	58.2	140	60.33	0	0	
Surr: Dibromofluoromethane	66.79	0	64.53	0	104	71.1	132	67.91	0	0	
Surr: Toluene-d8	66.15	0	64.53	0	103	77.6	119	67.92	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-1	Pump Type/Model:	Peristaltic	Sample Collection Time:	1440
Total Depth (ft)[1]:	19.85	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.35	Pump Intake Depth (ft):	15	Sample ID:	MW-1-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1405/1435	QA/QC Collected?	NO
Well Volume (gal):	1.6	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	6	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1405	21.21	0.375	8.15	6.18	221.7	10.1	Start	10.35	
1410	21.12	0.380	9.86	6.17	222.2	10.4	1.0	11.00	
1415	21.18	0.384	9.71	6.11	222.7	7.4	2.0	11.05	
1420	21.24	0.387	9.29	6.09	223.2	5.7	3.0	11.04	
1425	21.42	0.387	8.76	6.08	224.3	7.1	4.0	11.05	
1430	21.4	0.386	8.59	6.05	225.2	6.3	5.0	11.07	
1435	21.38	0.384	8.61	6.06	235.0	5.3	6.0	11.06	
1440	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-2	Pump Type/Model:	Peristaltic	Sample Collection Time:	1105
Total Depth (ft)[1]:	26.52	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	9.58	Pump Intake Depth (ft):	20	Sample ID:	MW-2-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	1025/1100	QA/QC Collected?	NO
Well Volume (gal):	2.8	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1025	21.06	0.085	0.60	6.35	583.2	7.73	Start	9.58	
1030	21.1	0.085	0.53	6.30	575.2	5.35	1.00	10.89	
1035	21.04	0.082	0.58	6.27	562.3	5.21	2.00	10.89	
1040	21.08	0.081	0.61	6.19	537.1	3.42	3.00	10.91	
1045	21.09	0.078	0.97	6.16	514.9	1.93	4.00	10.88	
1050	21.02	0.077	0.70	6.14	513.1	0.95	5.00	10.89	
1055	20.97	0.075	0.74	6.12	510.3	1.07	6.00	10.87	
1100	20.89	0.075	0.73	6.12	505.6	1.21	7.00	10.88	
1105	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-4	Pump Type/Model:	Peristaltic	Sample Collection Time:	1525
Total Depth (ft)[1]:	18.45	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10	Pump Intake Depth (ft):	14	Sample ID:	MW-4-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1445/1520	QA/QC Collected?	NO
Well Volume (gal):	1.4	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1445	21.33	0.224	4.84	6.50	203.0	42.1	Start	10.00	
1450	21.34	0.223	4.64	6.46	204.4	26.8	1.00	10.44	
1455	21.36	0.223	4.76	6.55	198.3	9.82	2.00	10.48	
1500	22.35	0.223	4.59	6.61	187.3	7.57	3.00	10.47	
1505	21.98	0.221	4.65	6.61	187.4	5.34	4.00	10.47	
1510	21.54	0.218	4.74	6.56	189.2	4.13	5.00	10.48	
1515	21.47	0.216	4.71	6.54	189.1	7.71	6.00	10.47	
1520	21.44	0.216	4.68	6.54	189.3	6.54	7.0	10.49	
1525	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-8	Pump Type/Model:	Peristaltic	Sample Collection Time:	1015
Total Depth (ft)[1]:	49.1	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	9.83	Pump Intake Depth (ft):	30	Sample ID:	MW-8-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	935/1010	QA/QC Collected?	NO
Well Volume (gal):	6.4	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
935	20.8	0.594	14.32	6.68	654.0	NT	Start	9.83	Water is 'purple' with permangenate
940	20.79	0.598	8.43	6.48	679.6	28.6	1.00	10.26	Water is 'purple' with permangenate
945	20.88	0.603	8.07	6.42	690.2	29.7	2.00	10.29	Water is 'purple' with permangenate
950	20.86	0.604	7.76	6.40	693.7	25.3	3.00	10.29	Water is 'purple' with permangenate
955	20.81	0.609	7.94	6.37	699.6	23.0	4.00	10.29	Water is 'purple' with permangenate
1000	20.84	0.617	8.00	6.37	703.7	18.1	5.00	10.28	Water is 'purple' with permangenate
1005	20.89	0.620	7.60	6.37	704.6	21.7	6.00	10.28	Water is 'purple' with permangenate
1010	20.88	0.621	7.90	6.36	705.3	23.5	7.00	10.29	Water is 'purple' with permangenate
1015	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-9	Pump Type/Model:	Peristaltic	Sample Collection Time:	1125
Total Depth (ft)[1]:	14.85	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	13.35	Pump Intake Depth (ft):	14	Sample ID:	MW-9-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1050/1120	QA/QC Collected?	NO
Well Volume (gal):	0.2	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1050	20.89	0.152	3.22	4.52	260.2	2.0	Start	13.35	
1055	20.98	0.154	2.99	4.44	258.9	1.8	0.50	13.79	
1100	21.19	0.158	2.72	4.41	257.5	1.4	1.00	13.77	
1105	20.9	0.159	2.30	4.36	259.2	1.7	1.50	13.78	
1110	20.98	0.159	2.31	4.35	257.6	1.4	2.00	13.80	
1115	21.06	0.160	2.32	4.36	256.3	1.8	2.50	13.78	
1120	20.75	0.159	2.29	4.34	254.7	1.6	3.00	13.79	
1125	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-10	Pump Type/Model:	Peristaltic	Sample Collection Time:	1220
Total Depth (ft)[1]:	19.49	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	14.48	Pump Intake Depth (ft):	17	Sample ID:	MW-10-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1145/1215	QA/QC Collected?	NO
Well Volume (gal):	0.8	Purge Rate (L/min)[2]:	0.25	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1145	19.16	0.301	2.97	4.39	279.9	66.1	Start	14.48	
1150	18.63	0.330	1.27	4.32	281.0	55.7	1.25	14.98	
1155	18.7	0.313	1.37	4.25	266.5	24.3	2.50	15.05	
1200	18.75	0.308	1.19	4.24	269.0	5.16	3.75	15.05	
1205	18.78	0.300	1.21	4.25	269.2	1.23	5.00	15.06	
1210	18.8	0.295	1.25	4.25	269.2	0.91	6.25	15.05	
1215	18.79	0.297	1.28	4.26	268.3	1.03	7.50	15.06	
1220	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-10A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1315
Total Depth (ft)[1]:	53.82	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	12.68	Pump Intake Depth (ft):	45	Sample ID:	MW-10A-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	12258/1310	QA/QC Collected?	NO
Well Volume (gal):	6.7	Purge Rate (L/min)[2]:	0.25	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	11.25	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1225	18.18	0.121	11.10	5.89	243.5	8.15	Start	12.68	
12.3	18.37	0.119	10.63	6.13	239.8	7.41	1.25	14.35	
1235	18.41	0.119	10.10	6.35	229.2	5.63	2.50	14.37	
1240	18.3	0.118	10.22	6.52	217.8	4.11	3.75	14.41	
1245	18.42	0.118	10.12	6.77	199.6	3.51	5.00	14.69	
1250	18.37	0.119	10.29	6.75	176.6	1.37	6.25	14.71	
1255	18.38	0.119	10.08	6.88	154.9	2.31	7.50	14.70	
1300	18.37	0.119	10.07	6.89	148.1	1.07	8.75	14.68	
1305	18.41	0.119	10.06	6.89	143.7	1.32	10.00	14.7	
1310	18.46	0.119	10.07	6.89	142.9	0.91	11.25	14.69	
1315	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-12	Pump Type/Model:	Peristaltic	Sample Collection Time:	1400
Total Depth (ft)[1]:	17.06	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	13.18	Pump Intake Depth (ft):	20	Sample ID:	MW-12-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	1115/1125	QA/QC Collected?	NO
Well Volume (gal):	0.6	Purge Rate (L/min)[2]:	0.2/0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	2.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1115	NT	NT	NT	NT	NT	NT	Start	13.18	
1120	20.48	0.051	1.14	4.99	655.1	48.20	1.00	15.02	reduce flow to 0.1 L/min
1125	20.55	0.051	1.51	4.92	646.5	33.90	1.50	15.97	
1130	20.57	0.051	1.48	4.90	637.3	56.70	2.00	16.83	
1135	20.56	0.051	1.82	4.85	632.1	NT	2.50	17.06	DRY
1400	SAMPLE								sample after recharge
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-13	Pump Type/Model:	Peristaltic	Sample Collection Time:	1035
Total Depth (ft)[1]:	14.96	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.73	Pump Intake Depth (ft):	12	Sample ID:	MW-13-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	955/1030	QA/QC Collected?	NO
Well Volume (gal):	0.7	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
955	20.15	0.055	2.26	5.34	317.4	2.93	Start	10.73	
1000	20.53	0.051	2.37	4.94	322.1	1.88	1.0	10.99	
1005	20.99	0.049	2.54	4.62	333.2	0.09	2.0	11.01	
1010	20.93	0.049	2.54	4.50	340.1	1.22	3.0	11.28	
1015	20.92	0.049	2.48	4.48	340.5	0.83	4.0	11.26	
1020	20.94	0.049	2.50	4.47	342.2	1.04	5.0	11.27	
1025	20.99	0.049	2.47	4.46	342.7	0.77	6.0	11.28	
1030	20.96	0.049	2.48	4.48	343.3	1.19	7.0	11.27	
1035	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-13A	Pump Type/Model:	Peristaltic	Sample Collection Time:	950
