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"Voluntary Remediation Program Compliance Status Report for the Former Diamond Rug and Carpet Mills, 4140 US Highway 411, Eton, Murray County, Georgia, HSI#10534"

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Michael H. Wilson
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RPS GaiaTech

RPS GaiaTech Environmental Risk. Managed.

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT

FORMER DIAMOND RUG AND CARPET MILLS – ETON PLANT PROPERTY
4140 HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
HSI SITE NO. 10534
TAX PARCEL 0064A 090

PREPARED FOR

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT

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PREPARED FOR

MOHAWK

MOHAWK INDUSTRIES, INC.

DOCUMENT PRESENTED TO:

GEORGIA ENVIRONMENTAL PROTECTION DIVISION
RESPONSE AND REMEDIATION PROGRAM
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THE INFORMATION CONTAINED IN THIS REPORT TITLED

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT
FORMER DIAMOND RUG AND CARPET MILLS – ETON PLANT PROPERTY
4140 HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
IS INTENDED FOR THE USE OF
MOHAWK INDUSTRIES, INC., ITS DESIGNEES
AND THE RESPONSE AND REMEDIATION PROGRAM
OF THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION

Project No. 157149.400.00

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MICHAEL H. WILSON, *MANAGER*

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OCTOBER 2015.

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1.0 INTRODUCTION

This Voluntary Remediation Program (VRP) Compliance Status Report (CSR) is being submitted on behalf of Mohawk Industries, Inc. (Mohawk) for the former Diamond Rug and Carpet Mills property (HSI #10534) located at 4140 Highway 411, Eton, Murray County, Georgia (hereafter, the "Property"). The Site Location is provided on **Figure 1**. The Property is owned by Mohawk and the Tax Parcel Number is 0064A 090 (the Murray County tax map and warranty deed information are provided in **Appendix A**). Mohawk submitted a Voluntary Investigation and Remedial Plan (VIRP) Application to the Georgia Environmental Protection Division (EPD) in December 2011. The EPD approved the application and accepted Mohawk as a participant in the Georgia VRP in a letter dated April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones, which are as follows:

- **Semiannual Progress Reports** – October 12 and April 12 through October 12, 2016;
- **Complete Horizontal Delineation on the Qualifying Property** - 12 months from VIRP Approval;
- **Complete Horizontal Delineation on all Impacted Properties** - 24 months from VIRP Approval;
- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - 30 months from VIRP Approval;
- **Submission of Compliance Status Report (CSR)** – Must be submitted by April 12, 2017.

To date, all milestones have been met with the exception of a CSR submission. In a meeting with Mohawk, RPS GaiaTech, and the EPD on September 16, 2014, the EPD agreed that the submission of an Environmental Covenant mechanism and a CSR would be appropriate to achieve site closure. As such, this CSR serves to document Mohawk's compliance with Type 1 Risk Reduction Standards (RRS) for soil and Type 4 RRS for groundwater. This CSR submission therefore requests delisting the property from the Georgia Hazardous Site Inventory (HSI).

2.0 BACKGROUND

The subject Property is located at 4140 North Highway 411 just north of the Eton city limit in Murray County, Georgia. **Figure 1** illustrates the location of the Property. The site is currently used for manufacturing carpet and is presently owned by the Aladdin Manufacturing Division of Mohawk Industries, Inc.

The property is located within an industrial area on the north side of Eton Georgia. It is bounded on the north by a small tufting operation and undeveloped land, to the east by CSX railroad line that is bounded further to the east by other industrial facilities, to the south by Beaulieau Industries and to the west of US Highway 411 by Superior Carpets. **Figure 2** depicts the site layout and area features.

The facility became listed on the Hazardous Site Index (HSI) due to a release of Tetrachloroethene (PCE) in groundwater at levels exceeding its respective reportable quantity screening method (RQSM) threshold for groundwater. The detected release was found in a small portion of the facility in the vicinity of the outside and northeast corner of the main building (see **Figure 2**). Other regulated substances which have been detected are likely degradation products of PCE including Trichloroethene (TCE),1,1-Dichloroethane (1,1-DCA), cis-1,2-dichloroethene (cis-1,2 DCE) and 1,1,1-Trichloroethane (1,1,1-TCA). Benzene has also been detected at the facility, but the most likely source is a former gasoline tank that was investigated and closed under the Underground Storage Tank Management Program (USTMP). PCE and TCE were also identified in onsite soil samples, however the concentrations did not exceed notification concentrations for soil.

2.1 Previous Documents

The site has had several environmental assessments and remedial actions conducted by various consultants between 1997 and 2011. This VRP CSR has been prepared based in part on the following documents:

- Phase I/II Environmental Site Assessment, Atlanta Environmental Management, 1997
- Class V Underground Injection Pilot Test Notification, December 5, 2002
- Compliance Status Report Former Diamond Rug and Carpet Mills, Eton Plant, HSI Site No. 10534, Conestoga Rovers, July 2002.
- EPD Notice of Deficiency (NOD) letter dated February 6, 2004
- Response letter to EPD dated April 15, 2004
- EPD NOD letter dated March 30, 2005
- Response letter to EPD dated June 2, 2005

- Interim Remedial Status Report, Conestoga Rovers, dated June 2, 2005
- EPD NOD letter to Mohawk dated November 9, 2010
- Groundwater and Limited Soil Sampling Results for Mohawk Industries, Inc. dated April 26, 2011.
- December 2011 Voluntary Remediation Plan Application, RPS GaiaTech
- 1st Semiannual Progress Report, RPS GaiaTech, October, 2012
- 2nd Semiannual Progress Report, RPS GaiaTech, April 2013
- 3rd Semiannual Progress Report, RPS GaiaTech, October, 2013
- 4th Semiannual Progress Report, RPS GaiaTech, April 2014
- 5th Semiannual Progress Report, RPS GaiaTech, October 1, 2014
- 6th Semiannual Progress Report, RPS GaiaTech, April 2015

These reports are included in **Appendix B**.

2.2 Chronology of Events

The main manufacturing building was first constructed in 1969 on the northern portion of the property. The main building expanded to the east and south in various stages throughout the 1970s and 1980s.

During February through May 1997, Atlanta Environmental Management, Inc. (AEM) conducted a Phase I and II Environmental Site Assessment (ESA) of the Property on behalf of Mohawk. The purpose of the Phase I / II activities was to identify potential impacts from on- and off-site property uses. Several areas of concern were identified during the AEM assessment activities.

The AEM Phase I / II activities identified a total of thirteen (13) septic systems servicing the process and sanitary wastes of the facility. Based upon historic and current facility practices, five (5) of these septic systems were identified as potential concerns and were further evaluated with soil and groundwater testing in the drain fields of the individual septic systems. Of the 5 septic systems evaluated, two systems, one near the compressor room and one near the trailer lot, reported elevated concentrations of Volatile Organic Compounds (VOCs). During the Phase II ESA activities, PCE was detected in two groundwater samples, with concentrations of 310 micrograms per liter (ug/l) and 29 ug/l.

The two groundwater samples with VOC detections were collected from two monitoring wells located downgradient of the dye sump and associated gravel drain field outside of the northeast portion of the main building (dye sump area).

Additional analytes detected during AEM's 1997 Phase II activities relative to the dye sump area consisted of PCE and its potentially related degradation products (1,1-trichlorethane, 1,1-dichloroethane, cis-1,2-dichloroethene and trichloroethene).