Total Depth (ft)[1]:	71.74	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.78	Pump Intake Depth (ft):	35	Sample ID:	MW-13A-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	920/945	QA/QC Collected?	NO
Well Volume (gal):	10.0	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
920	19.45	0.163	6.19	7.43	160.8	2.41	Start	10.78	
925	19.43	0.162	5.36	7.35	179.4	1.57	1.00	12.34	
930	19.35	0.161	5.12	7.30	192.9	1.21	2.00	12.83	
935	19.2	0.160	5.08	7.29	200.1	0.94	3.00	12.83	
940	19.08	0.160	5.09	7.32	205.4	1.35	4.00	12.82	
945	19.03	0.160	5.04	7.33	207.5	1.01	5.00	12.83	
950	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-14	Pump Type/Model:	Peristaltic	Sample Collection Time:	1040
Total Depth (ft)[1]:	17.92	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	13.64	Pump Intake Depth (ft):	90	Sample ID:	MW-14-20091022-01
Well Diameter (in):	2	Start/Stop Purge Time:	1000/1035	QA/QC Collected?	NO
Well Volume (gal):	0.7	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1000							Start	13.64	
1005	20.32	0.027	3.94	7.02	124.5	18.7	0.5	13.72	
1010	20.05	0.024	2.80	5.15	198.7	4.9	1.0	13.74	
1015	20.12	0.022	2.56	4.92	205.4	3.5	1.5	13.70	
1020	20.17	0.022	2.39	4.66	229.8	2.1	2.0	13.70	
1025	20.13	0.022	2.40	4.65	234.6	1.9	2.5	13.71	
1030	20.22	0.022	2.25	4.60	236.6	1.8	3.0	13.70	
1035	20.14	0.021	2.23	4.60	238.1	2.0	3.5	13.72	
1040	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/22/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-18D	Pump Type/Model:	Peristaltic	Sample Collection Time:	1415
Total Depth (ft)[1]:	132	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	10.8	Pump Intake Depth (ft):	90	Sample ID:	MW-18D-20091022-01
Well Diameter (in):	6	Start/Stop Purge Time:	1325/1415	QA/QC Collected?	NO
Well Volume (gal):		Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1325	18.83	0.080	0.96	6.37	175.5	38.5	Start	10.80	
1330	18.88	0.080	1.45	6.45	231.0	42.2	0.5	11.29	
1335	18.92	0.079	1.14	6.43	225.5	38.9	1.0	11.64	
1340	19.5	0.075	0.99	6.49	201.9	29.7	1.5	11.71	
1345	19.52	0.064	1.56	6.45	198.0	21.9	2.0	11.76	
1350	19.63	0.064	1.07	6.37	195.0	36.7	2.5	12.01	
1355	19.48	0.063	0.99	6.39	194.3	32.2	3.0	11.97	
1400	19.31	0.062	0.69	6.31	195.6	19.0	3.5	12.02	
1405	19.3	0.060	0.66	6.32	193.9	10.5	4.0	12.01	
1410	19.3	0.059	0.64	6.31	191.6	8.7	4.5	12.03	
1415	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/30/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-19	Pump Type/Model:	Peristaltic	Sample Collection Time:	1350
Total Depth (ft)[1]:	75	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	21.66	Pump Intake Depth (ft):	70	Sample ID:	MW-19-20091030-01
Well Diameter (in):	2	Start/Stop Purge Time:	1300/1345	QA/QC Collected?	NO
Well Volume (gal):	8.7	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1300	19	0.046	6.98	6.01	186.3	8.8	Start	21.66	
1305	19.3	0.047	6.14	5.75	206.5	7.6	0.5	22.79	
1310	19.34	0.048	6.13	5.75	209.5	6.9	1.0	22.77	
1315	19.37	0.048	6.12	5.75	214.7	6.4	1.5	22.77	
1320	19.28	0.048	6.01	5.94	199.8	5.9	2.0	22.86	
1325	19.28	0.048	6.13	5.94	194.7	4.3	2.5	22.88	
1330	19.26	0.048	6.18	6.07	169.6	3.7	3.0	22.87	
1335	19.22	0.048	6.25	6.10	159.4	4.2	3.5	22.87	
1340	19.19	0.047	6.27	6.12	157.5	5.0	4.0	22.87	
1345	19.13	0.048	6.25	6.12	155.8	4.9	4.5	22.87	
1350	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/30/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-20	Pump Type/Model:	Peristaltic	Sample Collection Time:	1440
Total Depth (ft)[1]:	33	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	23.08	Pump Intake Depth (ft):	28	Sample ID:	MW-20-20091030-01
Well Diameter (in):	2	Start/Stop Purge Time:	1355/1435	QA/QC Collected?	YES
Well Volume (gal):	1.6	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	DUP-02-20091030-01
Well Condition:	Good	Total Purge Volume (L):	4.0	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1355	19.73	0.028	1.99	6.17	145.7	8.69	Start	23.08	
1400	19.68	0.029	1.46	5.63	150.2	7.70	0.5	23.35	
1405	19.67	0.037	1.02	5.56	135.4	4.72	1.0	23.19	
1410	19.64	0.039	0.71	5.34	121.3	3.56	1.5	23.19	
1415	19.6	0.044	0.62	5.30	116.4	2.03	2.0	23.19	
1420	19.56	0.048	0.60	5.22	115.3	1.95	2.5	23.19	
1425	19.49	0.051	0.59	5.23	114.9	1.23	3.0	23.19	
1430	19.55	0.051	0.54	5.20	114.4	0.85	3.5	23.19	
1435	19.53	0.052	0.55	5.20	114.8	0.76	4.0	23.19	
1440	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/30/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-25	Pump Type/Model:	Peristaltic	Sample Collection Time:	1535
Total Depth (ft)[1]:	34	Tubing Material:	¼ " LDPE	Sample Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	27.85	Pump Intake Depth (ft):	30	Sample ID:	MW-25-20091030-01
Well Diameter (in):	2	Start/Stop Purge Time:	1500/1535	QA/QC Collected?	Yes
Well Volume (gal):	1.0	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	DUP-03-20091030-01
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1500	20.4	0.066	2.99	5.24	185.2	3.55	Start	27.85	
1505	20.37	0.066	2.50	5.15	186.9	3.31	0.5	27.91	
1510	20.36	0.068	1.70	5.10	196.6	2.34	1	27.92	
1515	20.22	0.067	1.52	5.00	203.6	1.71	1.5	27.90	
1520	20.23	0.067	1.43	5.03	203.2	1.65	2	27.91	
1525	20.25	0.067	1.37	5.00	204.4	0.085	2.5	27.91	
1530	20.26	0.067	1.41	4.98	204.6	1.12	3	27.90	
1535	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-28R	Pump Type/Model:	Peristaltic	Sample Collection Time:	1100
Total Depth (ft)[1]:	33	Tubing Material:	¼ " LDPE	Sample Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	14.65	Pump Intake Depth (ft):	25	Sample ID:	MW-28R-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1010/1055	QA/QC Collected?	NO
Well Volume (gal):	3.0	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	5.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1010	20.74	0.65	2.08	-6.93	625.7	-	Start	15.64	Residual lactate in well.
1015	20.25	0.98	2.06	-7.03	655.3	98.7	1	15.85	
1020	20.13	1.109	2.03	-7.19	687	38.3	2	15.88	Water levels continue to fall. Reduce flow to 0.1 L/min.
1025	20.12	1.089	0.9	-7.34	685.6	46.3	2.5	15.74	
1030	19.93	1.141	0.33	-7.34	671.4	32.6	3	15.73	
1035	19.86	1.201	0.26	-7.22	668.9	31.2	3.5	15.72	
1040	19.78	1.232	0.24	-7.21	678.6	30.8	4	15.73	
1045	19.7	1.309	0.22	-7.71	693.7	34.2	4.5	15.74	
1050	19.67	1.427	0.21	-7.49	684	32.6	5	15.74	Looks like bacterial floc in water. Parameters will not stabilize. pH reads negative values.
1055	19.49	3.4	0.21	-6.84	658.2	37.8	5.5	15.73	
1100	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-29R	Pump Type/Model:	Peristaltic	Sample Collection Time:	1205
Total Depth (ft)[1]:	33.45	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	10.7	Pump Intake Depth (ft):	30	Sample ID:	MW-29R-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1125/1200	QA/QC Collected?	NO
Well Volume (gal):	3.7	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	7	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1125	19.99	0.045	1.33	5.13	61.5	3.68	Start	10.70	
1130	20.01	0.042	0.71	4.95	85.9	2.37	1.0	11.89	
1135	20.1	0.040	0.68	4.94	101.7	1.03	2.0	11.88	
1140	20.02	0.039	0.54	4.92	126.2	0.97	3.0	11.89	
1145	19.93	0.039	0.51	4.90	145.2	1.11	4.0	11.89	
1150	19.87	0.039	0.50	4.91	169.1	0.97	5.0	11.89	
1155	19.76	0.039	0.49	4.90	170.4	0.76	6.0	11.89	
1200	19.75	0.039	0.49	4.90	172.9	0.92	7.0	11.89	
1205	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-32	Pump Type/Model:	Peristaltic	Sample Collection Time:	1250
Total Depth (ft)[1]:	16.91	Tubing Material:	¼ " LDPE	Sample Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	15.91	Pump Intake Depth (ft):	16.5	Sample ID:	MW-32-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	1215/12/45	QA/QC Collected?	NO
Well Volume (gal):	0.2	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	6	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1215	19.62	0.085	2.36	4.59	334	60.8	Start	15.75	Looks like root growth at bottom of well.
1220	19.73	0.087	1.43	4.6	312.6	93	1	15.74	
1225	19.72	0.088	1.47	4.56	318.4	42.4	2	15.75	
1230	19.72	0.088	1.53	4.53	323.3	11.2	3	15.74	
1235	19.72	0.088	1.73	4.54	328.1	7.81	4	15.76	
1240	19.71	0.088	1.81	4.56	328.9	6.92	5	15.74	
1245	19.72	0.088	1.78	4.54	329.3	4.37	6	15.75	
1250	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/27/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-33	Pump Type/Model:	Peristaltic	Sample Collection Time:	1155
Total Depth (ft)[1]:	39.82	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	27.34	Pump Intake Depth (ft):	35	Sample ID:	MW-33-20091027-01
Well Diameter (in):	2	Start/Stop Purge Time:	1110/1150	QA/QC Collected?	NO
Well Volume (gal):	2.0	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1110	17.78	0.024	9.78	5.44	292.0	1132	Start	27.34	Water very turbid
1115	16.75	0.030	7.20	5.50	306.5	192	0.5	27.05	
1120	17.47	0.034	5.46	4.74	334.0	67.5	1.0	27.15	
1125	17.42	0.034	5.28	4.75	335.2	43.3	1.5	27.21	
1130	17.27	0.033	5.38	4.66	340.8	24.1	2.0	27.18	
1135	17.21	0.032	5.32	4.62	343.6	14.4	2.5	27.19	
1140	17.14	0.031	5.52	4.60	345.3	10.2	3.0	27.20	
1145	17.08	0.031	5.46	4.59	347.5	7.63	3.5	27.19	
1150	17.11	0.031	5.49	4.60	347.8	6.31	4.0	27.18	
1155	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/23/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-34	Pump Type/Model:	Peristaltic	Sample Collection Time:	1500
Total Depth (ft)[1]:	39.7	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	12.23	Pump Intake Depth (ft):	35	Sample ID:	MW-34-20091023-01
Well Diameter (in):	2	Start/Stop Purge Time:	1425/1455	QA/QC Collected?	NO
Well Volume (gal):	4.5	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	6	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1425	21.51	0.052	4.10	5.44	535.6	10.8	Start	12.23	
1430	21.97	0.053	2.30	5.22	540.1	9.52	1.00	12.29	
1435	22.03	0.053	1.73	5.13	532.5	8.47	2.00	12.30	
1440	21.96	0.053	1.72	5.08	532.9	7.51	3.00	12.28	
1445	21.9	0.052	1.65	5.09	537.0	5.73	4.00	12.29	
1450	21.69	0.052	1.59	5.06	534.1	3.29	5.00	12.29	
1455	21.53	0.052	1.58	5.07	532.4	1.65	6.00	12.28	
1500	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-35	Pump Type/Model:	Peristaltic	Sample Collection Time:	1100
Total Depth (ft)[1]:	34.96	Tubing Material:	¼ " LDPE	nple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	20.79	Pump Intake Depth (ft):	35	Sample ID:	MW-35-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1105/1140	QA/QC Collected?	NO
Well Volume (gal):	2.3	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1105	20.9	0.041	0.96	4.83	216.4	18.40	Start	20.79	
1110	21.02	0.037	0.66	4.68	230.2	13.40	0.5	20.84	
1115	21.13	0.033	0.50	4.65	239.7	11.10	1.0	20.86	
1120	21.15	0.033	0.45	4.61	244.5	9.28	1.5	20.85	
1125	21.24	0.033	0.46	4.59	246.2	7.89	2.0	20.84	
1130	21.22	0.033	0.45	4.57	250.7	6.55	2.5	20.85	
1135	21.22	0.033	0.42	4.56	252.8	4.35	3.0	20.85	
1140	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-35A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1100
Total Depth (ft)[1]:	49.95	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	20.8	Pump Intake Depth (ft):	35	Sample ID:	MW-35A-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1010/1100	QA/QC Collected?	NO
Well Volume (gal):	4.8	Purge Rate (L/min)[2]:	0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	4.5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1010	20.94	0.066	6.57	6.86	163.4	6.99	Start	20.80	
1015	20.89	0.060	5.29	6.21	189.2	4.81	0.5	20.84	
1020	20.87	0.058	5.05	5.47	195.2	5.04	1.0	20.85	
1025	20.82	0.054	4.63	5.73	206.1	3.35	1.5	20.85	
1030	20.78	0.051	4.24	5.48	215.8	1.97	2.0	20.84	
1035	20.83	0.050	4.52	5.24	227.9	1.32	2.5	20.86	
1040	20.89	0.050	4.27	5.20	230.1	0.09	3.0	20.85	
1045	20.94	0.049	4.35	5.15	231.9	1.12	3.5	20.85	
1050	21.02	0.049	4.30	5.11	234.8	0.76	4.0	20.86	
1055	21.02	0.049	4.56	5.11	235.6	1.1	4.5	20.84	
1100	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-36	Pump Type/Model:	Peristaltic	Sample Collection Time:	1330
Total Depth (ft)[1]:	21.75	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	11.9	Pump Intake Depth (ft):	18	Sample ID:	MW-36-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1230/1325	QA/QC Collected?	NO
Well Volume (gal):	1.6	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	11	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1230	19.84	0.136	3.33	5.19	257.5	33.00	Start	11.25	
1235	-	-	-	-	-	25.5	1.0	11.19	Empty flow cell.
1240	20.54	0.129	3.04	5.20	250.7	7.39	2.0	11.18	
1245	21.76	0.120	2.75	5.18	242.3	5.36	3.0	11.19	
1250	20.75	0.110	2.66	5.12	240.9	3.25	4.0	11.19	
1255	20.46	0.094	1.41	4.85	249.9	1.71	5.0	11.18	
1300	20.28	0.086	1.29	4.72	257.5	2.12	6.0	11.19	
1305	20.26	0.084	1.22	4.70	257.7	0.98	7.0	11.18	
1310	20.28	0.074	0.95	4.62	255.3	0.76	8.0	11.19	
1315	20.26	0.074	0.90	4.60	256.2	1.0	9.0	11.19	
1320	20.23	0.073	0.87	4.59	256.9	0.65	10.0	11.19	
1325	20.220	0.073	0.840	4.590	256.200	1.130	11.0	11.19	
1330	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-37	Pump Type/Model:	Peristaltic	Sample Collection Time:	1405
Total Depth (ft)[1]:	34.87	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	10.64	Pump Intake Depth (ft):	30	Sample ID:	MW-37-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1335/1400	QA/QC Collected?	NO
Well Volume (gal):	4.0	Purge Rate (L/min)[2]:	0.2/0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	3	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1335	21.97	0.247	0.34	5.69	-78.2	9.81	Start	16.83	
1340	21.9	0.246	0.33	5.67	-77.2	6.72	1.0	16.83	Flow reduced to 0.1 L/min
1345	21.83	0.246	0.30	5.64	-75.9	4.37	1.5	16.84	
1350	21.85	0.246	0.29	5.65	-75.0	7.70	2.0	16.83	
1355	21.73	0.247	0.27	5.68	-80.0	5.23	2.5	16.83	
1400	21.71	0.247	0.26	5.67	-79.4	4.51	3.0	16.84	
1405	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/28/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-37A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1500
Total Depth (ft)[1]:	49.93	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.1
Depth to Water (ft):	10.85	Pump Intake Depth (ft):	45	Sample ID:	MW-37A-20091028-01
Well Diameter (in):	2	Start/Stop Purge Time:	1410/1455	QA/QC Collected?	NO
Well Volume (gal):	6.4	Purge Rate (L/min)[2]:	0.2/0.1	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	5	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1410	21.37	0.601	0.65	5.86	-100.1	7.52	Start	11.05	
1415	21.35	0.623	0.41	5.99	-100.2	3.26	1.0	11.21	Flow reduced to 0.1 L/min
1420	21.32	0.667	0.29	6.02	-100.5	1.95	1.5	11.21	
1425	21.23	0.709	0.28	6.02	-101.8	1.34	2.0	11.20	
1430	21..43	0.755	0.26	6.06	-99.6	0.94	2.5	11.21	
1435	21.68	0.782	0.28	6.08	-98.9	1.13	3.0	11.21	
1440	21.78	0.799	0.27	6.08	-100.5	0.74	3.5	11.21	
1445	21.61	0.821	0.26	6.09	-100.5	0.62	4.0	11.21	
1450	21.49	0.831	0.26	6.09	-102.3	0.85	4.5	11.21	
1455	21.54	0.833	0.27	6.08	-102.5	0.8	5.0	11.21	
1500	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-38	Pump Type/Model:	Peristaltic	Sample Collection Time:	1330
Total Depth (ft)[1]:	33.74	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	16.76	Pump Intake Depth (ft):	30	Sample ID:	MW-38-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1245/1325	QA/QC Collected?	YES
Well Volume (gal):	2.8	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	DUP-01-20091029-01
Well Condition:	Good	Total Purge Volume (L):	8	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1245	20.33	0.155	1.81	6.38	76.1	8.09	Start	16.83	
1250	20.31	0.056	3.38	6.00	110.6	7.65	1.0	16.83	
1255	20.2	0.020	3.56	5.00	121.2	5.37	2.0	16.84	
1300	20.14	0.017	3.72	4.68	172.2	9.87	3.0	16.83	
1305	20.13	0.017	3.34	4.72	176.2	7.53	4.0	16.83	
1310	20.36	0.017	3.33	4.68	190.7	8.44	5.0	16.84	
1315	20.04	0.017	3.26	4.51	206.4	6.32	6.0	16.84	
1320	20.11	0.017	3.24	4.53	208.6	4.79	7.0	16.83	
1325	20.17	0.017	3.23	4.54	213.7	5.37	8.0	16.83	
1330	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
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(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