Other compounds detected by AEM's 1997 Phase II activities were benzene and selenium. However, the 1997 detected concentrations of benzene and selenium were detected in areas in the vicinity of the former waste oil UST, and are not associated with the dye sump. Benzene and selenium were not detected in the two monitoring wells associated with the PCE exceedance.

In accordance with GEPD release notification requirements, promulgated under the Georgia Hazardous Site Response Act (HSRA). A Release Notification, for chlorinated solvents detected in groundwater, was submitted to the Georgia EPD's Hazardous Site Response Act (HSRA) program in January 1994. EPD notified the property owner by letter that the site had been listed on the HSI as site number 10534.

Figure 3 indicates the area of the release. Reportedly, small amounts of spent solvent were discharged into the former dye sump and associated gravel drain field and septic system. These systems are no longer used by Mohawk and portions of them were removed by the former owner prior to purchase by Mohawk in 1997**.**

There were two investigations related to underground storage tank areas not related to the HSRA release. One was for a leaking gasoline UST (Facility I.D. 9105037) and the other for one used oil UST (Facility I.D. 9105037-2). Part A Corrective Action Plans were submitted to EPD USTMP for both releases on September 24, 1999. No active remediation was required for either site and both received no further action notices; one on May 31, 2001; and the other on June 23, 2004**.**

In support of the 2002 CSR, Conestoga Rovers & Associates (CRA) installed nine borings for additional evaluation of the soil around the dye sump and gravel drain field (BH-1 through BH-7 and BH-12 and BH-13). During this same time period, 11 borings were installed for the purpose of groundwater sampling. In addition, MWW-1 (from the UST evaluation) was also sampled.

In May 2002, BH-1 was converted into monitoring well OW-1 and BH-7 was converted into monitoring well OW-2. Three additional monitoring wells OW-3, OW-4 and OW-5 were installed during this same time period.

On May 31, 2002 CRA collected additional groundwater samples from seven existing groundwater monitoring wells (MWW-1, MWW-2, MWW-5, PZ-4, TW-9, TW-10, and TW-11). These monitoring wells were installed during the previous UST related investigations.

Remedial actions were conducted at the site to address groundwater impacts. These activities included three injections of the in-situ chemical oxidant,

potassium permanganate. Injection events were conducted in December 2002, April and May of 2003, and June 2004.

On February 6, 2004 EPD issued a Notice of Deficiency letter which required numerous clarifications to the work performed. This was followed by a response letter to EPD dated April 15th 2004 which answered the questions posed by EPD; however, no additional field work was performed.

EPD then issued another Notice of Deficiency letter dated March 30, 2005 which re-iterated the need for additional soil and groundwater delineation. There were other comments regarding the work performed.

A response to this NOD letter dated June 2, 2005 was prepared by CRA. Additional borings BH-14 through BH-18 were installed to further delineate the soil contamination and monitoring wells OW-6, OW-7, OW-8D, and OW-9 were also installed and sampled to further delineate the groundwater contamination.

EPD then issued an additional NOD letter dated November 9, 2010, which required various clarifications and further delineation of the soil and groundwater contamination to background levels.

In response to this letter Mohawk retained RPS GaiaTech to perform additional soil and groundwater sampling. This work was summarized in a letter report dated April 26, 2011. RPS GaiaTech, on behalf of Mowhawk, submitted a VIRP Application to the Georgia EPD in December 2011 and was accepted into the VRP April 12, 2012. The April 12, 2012 VRP acceptance letter specified corrective actions consisting of:

- Additional site investigation including well installation to define the extent of the Volatile Organic Compound plume and a survey to identify potential receptors for exposure pathway analysis;
- Fate and Transport modeling of the projected movement of the contaminant plume and long term modeling, if applicable; and
- Use of Institutional Controls [Uniform Environmental Covenant] to restrict exposure to site impacts.

Since acceptance into the VRP, Mohawk has completed additional site assessment activities to more fully characterize the Conceptual Site Model (CSM) by delineating the extent of impacts in soil and groundwater and evaluation of exposure pathways to determine the potential receptors to the documented impacts on the Mohawk property. These assessment results have been provided to the EPD in semiannual progress reports providing updates as to the compliance with prescribed milestone schedule benchmarks.

The EPD issued a letter on May 19, 2014 commenting on the submissions of the first four VRP Semiannual Progress Reports dated October 2012, April 2013, October 2013, and March 2014. In the letter, the EPD was in agreement that:

- Horizontal delineation of groundwater had been achieved;
- Soil concentrations are in compliance with Type 1 Risk Reduction Standards (RRS);
- Based upon vapor intrusion evaluations conducted in the October 2012 Progress Report, that the vapor intrusion pathway does not pose a significant risk.

However, the EPD did not concur that the surface water pathway is incomplete due to the fact that the deep aquifer had not been delineated vertically. The vertical delineation of the groundwater plume was achieved via the installation of monitoring well DW-1 in August 2014.

In a meeting with the Georgia EPD on September 16, 2014, VIRP site investigation data was presented and site closure was discussed. The EPD indicated that the Property would be a good candidate for risk-based closure under the VRP with the submission of a CSR and institutional controls to prevent exposure to groundwater.

3.0 REGULATED SUBSTANCES

Results of prior soil and groundwater sampling activities have indicated that a release of regulated substances to soil and groundwater had occurred at the site.

The Constituents of Concern (COC) detected at the site included chlorinated compounds and their typical breakdown products. These substances were prescribed by EPD in their November 9, 2010 NOD letter. The regulated substances and their respective groundwater delineation criteria are:

Regulated Constituent	CAS Number	Delineation Criteria (µg/l)
1,1,1 Trichloroethane	71-55-6	200
1,1 Dichloroethane	75-34-3	4,000
1,2 Dichloroethane	107-06-2	5
1,1 Dichloroethene	75-35-4	7
cis-1,2 Dichloroethene	155-59-2	70
Tetrachloroethene	127-18-4	5
Trichlroethene	79-01-6	5
1,1,2 Trichlorethane	79-00-5	5
Vinyl Chloride	75-01-4	2

4.0 VIRP ASSESSMENT ACTIVITIES

Assessment activities at the site have been conducted from 1997 through 2014. The data collected during these investigations and the hydrogeology and receptor surveys have been summarized in various submittals to the HSRA program and include the documents referenced in Section 2.

4.1 Soil Data

The soil contamination at the site was documented in the May 1997 AEM Phase II report, for the development of the CSR and subsequent sampling requested by EPD, and during the March 2011 sampling.

Of the 23 soil samples collected, the only samples that exceeded the Type 1 Risk Reduction Standards (RRS) were BH-1 and BH-14 at 2 feet below ground surface (bgs) and BH-14 at 14 feet bgs. Subsequent sampling during 2011 indicated that all these locations were well below Type 1 RRS.

Remediation of the PCE contaminated soil was initiated in three phases between December 2002 and June 2004. While the remediation primarily focused on the groundwater, some shallow injection was conducted during the first treatment around OW-1 through OW-5 and MWW-1 at five to ten feet bgs. The last injection event focused on soil at the five-foot depth range near the center of the contaminated areas.