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GROUND WATER SAMPLING LOG SHEET

Client:	Williamson Dickie	Project No.:	100586	Sampling Date:	10/29/2009
Site/Location:	Atlanta, GA			Sampler's Name:	Richard Hoagland
Well ID:	MW-38A	Pump Type/Model:	Peristaltic	Sample Collection Time:	1240
Total Depth (ft)[1]:	48.35	Tubing Material:	¼ " LDPE	mple Purge Rate (L/min)[3]:	0.2
Depth to Water (ft):	16.64	Pump Intake Depth (ft):	45	Sample ID:	MW-38A-20091029-01
Well Diameter (in):	2	Start/Stop Purge Time:	1150/1235	QA/QC Collected?	NO
Well Volume (gal):	5.2	Purge Rate (L/min)[2]:	0.2	QA/QC I.D.	
Well Condition:	Good	Total Purge Volume (L):	9	Laboratory Analyses:	VOCs

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1150	20.46	0.288	0.66	6.27	-27.0	7.7	Start	16.90	
1155	20.54	0.286	0.34	6.45	-93.4	7.1	1.0	16.90	
1200	20.55	0.285	0.34	6.47	-96.6	6.6	2.0	16.91	
1205	20.51	0.281	0.28	6.49	-104.1	5.4	3.0	16.90	
1210	20.4	0.278	0.27	6.50	-107.2	5.0	4.0	16.90	
1215	20.4	0.274	0.28	6.50	-109.5	4.2	5.0	16.90	
1220	20.52	0.270	0.26	6.52	-111.7	3.9	6.0	16.90	
1225	20.31	0.264	0.25	6.48	-110.1	1.3	7.0	16.90	
1230	20.22	0.263	0.25	6.46	-108.1	1.0	8.0	16.90	
1235	20.13	0.263	0.23	6.45	-107.0	1.4	9.0	16.90	
1240	SAMPLE								
Stabilizing Criteria[5]	**+/- 1°C**	**+/- 3%**	**+/- 10% (see note below)[7]**	**+/- 0.1 unit**	**+/- 10 mV (see note below)[8]**	**+/- 10% or <10 NTUs**	**(see note below)[4]**	**(see note below)[6]**	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.
(7) - DO is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.
(8) - ORP is not a stabilization criterion for the "Groundwater sampling" SESD Standard Operating Procedure.

ERM

GROUND WATER SAMPLING LOG SHEET

Client: Williamson Dickies
Site/Location: College Park, GA
Project No.: 0100586
Sampling Date: 1/27/2010
Sampler's Name: Don Dowling

Well ID: MW-38A
Total Depth (ft)[1]: 49.00
Depth to Water (ft): 15.02
Well Diameter (in): ~~4.00~~ 2"
Well Volume (gal):
Well Condition: good

Pump Type/Model: QED sample pro bladder
Tubing Material: teflon lined ldpe
Pump Intake Depth (ft): 47.00
Start/Stop Purge Time: 1205-
Purge Rate (L/min)[2]: 0.1 L/min
Total Purge Volume (L): 4.0

Sample Collection Time: 1246
Sample Purge Rate (L/min)[3]: 0.1L/min
Sample I.D.: MW-38A
QA/QC Collected? Yes
QA/QC I.D. DUP-01
Laboratory Analyses: Short list 8260B

Time	Temp. (°C)	Spec. Cond. (mS/cm)	DO (g/L)	pH (SU)	ORP (mV)	Turbidity (NTUs)	Purge Volume (L)	H_2O Depth (ft)	Notes (Water clarity, odor, purge rate, issues with pump/well/weather/etc.)
1210	16.58	1.039	5.63	6.04	19.3	205	0.5	15.15	low flow low vol
1215	16.65	1.257	4.15	6.24	20.7	210	1.0	15.15	cloudy grey water
1220	16.53	1.305	2.76	5.88	27.8	162	1.5	15.15	smell of lactate
1225	16.28	1.331	2.04	5.85	24.0	197	2.0	15.15	
1230	16.20	1.341	1.77	5.86	18.9	183	2.5	15.15	
1235	16.04	1.336	1.51	5.84	17.1	179	3.0	15.15	
1240	15.97	1.335	1.50	5.82	17.8	181	3.5	15.15	IW-3A is 52' away from MW-38A
1245	15.94	1.333	1.49	5.83	18.9	182	4.0	15.15	
1246									
Stabilizing Criteria[5]	+/- 1°C	+/- 3%	+/- 10%	+/- 0.1 unit	+/- 10 mV	+/- 10% or <10 NTUs	(see note below)[4]	(see note below)[6]	

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.
(2) - Purge rate to be 0.5 lpm or less.
(3) - Sampling rate to be 0.25 lpm or less.
(4) - Field parameter measurements to be recorded every 3 to 5 minutes.
(5) - Stabilization criteria based on three most recent consecutive measurements.
(6) - Monitor DTW every 5 min. Well drawdown to be 0.3 ft or less. Purge/sampling rate to be lowered as necessary to keep drawdown below 0.3 ft.

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASJ0858
October 31, 2009
Project: Williamson Dickies/GA
Project #:0100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Judy Wagner
Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-14-20091022-01	ASJ0858-01	Ground Water	10/22/09 10:40	10/23/09 15:35
MW-9-20091022-01	ASJ0858-02	Ground Water	10/22/09 11:25	10/23/09 15:35
Trip Blank	ASJ0858-03	Water	10/22/09 00:00	10/23/09 15:35
MW-10-20091022-01	ASJ0858-04	Ground Water	10/22/09 12:20	10/23/09 15:35
MW-10A-20091022-01	ASJ0858-05	Ground Water	10/22/09 13:15	10/23/09 15:35
MW-18D-20091022-01	ASJ0858-06	Ground Water	10/22/09 14:15	10/23/09 15:35
MW-1-20091022-01	ASJ0858-07	Ground Water	10/22/09 14:40	10/23/09 15:35
MW-4-20091022-01	ASJ0858-08	Ground Water	10/22/09 15:25	10/23/09 15:35
MW-8-20091023-01	ASJ0858-09	Ground Water	10/23/09 10:15	10/23/09 15:35
MW-2-20091023-01	ASJ0858-10	Ground Water	10/23/09 11:05	10/23/09 15:35
MW-12-20091023-01	ASJ0858-11	Ground Water	10/23/09 14:00	10/23/09 15:35
MW-34-20091023-01	ASJ0858-12	Ground Water	10/23/09 15:00	10/23/09 15:35

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-14-20091022-01
Date/Time Sampled: 10/22/2009 10:40:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-01
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
Tetrachloroethene	6.4	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:30	A910776	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	
Surrogate: Toluene-d8	*97 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:30*	*A910776*	

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-9-20091022-01
Date/Time Sampled: 10/22/2009 11:25:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-02
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 22:29	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:08	A910776	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: Toluene-d8	*95 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:29*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:08*	*A910776*	

ANALYTICAL SERVICES, INC.

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: Trip Blank
Date/Time Sampled: 10/22/2009 12:00:00AM
Matrix: Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-03
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 18:28	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 16:36	A910776	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: Dibromofluoromethane	*100 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	
Surrogate: Toluene-d8	*97 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	
Surrogate: Toluene-d8	*95 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 16:36*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 18:28*	*A910776*	

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-10-20091022-01
Date/Time Sampled: 10/22/2009 12:20:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-04
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
cis-1,2-Dichloroethene	47	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
Tetrachloroethene	2200	100	ug/L	EPA 8260B		50	10/28/09 11:45	10/28/09 12:49	A910801	SMH
Trichloroethene	71	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:09	A910801	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:09*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 12:49*	*A910801*	

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-10A-20091022-01
Date/Time Sampled: 10/22/2009 1:15:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-05
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
cis-1,2-Dichloroethene	170	10	ug/L	EPA 8260B		5	10/27/09 16:00	10/27/09 22:09	A910776	GN/
trans-1,2-Dichloroethene	3.6	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
Tetrachloroethene	1500	40	ug/L	EPA 8260B		20	10/28/09 12:00	10/28/09 12:50	A910776	GN/
Trichloroethene	74	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:49	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 17:52	A910776	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*97 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: Toluene-d8	*96 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:52*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 12:50*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:49*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 22:09*	*A910776*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-18D-20091022-01
Date/Time Sampled: 10/22/2009 2:15:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-06
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	40	ug/L	EPA 8260B		20	10/27/09 16:00	10/27/09 23:09	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
Tetrachloroethene	2.5	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:09	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 19:46	A910776	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:09*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 19:46*	*A910776*	

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858
Client ID: MW-1-20091022-01
Date/Time Sampled: 10/22/2009 2:40:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-07
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
cis-1,2-Dichloroethene	400	200	ug/L	EPA 8260B		100	10/28/09 11:45	10/28/09 13:27	A910801	SMH
trans-1,2-Dichloroethene	4.8	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
Tetrachloroethene	14000	200	ug/L	EPA 8260B		100	10/28/09 11:45	10/28/09 13:27	A910801	SMH
Trichloroethene	120	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 19:47	A910801	SMH
Surrogate: Dibromofluoromethane	*107 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 19:47*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 13:27*	*A910801*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-4-20091022-01
Date/Time Sampled: 10/22/2009 3:25:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-08
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
cis-1,2-Dichloroethene	100	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
Tetrachloroethene	1100	40	ug/L	EPA 8260B		20	10/28/09 11:45	10/28/09 14:06	A910801	SMH
Trichloroethene	30	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 18:31	A910801	SMH
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 18:31*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 14:06*	*A910801*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-8-20091023-01
Date/Time Sampled: 10/23/2009 10:15:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-09
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 17:53	A910801	SMH
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 17:53*	*A910801*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-2-20091023-01
Date/Time Sampled: 10/23/2009 11:05:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-10
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
cis-1,2-Dichloroethene	50	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
Tetrachloroethene	59	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
Trichloroethene	20	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 21:08	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 17:14	A910776	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: Toluene-d8	*97 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	
Surrogate: Toluene-d8	*95 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 17:14*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*105 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 21:08*	*A910776*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-12-20091023-01
Date/Time Sampled: 10/23/2009 2:00:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-11
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
cis-1,2-Dichloroethene	110	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
Tetrachloroethene	220	10	ug/L	EPA 8260B		5	10/28/09 11:45	10/28/09 15:21	A910801	SMH
Trichloroethene	23	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 11:45	10/28/09 15:59	A910801	SMH
Surrogate: Dibromofluoromethane	*107 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*78-125*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: Toluene-d8	*92 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: Toluene-d8	*93 %*	*87-113*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:59*	*A910801*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*10/28/09 11:45*	*10/28/09 15:21*	*A910801*	

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October 31, 2009

Report No.: ASJ0858
Client ID: MW-34-20091023-01
Date/Time Sampled: 10/23/2009 3:00:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ0858-12
Date/Time Received: 10/23/2009 3:35:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	10/27/09 16:00	10/27/09 23:50	A910776	GN/
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	10/28/09 12:00	10/28/09 13:31	A910776	GN/
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	
Surrogate: Toluene-d8	*94 %*	*87-113*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: Toluene-d8	*102 %*	*87-113*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*10/28/09 12:00*	*10/28/09 13:31*	*A910776*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*87-123*		*EPA 8260B*			*10/27/09 16:00*	*10/27/09 23:50*	*A910776*	

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Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910776 - EPA 5030B										
Blank (A910776-BLK1)					Prepared & Analyzed: 10/27/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*87-123*			
Blank (A910776-BLK2)					Prepared & Analyzed: 10/27/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*53*		*ug/L*	*50.000*		*106*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*99*	*87-123*			
Blank (A910776-BLK3)					Prepared & Analyzed: 10/27/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*104*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			

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Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910776 - EPA 5030B										
Blank (A910776-BLK4)					Prepared & Analyzed: 10/28/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*102*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*101*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*99*	*87-123*			
LCS (A910776-BS1)					Prepared & Analyzed: 10/27/09					
Benzene	48		ug/L	50.000		95	80-119			
Chlorobenzene	47		ug/L	50.000		93	83-111			
1,1-Dichloroethene	56		ug/L	50.000		113	77-121			
Toluene	49		ug/L	50.000		97	78-113			
Trichloroethene	51		ug/L	50.000		102	82-122			
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*95*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*87-123*			
Matrix Spike (A910776-MS1)		**Source: ASJ0858-01**			Prepared & Analyzed: 10/27/09					
Benzene	49		ug/L	50.000	ND	97	82-123			
Chlorobenzene	49		ug/L	50.000	1.2	97	75-119			
1,1-Dichloroethene	59		ug/L	50.000	ND	117	79-119			
Toluene	50		ug/L	50.000	0.04	101	80-114			
Trichloroethene	53		ug/L	50.000	0.5	106	81-125			
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*102*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910776 - EPA 5030B										
Matrix Spike Dup (A910776-MSD1)		**Source: ASJ0858-01**			Prepared & Analyzed: 10/27/09					
Benzene	47		ug/L	50.000	ND	93	82-123	4	9	
Chlorobenzene	49		ug/L	50.000	1.2	95	75-119	1	13	
1,1-Dichloroethene	56		ug/L	50.000	ND	112	79-119	4	9	
Toluene	49		ug/L	50.000	0.04	97	80-114	3	9	
Trichloroethene	52		ug/L	50.000	0.5	102	81-125	3	11	
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*87-123*			
Batch A910801 - EPA 5030B										
Blank (A910801-BLK1)					Prepared & Analyzed: 10/28/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*105*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*101*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
LCS (A910801-BS1)					Prepared & Analyzed: 10/28/09					
Benzene	52		ug/L	50.000		103	80-119			
Chlorobenzene	46		ug/L	50.000		93	83-111			
1,1-Dichloroethene	59		ug/L	50.000		118	77-121			
Toluene	47		ug/L	50.000		94	78-113			
Trichloroethene	54		ug/L	50.000		108	82-122			
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*104*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Report No.: ASJ0858

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910801 - EPA 5030B										
Matrix Spike (A910801-MS1)	**Source: ASJ0858-11RE1**			Prepared & Analyzed: 10/28/09						
Benzene	51		ug/L	50.000	0.02	102	82-123			
Chlorobenzene	46		ug/L	50.000	ND	92	75-119			
1,1-Dichloroethene	57		ug/L	50.000	0.3	113	79-119			
Toluene	46		ug/L	50.000	0.1	92	80-114			
Trichloroethene	76		ug/L	50.000	23	107	81-125			
Surrogate: Dibromofluoromethane	*53*		*ug/L*	*50.000*		*106*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-125*			
Surrogate: Toluene-d8	*46*		*ug/L*	*50.000*		*92*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
Matrix Spike Dup (A910801-MSD1)	**Source: ASJ0858-11RE1**			Prepared & Analyzed: 10/28/09						
Benzene	54		ug/L	50.000	0.02	108	82-123	6	9	
Chlorobenzene	49		ug/L	50.000	ND	98	75-119	6	13	
1,1-Dichloroethene	60		ug/L	50.000	0.3	119	79-119	5	9	
Toluene	49		ug/L	50.000	0.1	98	80-114	6	9	
Trichloroethene	78		ug/L	50.000	23	111	81-125	3	11	
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*105*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-125*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*93*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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October 31, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

October 31, 2009

167027

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: ERM
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Center Blvd, Suite 375 Kennesaw GA 30144 770 590 9363 / 770 590 9161 (fax)
REPORT TO: S. Thompson
CC:
REQUESTED COMPLETION DATE: Standard
PO #:
PROJECT NAME/STATE:
PROJECT #: 01005816