In a letter dated April 12, 2012 from the Georgia EPD, additional soil characterization was requested to address a residual detection of PCE in soil boring BH-5. This area had previously been sampled as part of assessment activities in May 2002. A sample collected at a depth of 2 feet exhibited a PCE concentration of 0.580 mg/kg, which was above the Type 1 RRS of 0.500 mg/kg. The area was later remediated via a series of potassium permanganate soil injection activities in December 2002, April 2003, and June 2004. However, the soil boring location was never sampled for post-remedial verification. As such, additional soil sampling activities were implemented to address the prior PCE detection in BH-5 as part of VIRP activities

A total of five soil borings were advanced in/and around the location of the prior detection of PCE in soil boring sample location BH-5 which was collected in 2002. One sample, BH-5 (4'), was collected in the approximate location of BH-5 at a depth of 4 feet. Additional soil borings were advanced approximately 10 feet laterally from the location of BH-5 and 2 feet in depth in the four geographic directions (i.e., north, south, east, and west). As such, these sampled were designated BH-5N, BH-5S, BH-5E, and BH-5W. Analytical testing results did not identify constituents above the Type 1 RRS. EPD agreed with this conclusion in a letter dated May 19, 2014. Soil borings installed as part of the VIRP implementation are depicted on **Figure 4**. Details of the VIRP soils investigation are provided in **Appendix B** in the document entitled "2nd Semiannual Progress Report, RPS GaiaTech, April 2013".

4.2 VIRP Groundwater Data

Prior assessment data has consistently measured the groundwater flow direction in a southeasterly direction. **Table 1** summarizes the historic groundwater elevation data utilized as part of VIRP implementation. A map depicting the typical groundwater potentiometric surface map is included as **Figure 5**. A total of three (3) additional groundwater monitoring wells were installed in February of 2012 and a fourth well was installed in March of 2013 to define the horizontal extent of groundwater impact on the VRP property. In addition, monitoring wells OW-5, OW-7, and OW-9 were sampled to augment delineation data from newly installed monitoring wells. Of the seven groundwater monitoring wells sampled to document the horizontal extent of groundwater impact, one well (OW-5) was reported to contain 11 µg/l of PCE. OW-5 was sampled in February of 2013. Subsequent to receipt of analytical testing results, one additional groundwater delineation well, OW-13, was installed and sampled in March 2013 downgradient from OW-5 to complete the horizontal delineation of the groundwater plume. Analytical testing results from OW-13 indicate that the horizontal extent of groundwater impact has been delineated. Details of the VIRP horizontal groundwater investigation and horizontal plume delineation are included in **Appendix B** – in the document entitled "2nd Semiannual Progress Report, RPS GaiaTech, April 2013".

A double cased Type 3 bedrock monitoring well, monitoring well DW-1, was installed to a depth of 66 ft. below land surface in August 2014 to demonstrate vertical delineation of the groundwater plume. Analytical testing results indicated a detection of 1,1-Dichlorotheane at a concentration of 16 ug/L, which was significantly below the Type 1 RRS of 4,000 ug/L. As such, the vertical extent of groundwater impact had been achieved. Groundwater monitoring wells installed to demonstrate the horizontal and vertical extent of groundwater impacts as part of the VIRP implementation are depicted on **Figure 6**. Details of the VIRP vertical extent of impact groundwater investigation are included in **Appendix B** – in the document entitled "5th Semiannual Progress Report, RPS GaiaTech, October 1, 2014".

5.0 POTENTIAL RECEPTORS AND EXPOSURE PATHWAYS

5.1 Groundwater Usage

Based on the last well survey, there is no apparent potential for exposure to substances released from the site through exposure to groundwater. The following paragraphs summarize the result of a 1999 CRA memorandum related to a formal well and drinking water intake survey.

The nearest public and downgradient water supply is “Eton Spring” which is approximately 4750 feet from the site. The city of Eton receives its water from the Chatsworth system. Eton Spring, also known as James Spring is the nearest well or spring (either public or private) which is hydraulically downgradient of the site.

The nearest private well is approximately 1200 feet north/northwest of the site, however, it is located hydraulically upgradient of the site. The well is reported as belonging to the Waleys residence located at 4374 Highway 411 North, Eton, Georgia. The well is approximately 200 feet deep and was reported as being used for drinking water in 1999.

The vertical extent of groundwater impact has been delineated to below VIRP delineation criteria. As such, the CSM indicates that impacts do not extend beneath the depth of the on-site deep monitoring well, DW-1, installed to a depth of 66 ft. As such, the data does not indicate that the low-level impacts pose a significant risk to drinking water resources.

5.2 Surface Water Usage

There is no naturally occurring surface water located at the Property. The ponds identified on the property are from former latex holding ponds that have been closed by filling and grading so that no water accumulates in that area. The area of the former ponds are now used as gravel covered parking lots. The majority of the site is paved or overlain by the main facility building, however, the ground surface of the Site is primarily covered with gravel.

A tributary to Mill Creek (the closest surface water body) is approximately 800 feet to 1000 feet east of the site (see **Figure 1**) and is a likely the ultimate discharge area for shallow groundwater beneath the site. Mill Creek originates high on the east side of Grassy Mountain, flowing counterclockwise around the mountain to Eton. The Conasauga River takes a similar but longer path, and the two intersect about 5 miles southwest of Eton. The Conasauga River is the ultimate surface water drain for all of Murray and Whitfield Counties, so it is reasonable to assume that the regional groundwater levels will be at elevations significantly higher that the Conasauga River at its confluence with Mill Creek which is at 665 feet above mean sea level.

Since the shallow groundwater residual impacts on the Property has been delineated horizontally. Given that the groundwater discharges 800 to 1000 feet from the site, the release does not appear to be a threat to surface water.

Moreover, the vertical extent of groundwater impact has been delineated to below VIRP delineation criteria as part of VIRP activities. As such, the CSM indicates that impacts do not extend beneath the depth of the on-site deep monitoring well, DW-1, installed to a depth of 66 ft. Additionally, the data indicates the horizontal and vertical extent of impacts in groundwater has been defined to the VIRP property and the level impacts identified pose no significant risk to surface water resources.

5.3 Vapor Intrusion

As stated in the 1st Semiannual Progress Report dated October 12, 2012 (**Appendix B**), the only groundwater monitoring well evaluating impacts below building structures was monitoring well OW-6. The concentration of groundwater detected in OW-6 during the September 2012 sampling event were entered into the EPA's Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 2.0, May 2012 RSLs. Evaluating these levels using the OSWER calculator indicated that the shallow groundwater levels of PCE are below the guidance levels using a 1 x 10-5 risk factor based on residential usage. Therefore, the vapor exposure pathway does not pose a significant risk to workers at the site.

5.4 Risk Reduction Standards

The subject site is an industrial property in Eton, Georgia. Sites to the north and south are also industrial and commercial properties. Properties to the east beyond the CSX rail line and properties west of Highway 411 are agricultural. The subsequent RRS criteria have been determine to be most appropriate for the VRP Property.

5.4.1 Soil Criteria

Additional soils assessment was implemented during the VIRP implementation. No residual detections of COCs in soils were identified above the laboratory detection limits and the Type 1 RRS during VIRP implementation activities. As such, soils are in compliance with Type 1 RRS.

5.4.2 Groundwater Criteria

The groundwater criteria shall be the Type 4 RRS. The concentrations for all the COCs evaluated as part of the VIRP process are shown in **Table 1**. No residual detections of COCs in groundwater were identified above the Type 4 RRS during VIRP implementation activities. As such, groundwater is in compliance with Type 4 RRS.