ATTN: Thomas Dickens / GA

DATE	TIME	MATRIX CODE*	COMPOSITE	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260B *
10/22/09	10:40	GW		✓	MW-14-200910022-01	3	3
10/22/09	11:25	GW		✓	MW-9-200910022-01	3	3
10/22/09	—	W		✓	Trip Blank	3	3
10/22/09	12:20	GW		✓	MW-10-200910022-01	3	3
10/22/09	13:15	GW		✓	MW-10A-200910022-01	3	3
10/22/09	14:15	GW		✓	MW-18D-200910022-01	3	3
10/22/09	14:40	GW		✓	MW-1-200910022-01	3	3
10/22/09	15:25	GW		✓	MW-4-200910022-01	3	3
10/23/09	10:15	GW		✓	MW-8-200910023-01	3	3
10/23/09	11:05	GW		✓	MW-2-200910023-01	3	3
10/23/09	14:00	GW		✓	MW-12-200910023-01	3	3
10/23/09	15:00	GW		✓	MW-34-200910023-01	3	3

SAMPLED BY AND TITLE: Richard Hoogland
RECEIVED BY:
DATE/TIME: 10/23/09 1505

RELINQUISHED BY: [signature]
RELINQUISHED BY:
DATE/TIME: 10/23/09 1505
DATE/TIME:

RECEIVED BY LAB: [signature]
DATE/TIME: 10/23/09 1505
pH: Checked/Preserved Ice: Yes or No
DATE/TIME:

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 2°
Custody Seal Intact Broken Missing Cooler #

ANALYSIS REQUESTED

CONTAINER TYPE / PRESERVATION

CODE	CONTAINER TYPE	PRESERVATION
A	P - PLASTIC	1 - HCl, 4°
B	A - AMBER GLASS	2 - H2SO4, 4°
	G - CLEAR GLASS	3 - HNO3, 4°
	V - VOA VIAL	4 - NaOH, 4°
	S - STERILE	5 - NaOH/ZnAc, 4°
	O - OTHER	6 - Na2S2O3, 4°
		7 - 4°

*MATRIX CODES:

DW - DRINKING WATER		S - SOIL	
WW - WASTEWATER		SL - SLUDGE	
GW - GROUNDWATER		SD - SOLID	
SW - SURFACE WATER		A - AIR	
ST - STORM WATER		L - LIQUID	
W - WATER		P - PRODUCT	

REMARKS/ADDITIONAL INFORMATION

1 * Use Williams, Dickens short analyte list for all samples
2
3
4
5 Contact Shanna Thompson if any questions.
6
7
8
9 MW-8 has residual
10 Remove from sampling
11
12

FOR LAB USE ONLY
LAB #: AST0858
In-House Location: V
Entered into LIMS: [signature]

Please use Black Ink to complete form.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 10/31/2009 2:55:41PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 10/23/09 15:35

Work Order: ASJ0858
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 12 **#Containers:** 36

Minimum Temp(C): 2.0 **Maximum Temp(C):** 2.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ASJ1121
November 09, 2009
Project: Williamson Dickies/GA
Project #:0100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hebrook

Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-13A-20091027-01	ASJ1121-01	Ground Water	10/27/09 09:50	10/30/09 16:40
MW-13-20091027-01	ASJ1121-02	Ground Water	10/27/09 10:35	10/30/09 16:40
Trip Blank	ASJ1121-03	Water	10/27/09 00:00	10/30/09 16:40
MW-33-20091027-01	ASJ1121-04	Ground Water	10/27/09 11:55	10/30/09 16:40
MW-32-20091027-01	ASJ1121-05	Ground Water	10/27/09 12:50	10/30/09 16:40
MW-28R-20091028-01	ASJ1121-06	Ground Water	10/28/09 11:00	10/30/09 16:40
MW-29R-20091028-01	ASJ1121-07	Ground Water	10/28/09 12:05	10/30/09 16:40
MW-36-20091028-01	ASJ1121-08	Ground Water	10/28/09 13:30	10/30/09 16:40
MW-37-20091028-01	ASJ1121-09	Ground Water	10/28/09 14:05	10/30/09 16:40
MW-37A-20091028-01	ASJ1121-10	Ground Water	10/28/09 15:00	10/30/09 16:40
MW-35A-20091029-01	ASJ1121-11	Ground Water	10/29/09 11:00	10/30/09 16:40
MW-35-20091029-01	ASJ1121-12	Ground Water	10/29/09 11:40	10/30/09 16:40
MW-38A-20091029-01	ASJ1121-13	Ground Water	10/29/09 12:40	10/30/09 16:40
MW-38-20091029-01	ASJ1121-14	Ground Water	10/29/09 13:30	10/30/09 16:40
Dup-01-20091029-01	ASJ1121-15	Ground Water	10/29/09 00:00	10/30/09 16:40
Dup-02-20091030-01	ASJ1121-16	Ground Water	10/30/09 00:00	10/30/09 16:40
Dup-03-20091030-01	ASJ1121-17	Ground Water	10/30/09 00:00	10/30/09 16:40
MW-19-20091030-01	ASJ1121-18	Ground Water	10/30/09 13:50	10/30/09 16:40
MW-20-20091030-01	ASJ1121-19	Ground Water	10/30/09 14:40	10/30/09 16:40
MW-25-20091030-01	ASJ1121-20	Ground Water	10/30/09 15:35	10/30/09 16:40

ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-13A-20091027-01
Date/Time Sampled: 10/27/2009 9:50:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-01
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Tetrachloroethene	14	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:14	A911078	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:14*	*A911078*	

ANALYTICAL SERVICES, INC.

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-13-20091027-01
Date/Time Sampled: 10/27/2009 10:35:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-02
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Tetrachloroethene	89	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 16:52	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 16:52*	*A911078*	

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: Trip Blank
Date/Time Sampled: 10/27/2009 12:00:00AM
Matrix: Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-03
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 17:30	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 17:30*	*A911078*	

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Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-33-20091027-01
Date/Time Sampled: 10/27/2009 11:55:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-04
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Tetrachloroethene	2.9	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:08	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:08*	*A911078*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-32-20091027-01
Date/Time Sampled: 10/27/2009 12:50:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-05
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 18:46	A911078	SMH
Surrogate: Dibromofluoromethane	*104 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 18:46*	*A911078*	

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Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-28R-20091028-01
Date/Time Sampled: 10/28/2009 11:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-06
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
cis-1,2-Dichloroethene	11	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 19:24	A911078	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 19:24*	*A911078*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-29R-20091028-01
Date/Time Sampled: 10/28/2009 12:05:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-07
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:02	A911078	SMH
Surrogate: Dibromofluoromethane	*106 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:02*	*A911078*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-36-20091028-01
Date/Time Sampled: 10/28/2009 1:30:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-08
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:15	11/03/09 20:40	A911078	SMH
Surrogate: Dibromofluoromethane	*105 %*	*85-116*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*78-125*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*11/03/09 12:15*	*11/3/09 20:40*	*A911078*	

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Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-37-20091028-01
Date/Time Sampled: 10/28/2009 2:05:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-09
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
cis-1,2-Dichloroethene	3.3	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:21	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:21*	*A911076*	

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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-37A-20091028-01
Date/Time Sampled: 10/28/2009 3:00:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-10
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:43	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*98 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:43*	*A911076*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-35A-20091029-01
Date/Time Sampled: 10/29/2009 11:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-11
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:00	A911076	SMH
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:00*	*A911076*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-35-20091029-01
Date/Time Sampled: 10/29/2009 11:40:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-12
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 14:38	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 14:38*	*A911076*	

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Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121
Client ID: MW-38A-20091029-01
Date/Time Sampled: 10/29/2009 12:40:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-13
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	3.8	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
cis-1,2-Dichloroethene	990	100	ug/L	EPA 8260B		50	11/03/09 12:20	11/03/09 15:16	A911076	SMH
trans-1,2-Dichloroethene	8.0	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Vinyl Chloride	4.9	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 20:59	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*97 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*99 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 20:59*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:16*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-38-20091029-01
Date/Time Sampled: 10/29/2009 1:30:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-14
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
cis-1,2-Dichloroethene	3.4	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Tetrachloroethene	19	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Trichloroethene	3.0	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 15:55	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 15:55*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: Dup-01-20091029-01
Date/Time Sampled: 10/29/2009 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-15
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
cis-1,2-Dichloroethene	3.5	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Tetrachloroethene	20	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Trichloroethene	3.2	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 13:22	A911076	SMH
Surrogate: Dibromofluoromethane	*100 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 13:22*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: Dup-02-20091030-01
Date/Time Sampled: 10/30/2009 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-16
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
cis-1,2-Dichloroethene	86	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 18:27	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*98 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 18:27*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: Dup-03-20091030-01
Date/Time Sampled: 10/30/2009 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-17
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
cis-1,2-Dichloroethene	13	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Tetrachloroethene	55	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Trichloroethene	4.8	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 19:05	A911076	SMH
Surrogate: Dibromofluoromethane	*102 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	
Surrogate: Toluene-d8	*99 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 19:05*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-19-20091030-01
Date/Time Sampled: 10/30/2009 1:50:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-18
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 16:33	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*95 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 16:33*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-20-20091030-01
Date/Time Sampled: 10/30/2009 2:40:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-19
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
cis-1,2-Dichloroethene	89	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:11	A911076	SMH
Surrogate: Dibromofluoromethane	*103 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:11*	*A911076*	

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November 09, 2009

Report No.: ASJ1121
Client ID: MW-25-20091030-01
Date/Time Sampled: 10/30/2009 3:35:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ASJ1121-20
Date/Time Received: 10/30/2009 4:40:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
cis-1,2-Dichloroethene	13	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Tetrachloroethene	51	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Trichloroethene	4.6	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	11/03/09 12:20	11/03/09 17:49	A911076	SMH
Surrogate: Dibromofluoromethane	*101 %*	*85-116*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	
Surrogate: 1,2-Dichloroethane-d4	*97 %*	*78-125*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	
Surrogate: Toluene-d8	*98 %*	*87-113*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	
Surrogate: 4-Bromofluorobenzene	*96 %*	*87-123*		*EPA 8260B*			*11/03/09 12:20*	*11/3/09 17:49*	*A911076*	

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November 09, 2009

Report No.: ASJ1121

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A911076 - EPA 5030B										
Blank (A911076-BLK1)					Prepared & Analyzed: 11/03/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
LCS (A911076-BS1)					Prepared & Analyzed: 11/03/09					
Benzene	47		ug/L	50.000		94	80-119			
Chlorobenzene	51		ug/L	50.000		101	83-111			
1,1-Dichloroethene	55		ug/L	50.000		109	77-121			
Toluene	47		ug/L	50.000		94	78-113			
Trichloroethene	52		ug/L	50.000		104	82-122			
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*99*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			
Matrix Spike (A911076-MS1)		**Source: ASJ1121-20**			Prepared & Analyzed: 11/03/09					
Benzene	43		ug/L	50.000	0.03	86	82-123			
Chlorobenzene	45		ug/L	50.000	ND	90	75-119			
1,1-Dichloroethene	47		ug/L	50.000	ND	94	79-119			
Toluene	42		ug/L	50.000	0.1	85	80-114			
Trichloroethene	50		ug/L	50.000	4.6	92	81-125			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*87-123*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A911076 - EPA 5030B										
Matrix Spike Dup (A911076-MSD1)		**Source: ASJ1121-20**			Prepared & Analyzed: 11/03/09					
Benzene	47		ug/L	50.000	0.03	94	82-123	10	9	QR-02
Chlorobenzene	49		ug/L	50.000	ND	99	75-119	9	13	
1,1-Dichloroethene	53		ug/L	50.000	ND	105	79-119	11	9	QR-02
Toluene	47		ug/L	50.000	0.1	94	80-114	10	9	QR-02
Trichloroethene	55		ug/L	50.000	4.6	101	81-125	9	11	
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*87-123*			
Batch A911078 - EPA 5030B										
Blank (A911078-BLK1)					Prepared & Analyzed: 11/03/09					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*102*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*96*	*87-123*			
LCS (A911078-BS1)					Prepared & Analyzed: 11/03/09					
Benzene	48		ug/L	50.000		97	80-119			
Chlorobenzene	49		ug/L	50.000		98	83-111			
1,1-Dichloroethene	55		ug/L	50.000		109	77-121			
Toluene	45		ug/L	50.000		90	78-113			
Trichloroethene	53		ug/L	50.000		106	82-122			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*101*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-125*			
Surrogate: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*48*		*ug/L*	*50.000*		*97*	*87-123*			

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Report No.: ASJ1121

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A911078 - EPA 5030B										
Matrix Spike (A911078-MS1)	**Source: ASJ1121-01**				Prepared & Analyzed: 11/03/09					
Benzene	47		ug/L	50.000	0.01	94	82-123			
Chlorobenzene	47		ug/L	50.000	0.04	94	75-119			
1,1-Dichloroethene	50		ug/L	50.000	ND	99	79-119			
Toluene	44		ug/L	50.000	0.05	88	80-114			
Trichloroethene	50		ug/L	50.000	ND	100	81-125			
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*103*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*101*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*87-123*			
Matrix Spike Dup (A911078-MSD1)	**Source: ASJ1121-01**				Prepared & Analyzed: 11/03/09					
Benzene	46		ug/L	50.000	0.01	92	82-123	3	9	
Chlorobenzene	46		ug/L	50.000	0.04	93	75-119	2	13	
1,1-Dichloroethene	49		ug/L	50.000	ND	98	79-119	2	9	
Toluene	43		ug/L	50.000	0.05	86	80-114	2	9	
Trichloroethene	49		ug/L	50.000	ND	99	81-125	2	11	
Surrogate: Dibromofluoromethane	*52*		*ug/L*	*50.000*		*104*	*85-116*			
Surrogate: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-125*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*87-113*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*87-123*			

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300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

November 09, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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November 09, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries.

Note: Unless otherwise noted, all results are reported on an as received basis.

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

167026

ASI **ANALYTICAL SERVICES, INC.**
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

CHAIN OF CUSTODY RECORD

PAGE: 1 OF 2

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:
300 Chastain Center Blvd, Suite 375
Kennesaw, GA 30144 770 590 6363 (P) 770 590 9164 (F)

REPORT TO: S. Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson Dickies / GA

PROJECT #: 0100586

ANALYSIS REQUESTED: CONTAINER TYPE: V; PRESERVATION: Z

LAB ID NUMBER	DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260 B+
1	10/27/09	950	GW		X	MW-13A-20091027-01	3	3
2	10/27/09	1035	GW		X	MW-13-20091027-01	3	3
3	–	–	W		X	Trip Blank	3	3
4	10/27/09	1155	GW		X	MW-33-20091027-01	3	3
5	10/27/09	1250	GW		X	MW-32-20091027-01	3	3
6	10/28/09	1100	GW		X	MW-28R-20091028-01	2	2
7	10/28/09	1205	GW		X	MW-29R-20091028-01	2	2
8	10/28/09	1330	GW		X	MW-36-20091028-01	2	2
9	10/28/09	1405	GW		X	MW-37-20091028-01	2	2
10	10/28/09	1500	GW		X	MW-37A-20091028-01	2	2
11	10/29/09	1100	GW		X	MW-35A-20091029-01	2	2
12	10/29/09	1140	GW		X	MW-35-20091029-01	2	2

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION
Use Williamson Dickies short analyte list for all samples.
Contact Shanna Thompson if any questions.

SAMPLED BY AND TITLE: R Hoadland — DATE/TIME: 10/30/09 1600
RECEIVED BY: — DATE/TIME:
RECEIVED BY LAB: Charles Henk — DATE/TIME: 10/30/09 1640
pH: — Labeled Preserved — Ice: Yes or No

RELINQUISHED BY: R Hoadland — DATE/TIME: 10/30/09 1640
RELINQUISHED BY: — DATE/TIME:
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 2°C — Custody Seal: Intact Broken Missing — Cooler #

FOR LAB USE ONLY
LAB #: ASJ1121
In-house location: V
Entered Into LIMS: MR

Please use Black Ink to complete form

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

November 09, 2009

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

166439

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 2 OF 2

CLIENT NAME: ERM

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Chastain Center Blvd, Suite 375 Kennesaw, GA 30144 770-590-8383(P) 770-590-9164 (F)

REPORT TO: S. Thompson

CC:

REQUESTED COMPLETION DATE: Standard

PO #:

PROJECT NAME/STATE: Williamson Dickies / GA

PROJECT #: 0100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS (CONTAINER TYPE / PRESERVATION)	8260B*	LAB ID NUMBER
10/29/09	1240	GW		X	MW-38A-20091029-01	2	2	13
10/29/09	1330	GW		X	MW-38-20091029-01	2	2	14
10/29/09	—	GW		X	DUP-01-20091029-01	1	1	15
10/30/09	—	GW		X	DUP-02-20091030-01	2	2	16
10/30/09	—	GW		X	DUP-03-20091030-01	2	2	17
10/30/09	1350	GW		X	MW-19-20091030-01	2	2	18
10/30/09	1440	GW		X	MW-26-20091030-01	2	2	19
10/30/09	1535	GW		X	MW-25-20091030-01	2	2	20

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S203, 4°
	7 - 4°

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION

* Use Williamson Dickies short analyte list for all samples

DUP-01-20091029-01 has 1 VOA (2nd VOA broke)

SAMPLED BY AND TITLE: R. Hoagland

DATE/TIME: 10/30/09 1600

RELINQUISHED BY: R. Hoagland

DATE/TIME: 10/30/09 1640

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY LAB: Charles Hunt

DATE/TIME: 10/30/09 1640

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:

pH: Labeled Preserved

Ice: Yes or No

Temperature: 2°C

Custody Seal: Intact Broken Missing

Cooler #

FOR LAB USE ONLY

LAB #: ASJ1121

In-house location: V

Entered Into LIMS: MR

Please use Black Ink to complete form

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 11/09/2009 4:03:28PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 10/30/09 16:40

Work Order: ASJ1121
Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 20 **#Containers:** 44

Minimum Temp(C): 2.0 **Maximum Temp(C):** 2.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

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ANALYTICAL SERVICES, INC.