A summary of the most recent sampling event and groundwater detections compared to Type 4 RRS are as follows:

Regulated Constituent	CAS Number	Type 1/3 RRS Criteria (µg/l)	Type 4 RRS Criteria (µg/l)	Most Recent Detection (µg/l)*
1,1-Dichloroethane (1,1-DCA)	75-34-3	4,000	-	34 (OW-6)
1,2-Dichloroethane (1,2-DCA)	107-06-2	5	-	ND
1,1-Dichloroethene (1,1-DCE)	75-35-4	7	524	18 (OW-8D)
cis-1,2-Dichloroethene (cis-1,2-DCE)	155-59-2	70	-	ND
Tetrachloroethene (PCE)	127-18-4	5	98**	78 (OW-8D)
Trichloroethene (TCE)	79-01-6	5	-	ND
1,1,1-Trichloroethane (1,1,1-TCA)	71-55-6	200	-	ND
1,1,2-Trichlorethane (1,1,2-TCA)	79-00-5	5	-	ND
Vinyl Chloride (VC)	75-01-4	2	-	ND

Notes:

*- Based upon laboratory analytical testing data from September 2013.

*- Based upon the approved Type 4 RRS for PCE in comment #5 of EPD's April 12, 2012 VIRP Comment Letter.

ND – Not Detected.

A comparison of the most recent detections of regulated substances to respective RRS criteria indicates that groundwater is in compliance with applicable clean-up criteria. As such, no corrective action activities are planned for groundwater detections as they pose no significant risk to a human and / or environmental receptor.

6.0 CERTIFICATION STATEMENT

Compliance Status Report
Certification of Compliance
391-3-19-.06(4)(a)

I certify under penalty of law that this report and all attachments were prepared under my direction 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.

Based on my review of the findings of this report with respect to the risk reduction standards of the Rules for Hazardous Site Response, Rule 391-3-19-.07, I have determined that this site/property is in compliance with Type 1, Risk Reduction Standards for soil and Type 4 Risk Reduction Standards for groundwater.

Denise A. Wood
(Signature)

Denise A. Wood
(Typed Name)

VP Environmental Services
(Title) Mohawk Industries, Inc

7.0 ENVIRONMENTAL COVENANT

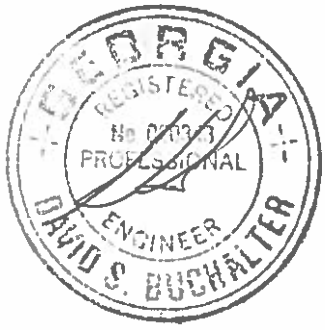
To ensure continued compliance with Type 1 RRS for soil and Type 4 RRS for groundwater and to ensure that there is no potential future risk due to consumption of groundwater, Mohawk submitted a Uniform Environmental Covenant (UEC) to the Georgia EPD October 8, 2015 for signature (**Appendix C**). Once the UEC is fully executed, it will be filed with Murray County and returned to the Georgia under separate cover. The Environmental Covenant places a restriction on the use or extraction of groundwater beneath the Property for drinking water or any other non-remedial purposes. Additionally, the Covent requires that the Property be utilized for non-residential purposes only.

8.0 PROFESSIONAL CERTIFICATION AND SUMMARY OF HOURS

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

David S. Buchalter, P.E.
Georgia Professional Engineer

A summary of Professional Engineer hours expended as part this Compliance Status Report is included in **Appendix D**.



TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA

FORMER DIAMOND RUG AND CARPET MILLS - ETON PLANT PROPERTY
4140 HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
HSI SITE NO. 10534

RPS GaiaTech Project No. 157149.400.00

Well I.D.	Date	Top of Casing Elevation (feet)	Total Well Depth (feet)	Screen Interval (feet)	Screened Interval Elevation (feet)	Depth to Groundwater (feet)	Water Level Elevation (feet)
OW-1	03/16/11	775.72	19.50	23 to 28	752.72 to 747.72	-	-
	09/07/12					19.40	756.32
	03/18/13	774.94				18.65	756.29
	09/12/13					18.76	756.18
OW-2	03/16/11	775.80	28.00	23 to 28	752.80 to 747.80	14.21	761.59
	09/07/12					18.49	757.31
	03/18/13	775.02				15.58	759.44
	09/12/13					19.31	755.71
OW-3	03/16/11	775.46	28.00	23 to 28	752.46 to 747.46	24.11	751.35
	09/07/12					Destroyed	
OW-5	03/16/11	774.56	28.00	23 to 28	751.56 to 746.56	23.21	751.35
	02/25/13					14.60	759.96
	03/18/13	773.80				16.69	757.11
	09/12/13					24.71	749.09
OW-6	03/16/11	778.63	42.90	23 to 28	730.73 to 735.73	31.99	746.64
	09/07/13					36.41	742.22
	03/18/13	779.52				29.21	750.31
OW-7	03/16/11	772.56	28.00	23 to 28	749.56 to 744.56	NS	NS
	09/07/12					19.46	753.10
	02/25/13					12.28	760.28
	03/18/13	772.56				15.61	756.95
	09/12/13					21.49	751.07
OW-8D	03/16/11	774.88	48.82	TBD	TBD to 726.06	28.60	746.28
	09/07/13					40.82	734.06
	03/18/13	774.88				29.89	744.99
	09/12/13					36.96	737.92
OW-9	03/16/11	775.90	28.00	23 to 28	752.90 to 747.90	12.86	763.04
	09/07/12					20.81	755.09
	02/25/13					15.16	760.74
	03/18/13	775.14				17.14	758.00
	09/12/13					20.74	754.40
OW-10	02/25/13	779.45	45.00	30 to 45	764.45 to 749.45	40.48	738.97
	03/18/13					37.95	741.50
	09/12/13					37.55	741.90
OW-11	02/25/13	775.34	30.00	15 to 30	760.34 to 745.34	13.75	761.59
	03/18/13					15.71	759.63
	09/12/13					20.04	755.30
OW-12	02/25/13	770.46	30.00	15 to 30	755.46 to 740.46	14.22	756.24
	03/18/13					17.91	752.55
	09/12/13					26.11	744.35
OW-13	03/18/13	773.78	30.00	15 to 30	758.78 to 743.78	22.33	751.45
	09/12/13					DRY	
MWW-1	03/16/11	773.35	35.00	20 to 35	753.35 to 738.35	20.00	753.35
	09/07/12					24.23	749.12
	02/25/13					15.41	757.94
	03/18/13	772.58				17.13	755.45
	09/12/13					23.77	748.81

NOTES:

TBD - Well construction details not available. Additional measures may be implemented to gather data gaps.

*Monitoring wells were re-surveyed on 3/18/13 to a common benchmark. Newly recorded elevations are indicated in top of casing elevation column.

NS - Not Sampled.

NA - Not Applicable.

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY

FORMER DIAMOND RUG AND CARPET MILLS – ETON PLANT PROPERTY
4140 HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
HSI SITE NO. 10534

RPS GaiaTech Project No. 157149.400.00

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-1	5/21/2002	ND	7.7	**13**	ND	**96**	ND	ND
	2/4/2003	ND	ND	ND	5.8	**66**	ND	ND
	6/25/2003	ND	6.5	ND	ND	**73**	ND	ND
	11/21/2003	ND	ND	ND	5.4	6.3	ND	ND
	3/4/2004	ND	ND	ND	14	17	ND	ND
	8/13/2004	ND	ND	ND	ND	73	ND	ND
	1/28/2005	ND	ND	ND	7.6	7.8	ND	ND
	9/7/2012	Well Damaged - Obstruction at 19.5 ft.						
OW-2	5/21/2002	ND	19	**14**	ND	**29**	ND	ND
	2/4/2003	ND	13	ND	ND	ND	ND	ND
	6/25/2003	ND	8	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	12	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	6	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-3	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	8/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	Well Destroyed						
OW-4	5/21/2002	ND	7.3	ND	ND	5.5	ND	ND
	2/4/2003	ND	5.2	ND	ND	6.7	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
OW-5	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	11	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-6	8/13/2004	ND	22	ND	ND	ND	ND	ND
	12/2/2004	ND	40	ND	ND	ND	ND	ND
	3/16/2011	ND	17	6	ND	5	ND	ND
	9/7/2012	ND	34	5	ND	6.4	ND	ND

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY

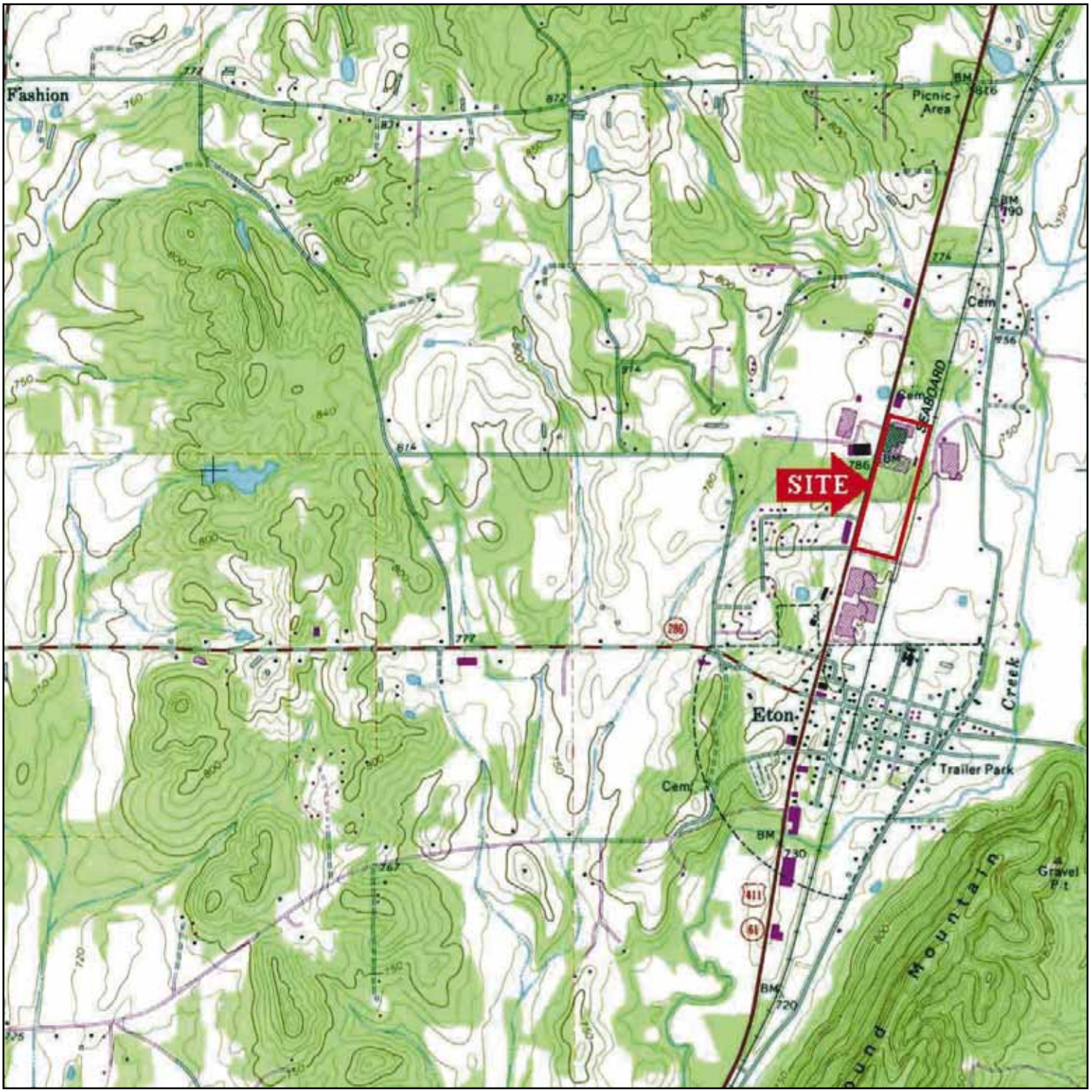
FORMER DIAMOND RUG AND CARPET MILLS – ETON PLANT PROPERTY
4140 HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
HSI SITE NO. 10534

RPS GaiaTech Project No. 157149.400.00

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-7	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-8D	5/18/2005	ND	13	**8.5**	ND	6.5	ND	ND
	3/16/2011	ND	9	**11**	ND	**31**	ND	ND
	9/7/2012	ND	8.1	8.3	ND	17	ND	ND
	9/12/2013	ND	12.0	18.0	ND	**78**	ND	ND
OW-9	5/18/2005	ND	ND	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-10	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-11	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-12	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
	3/18/2013	ND	ND	ND	ND	ND	ND	ND
OW-13	9/12/2013	Dry						
MWW-1	5/31/2002	ND	ND	ND	ND	**32**	ND	ND
	2/4/2003	ND	ND	ND	ND	ND	ND	ND
	6/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	13	ND	ND
	12/2/2004	ND	ND	ND	ND	13	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	10	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
DW-1	8/7/2014	ND	16	ND	ND	ND	ND	ND

NOTES:
ND - Not detected above laboratory detection limits.

FIGURES



Scale 1: 24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

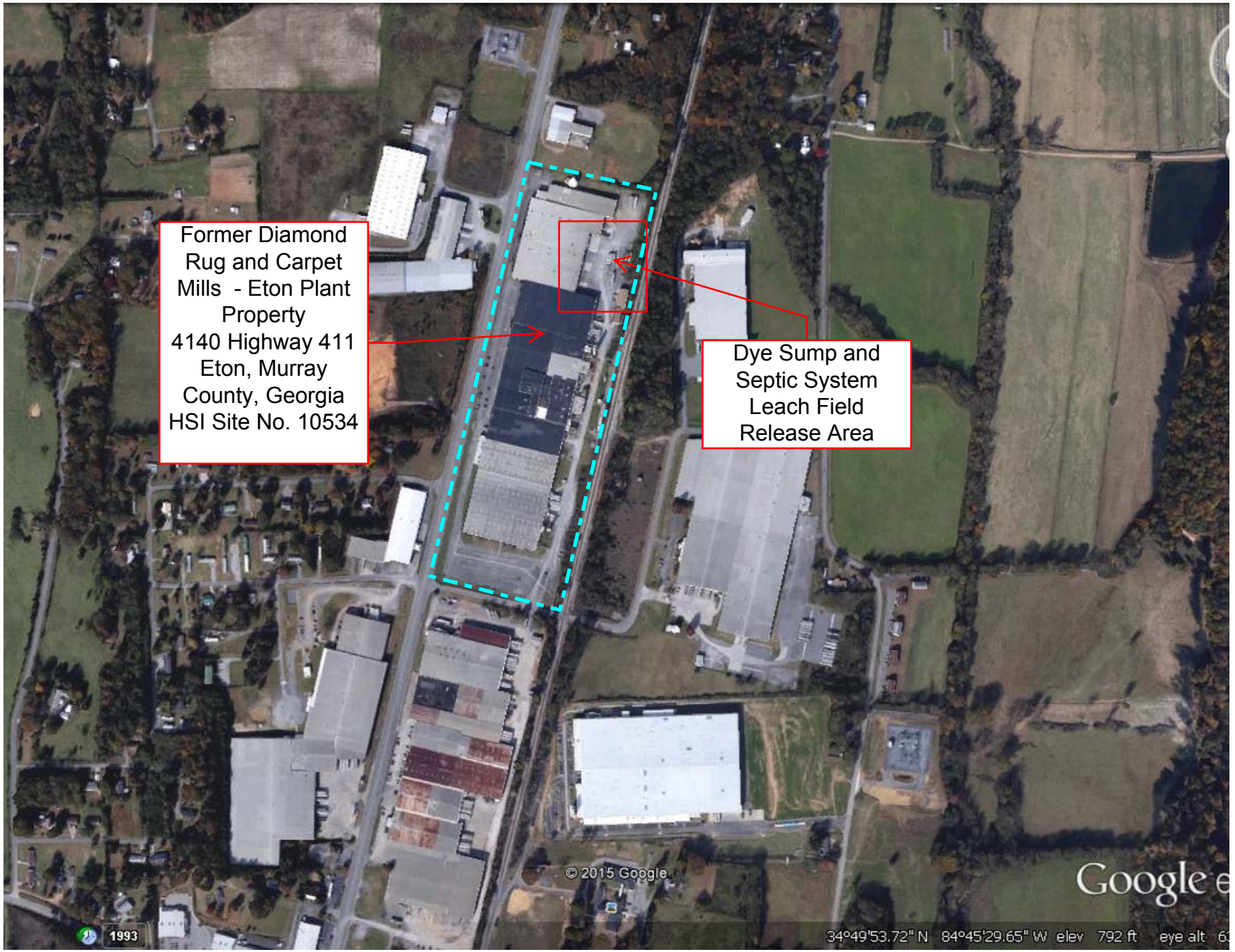
Quadrangle Location

UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
CHATWORTH QUADRANGLE
GEORGIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
1972
PHOTOREVISED 1985

Mohawk Industries, Inc.
Eton, Georgia
Project No. 046038-3//-//

FIGURE 1
SITE LOCATION AND TOPOGRAPHIC MAP

RPS GaiaTech



LEGEND

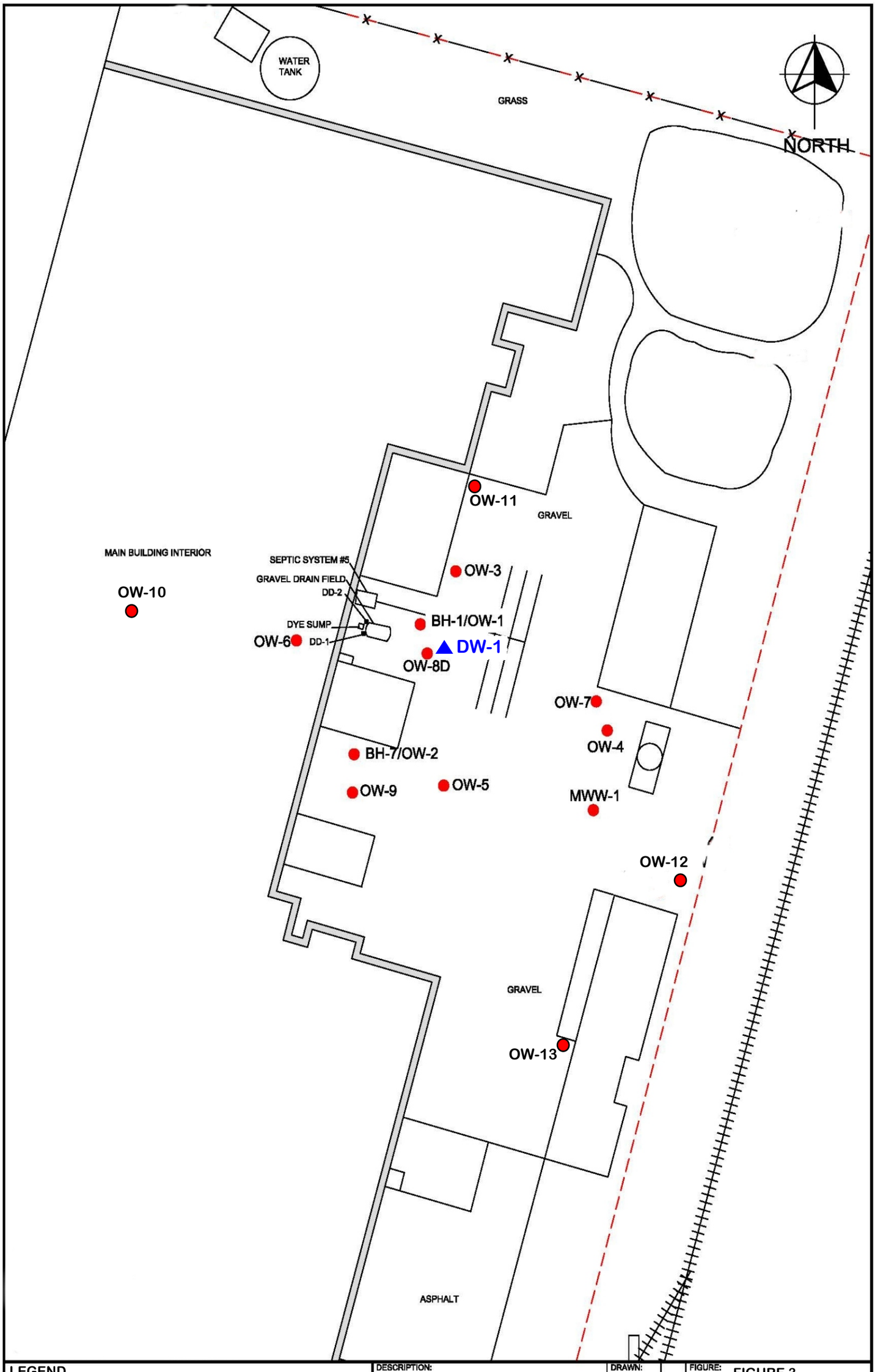
APPROXIMATE PROPERTY BOUNDARY

DESCRIPTION:
V & M PLATING COMPANY
14024 SOUTH AVALON BLVD
LOS ANGELES, CALIFORNIA

DRAWN: **MHW**
SCALE: **NTS**
DATE: **05/20/2015**
FILE:

FIGURE: **FIGURE 2**
SITE LAYOUT AND AREA MAP

RPS GaiaTech



LEGEND

- ● - SHALLOW GROUNDWATER MONITORING WELL
- ▲ - DEEP GROUNDWATER MONITORING WELL

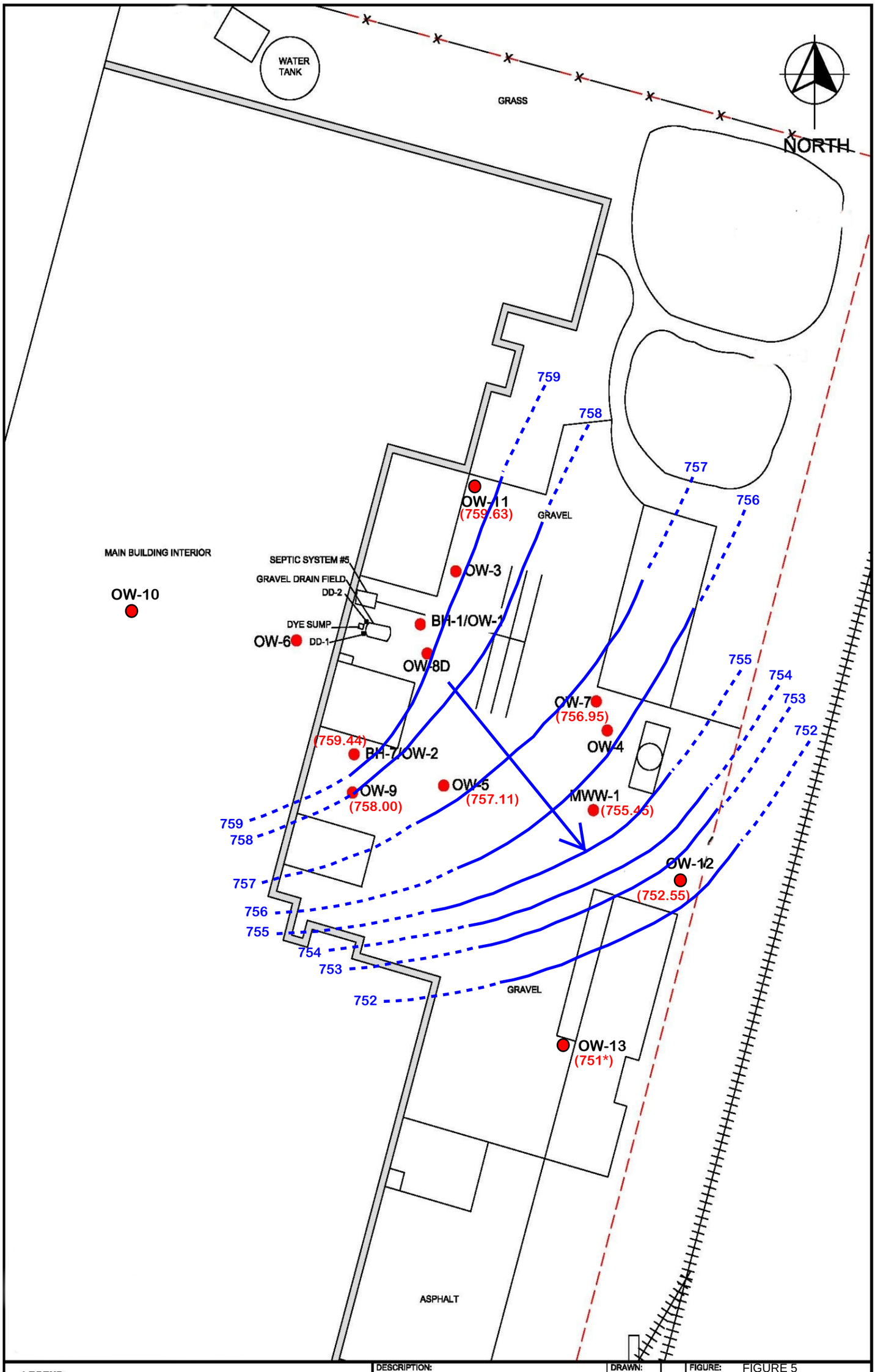
DESCRIPTION:

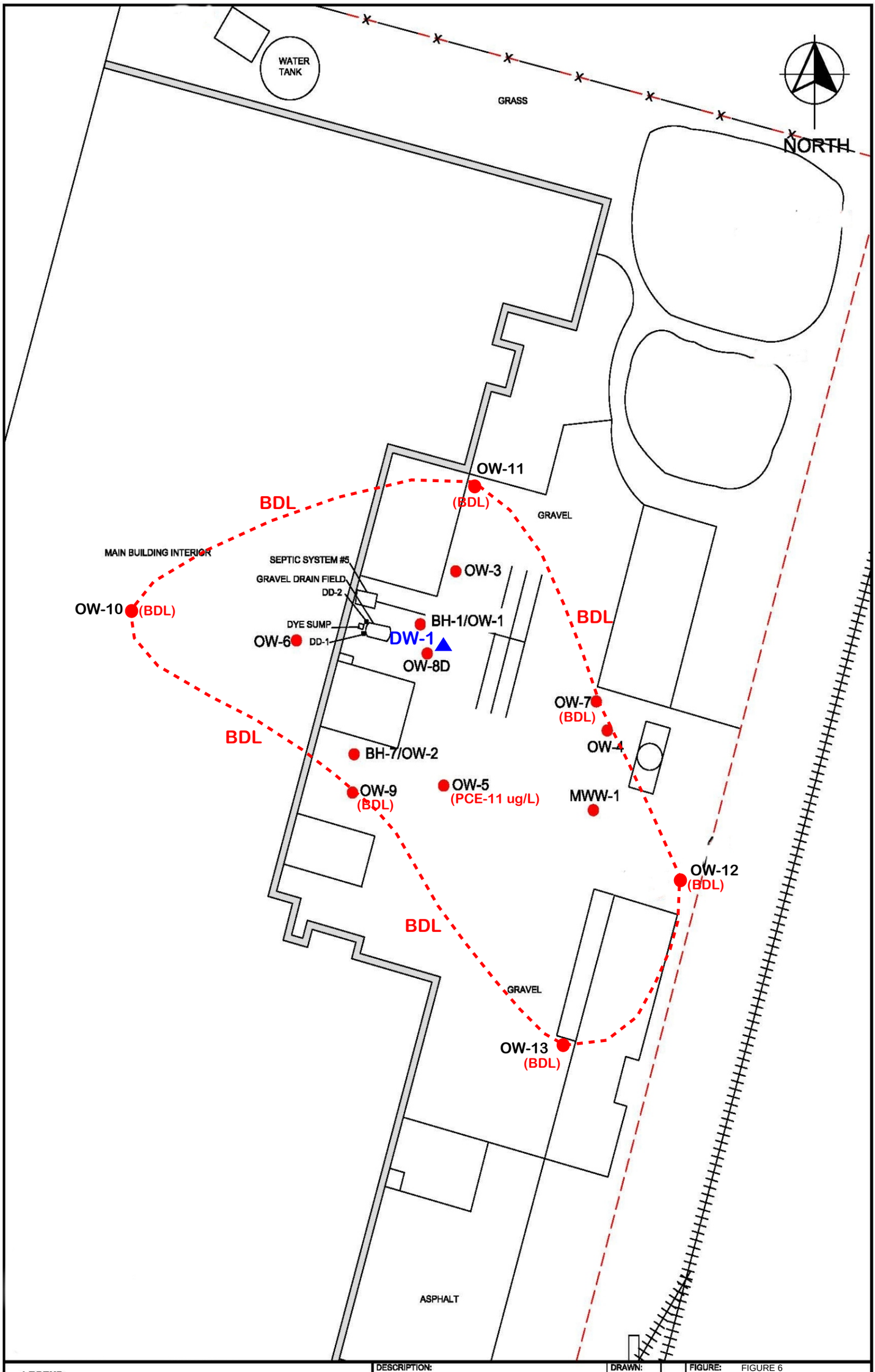
MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW
SCALE: 1"=50' (APPROX)
DATE: 8/7/14
FILE:

FIGURE: **FIGURE 3**
SITE LAYOUT MAP

RPS GaiaTech


WATER TANK
GRASS
NORTH
759
758
757
756
OW-11
(759.63)
GRAVEL
MAIN BUILDING INTERIOR
SEPTIC SYSTEM #5
GRAVEL DRAIN FIELD
DD-2
OW-3
OW-10
DYE SUMP
BH-1/OW-1
OW-6
DD-1
OW-8D
755
754
753
752
OW-7
(756.95)
OW-4
(759.44)
BH-7/OW-2
OW-9
(758.00)
OW-5
(757.11)
MWW-1
(755.45)
OW-12
(752.55)
GRAVEL
OW-13
(751*)
ASPHALT
LEGEND
GROUNDWATER MONITORING WELL
754 GROUNDWATER ELEVATION CONTOUR
GROUNDWATER FLOW DIRECTION
* ELEVATIONOF OW-13 PROJECTED FROM ADJACENT CONTOURS.
DESCRIPTION:
MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA
DRAWN:
SCALE: 1"=50' (APPROX)
DATE:
FILE:
FIGURE: FIGURE 5
POTENTIOMETRIC SURFACE MAP (MARCH 2013)
RPS GaiaTech



LEGEND

▲ / ● GROUNDWATER MONITORING WELL

(BDL) GROUNDWATER VOC CONCENTRATION - ug/L

PCE TETRACHLRORETHENE

DESCRIPTION:

ORGANIC CONSTITUENTS IN GROUNDWATER
MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW

SCALE: 1"=50' (APPROX)

DATE: 3/18/13

FILE:

FIGURE: FIGURE 6
EXTENT OF GROUNDWATER IMPACTS

RPS GaiaTech

APPENDIX A

MURRAY COUNTY TAX MAP AND WARRANTY DEED INFORMATION

RETURN TO:
Alston & Bird
Attn: Leon Adams, Jr.
One Atlantic Center
1201 West Peachtree Street
Atlanta, Georgia 30309-3424

MURRAY COUNTY GEORGIA
Real Estate Transfer Tax
Paid $ 9,515.00
Date July 24,1997
Lorene Matthews
Clerk Superior Court

ADMINISTRATORS, C.T.A.

DEED UNDER POWER

MURRAY COUNTY, GEORGIA
Filed 1:30 P M July 24,1997
Recorded July 24,1997
Deed Book 281 Page 200
Lorene Matthews
Clerk Superior Court

STATE OF GEORGIA

COUNTY OF FULTON

THIS INDENTURE is made as of July 21, 1997, between **Linda S. Weaver and Bradley L. Grow, as Co-Administrators, C.T.A. of the Estate of Edward L. Weaver, Deceased** (herein called "Grantor") and **Aladdin Manufacturing Corporation, a Delaware corporation** (herein called "Grantee").

WITNESSETH: That Grantor, (acting under and by virtue of the power and authority contained in Item XIX of the Last Will and Testament of Edward L. Weaver, the same having been duly probated and recorded in the Court of Probate of Murray County, Georgia) for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt and sufficiency of which are hereby acknowledged, has granted, bargained, sold, aliened, conveyed, quitclaimed and confirmed and by these presents does grant, bargain, sell, alien, convey, quitclaim and confirm unto Grantee all of Grantor's title and interest in those tracts or parcels of land lying and being in Murray County, Georgia, as described on Exhibit A, attached hereto and made a part hereof.

TO HAVE AND TO HOLD the said bargained premises, together with all and singular the rights, members and appurtenances thereof, to the same being, belonging or in any wise appertaining, to the only proper use, benefit and behoof of Grantee, forever, **IN FEE SIMPLE:** in as full and ample a manner as the same was held, possessed and enjoyed, or might have been held, possessed and enjoyed, by the said deceased.

Grantor has not previously sold nor conveyed any interest in said property, nor assented to any devise under said Will. The property remains in the hands of Grantor, as Co-Administrators, C.T.A., for disposition pursuant to the power of sale contained in Item XIX of said Will.

Grantor hereby reserves the right to enter upon the premises, for a period of sixty (60) days from the date hereof, for the purpose of removing the improvements constituting the car workshop building and related office building located thereon, any furniture, equipment or other personal property located therein and any other personal property located thereon that is owned by Grantor and which is not being sold to Grantee

pursuant to the Asset Purchase Agreement dated as of January 27, 1997, as amended, among Grantor, Grantee and other parties thereto. Said entry and removal of improvements and personalty shall be at the risk of Grantor, and Grantor hereby agrees to indemnify, defend and hold Grantee harmless from and against any and all claims, suits, causes of action, loss, damage, cost and expense (including attorneys' fees and expenses) which Grantee may suffer as a result of, or in connection with, said entry and removal. Promptly after the removal of said improvements and personalty, Grantor shall restore or cause to be restored any portions of the other buildings or improvements on the property that may have been damaged or disturbed as a result of such entry and removal to the condition that existed immediately prior thereto.

(The words "Grantor" and "Grantee" include all genders, plural and singular, and their respective heirs, successors and assigns where the context requires or permits.)

IN WITNESS WHEREOF, Grantor has signed and sealed this deed, the day and year first above written.

Signed, sealed and delivered
in the presence of:

Unofficial Witness

Notary Public

(NOTARY SEAL)

My Commission Expires:

JAN R. EZELL NOTARY PUBLIC FULTON COUNTY GEORGIA
Notary Public, Fulton County, Georgia
My Commission Expires August 9, 1997

Linda S. Weaver (SEAL)
Linda S. Weaver, as Co-Administratrix, C.T.A., of the Estate of Edward L. Weaver, Deceased

Bradley L. Grow (SEAL)
Bradley L. Grow, as Co-Administrator, C.T.A., of the Estate of Edward L. Weaver, Deceased

EXHIBIT A

Eton Manufacturing Plant (Deed Legals)

Parcel 1:

A portion of Land Lot No. 58 in the 9th District and 3rd Section of Murray County, Georgia, containing 13.8 acres, more or less, and being more particularly described as follows, to-wit:

BEGINNING at the point of intersection of the north original line and the east side of U.S. Highway 411; thence running East on the north original line of said land lot, a distance of 792 feet, more or less, to the northeast original corner of said Lot No. 58; thence south on east original line of said land lot a distance of 660 feet, more or less, to land of Carlton Petty; thence west with north lines of lands of Carlton Petty, Edward Weaver and Garlan L. Millsaps, a distance of 956 feet, more or less, to the east side of U.S. Highway 411; and thence in a northeastwardly direction with last right-of-way line of U.S. Highway 411, a distance of 666 feet, more or less to the point of BEGINNING.

Said tract being a part and parcel of the 40 acre tract formerly belonging to Dr. James F. Harris and as is shown in Deed Book 3, page 409, of the public records in the Office of the Clerk of the Superior Court of Murray County, Georgia.

Parcel 2:

All that tract of land containing 6.978 acres lying in Land Lot 51 of the 9th District and 3rd Section of Murray County, Georgia, according to a survey by E. Martin Smith, Registered Land Surveyor, dated August 31, 1976, revised December 21, 1975, recorded in the Superior Court Clerk's Office in Plat Book 8, page 160, Murray County, Georgia, Records, being more particularly described as follows:

BEGINNING at the point where the original line that divides Land Lots 51 and 58 intersects the East right-of-way of U.S. Highway 411; run thence North 15 degrees 03 minutes 10 seconds East, along the East right-of-way of said Highway, a distance of 600.00 feet to an iron pin located at the Southwest corner of G&F Carpet Mill; thence South 74 degrees 03 minutes 32 seconds East, along the South line of G&F Carpet, a distance of 589.39 feet to a fence post located on the West right-of-way of L&N Railroad; thence South 16 degrees 10 minutes 54 seconds West, a distance of 432.50 feet to the South line of Land Lot 51 (said point being 182.2 feet west of the Southeast corner of said Land Lot; thence West, along the South line of said Land Lot and along the North line of other property of Edward L. Weaver, to its intersection with the East right-of-way of U.S. Highway 411 and the point of beginning.

Parcel 3:

All that tract of land lying in Land Lot 58 of the 9th District, 3rd Section of Murray County, Georgia, being shown as Garlan L. Millsaps property, according to a plat of survey by E. Martin Smith, Registered Land Surveyor, dated August 31, 1976, recorded in the Superior Court Clerk's Office, in Plat Book 8, page 117, Murray County Records, and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING commence at an