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(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw, GA 30144

Attention: Ms. Shanna Thompson

Report Number: ATA0703
January 29, 2010
Project: Williamson Dickies/GA
Project #:100586

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Christina Hartbrook

Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

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110 Technology Parkway, Norcross, GA 30092
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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trip Blank	ATA0703-01	Water	01/27/10 00:00	01/27/10 15:55
Duplicate-01	ATA0703-02	Ground Water	01/27/10 00:00	01/27/10 15:55
MW-38A	ATA0703-03	Ground Water	01/27/10 12:46	01/27/10 15:55

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ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703
Client ID: Trip Blank
Date/Time Sampled: 1/27/2010 12:00:00AM
Matrix: Water

Project: Williamson Dickies/GA
Lab Number ID: ATA0703-01
Date/Time Received: 1/27/2010 3:55:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 15:15	0010654	GN
Surrogate: Dibromofluoromethane	*96 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*94 %*	*77-116*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	
Surrogate: Toluene-d8	*95 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*97 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 15:15*	*0010654*	

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ERM - Kennesaw
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Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703
Client ID: Duplicate-01
Date/Time Sampled: 1/27/2010 12:00:00AM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ATA0703-02
Date/Time Received: 1/27/2010 3:55:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	40	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
cis-1,2-Dichloroethene	9200	200	ug/L	EPA 8260B	B	100	1/28/10 12:00	1/28/10 13:45	0010654	CJH
trans-1,2-Dichloroethene	31	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Vinyl Chloride	29	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 20:25	0010654	GN
Surrogate: Dibromofluoromethane	*94 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: Dibromofluoromethane	*99 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*77-116*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*77-116*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: Toluene-d8	*95 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: Toluene-d8	*97 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 20:25*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 13:45*	*0010654*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

ERM - Kennesaw
300 Chastain Center Blvd., Suite 375
Kennesaw GA, 30144
Attention: Ms. Shanna Thompson

January 29, 2010

Report No.: ATA0703
Client ID: MW-38A
Date/Time Sampled: 1/27/2010 12:46:00PM
Matrix: Ground Water

Project: Williamson Dickies/GA
Lab Number ID: ATA0703-03
Date/Time Received: 1/27/2010 3:55:00PM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260										
1,1-Dichloroethene	39	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
cis-1,2-Dichloroethene	8500	200	ug/L	EPA 8260B	B	100	1/28/10 12:00	1/28/10 14:24	0010654	CJH
trans-1,2-Dichloroethene	31	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Trichloroethene	ND	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Vinyl Chloride	29	2.0	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
1,4-Dioxane	ND	500	ug/L	EPA 8260B		1	1/28/10 14:00	1/28/10 21:04	0010654	GN
Surrogate: Dibromofluoromethane	*99 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	
Surrogate: Dibromofluoromethane	*94 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*99 %*	*77-116*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	
Surrogate: 1,2-Dichloroethane-d4	*96 %*	*77-116*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: Toluene-d8	*94 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: Toluene-d8	*98 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*80-120*		*EPA 8260B*			*1/28/10 14:00*	*1/28/10 21:04*	*0010654*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*80-120*		*EPA 8260B*			*1/28/10 12:00*	*1/28/10 14:24*	*0010654*	

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January 29, 2010

Report No.: ATA0703

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 0010654 - EPA 5030B										
Blank (0010654-BLK1)					Prepared & Analyzed: 01/28/10					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	2.3	2.0	ug/L							B
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*95*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*47*		*ug/L*	*50.000*		*94*	*77-116*			
Surrogate: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Blank (0010654-BLK2)					Prepared & Analyzed: 01/28/10					
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
1,4-Dioxane	ND	500	ug/L							
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*77-116*			
Surrogate: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*100*	*80-120*			
LCS (0010654-BS1)					Prepared & Analyzed: 01/28/10					
Benzene	56		ug/L	50.000		112	80-119			
Chlorobenzene	51		ug/L	50.000		102	83-111			
1,1-Dichloroethene	58		ug/L	50.000		117	77-121			
Toluene	54		ug/L	50.000		109	78-113			
Trichloroethene	57		ug/L	50.000		113	82-122			
Surrogate: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*95*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*77-116*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*80-120*			

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January 29, 2010

Report No.: ATA0703

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 0010654 - EPA 5030B										
Matrix Spike (0010654-MS1)		**Source: ATA0724-01**			Prepared & Analyzed: 01/28/10					
Benzene	140		ug/L	50.000	95	87	82-123			
Chlorobenzene	40		ug/L	50.000	ND	81	75-119			
1,1-Dichloroethene	48		ug/L	50.000	0.08	95	79-119			
Toluene	100		ug/L	50.000	0.6	204	80-114			QM-07
Trichloroethene	110		ug/L	50.000	ND	216	81-125			QM-07
Surrogate: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*77-116*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*58*		*ug/L*	*50.000*		*117*	*80-120*			
Matrix Spike Dup (0010654-MSD1)		**Source: ATA0724-01**			Prepared & Analyzed: 01/28/10					
Benzene	140		ug/L	50.000	95	86	82-123	0.4	9	
Chlorobenzene	42		ug/L	50.000	ND	83	75-119	3	13	
1,1-Dichloroethene	49		ug/L	50.000	0.08	97	79-119	2	9	
Toluene	110		ug/L	50.000	0.6	213	80-114	4	9	QM-07
Trichloroethene	110		ug/L	50.000	ND	223	81-125	3	11	QM-07
Surrogate: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*101*	*80-120*			
Surrogate: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*99*	*77-116*			
Surrogate: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*62*		*ug/L*	*50.000*		*125*	*80-120*			*S-04*

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January 29, 2010

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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January 29, 2010

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

S-04 The surrogate recovery for this sample is outside of established control limits due to a suspected sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

B Analyte was detected in the associated method blank at level equal to or greater than the reporting limit. Sample values reported as greater than the reporting limit and less than 10x the method blank value are reported as estimated values.

B Analyte was detected in the associated method blank at level equal to or greater than the reporting limit. Sample values reported as greater than the reporting limit and less than 10x the method blank value are reported as estimated values.

Note: Unless otherwise noted, all results are reported on an as received basis.

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Attention: Ms. Shanna Thompson

January 29, 2010

173191

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: ERM
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: ERM 300 Chastain Center Blvd Ste 375 Kennesaw, GA 30144
REPORT TO: Shanna Thompson
CC:
REQUESTED COMPLETION DATE: ASAP need last turnaround
PO #:
PROJECT NAME/STATE: Williamson Dickies / GA
PROJECT #: 100586

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	8260B-Short list	LAB ID NUMBER
		W		✓	Trip Blank	3	X	1
		GW		✓	DUP-01	2	X	2
1/27/10	1246	GW		✓	MW-38A	2	X	3

CONTAINER TYPE: P - PLASTIC, A - AMBER GLASS, G - CLEAR GLASS, V - VOA VIAL, S - STERILE, O - OTHER

PRESERVATION: 1 - HCl, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°

*MATRIX CODES: DW - DRINKING WATER, WW - WASTEWATER, GW - GROUNDWATER, SW - SURFACE WATER, ST - STORM WATER, W - WATER, S - SOIL, SL - SLUDGE, SD - SOLID, A - AIR, L - LIQUID, P - PRODUCT

REMARKS/ADDITIONAL INFORMATION: Analyze all for 1,1-Dichloroethene; cis-1,2-Dichloroethene; trans-1,2-Dichloroethene; Tetrachloroethene; Trichloroethene; Vinyl Chloride; 1,4-Dioxane

SAMPLED BY AND TITLE: Don Dowly
DATE/TIME: 1/27/2010 1300
RECEIVED BY:
DATE/TIME:
RELINQUISHED BY: Don Dowly
DATE/TIME: 1/27/10 1555
RELINQUISHED BY:
DATE/TIME:
RECEIVED BY LAB: Charles Hawk
DATE/TIME: 1/27/10 1555
pH: Labelled Preserved
Ice: Yes or No
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 10°C
Custody Seal: Intact Broken Missing
Cooler #

FOR LAB USE ONLY
LAB #: ATA0703
In-house location: V
Entered into LIMS: CH

Please use Black Ink to complete form.

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 1/29/2010 4:21:33PM**

Attn: Ms. Shanna Thompson

Client: ERM - Kennesaw
Project: Williamson Dickies/GA
Date Received: 01/27/10 15:55

Work Order: ATA0703
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 3 **#Containers:** 7

Minimum Temp(C): 1.0 **Maximum Temp(C):** 1.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments: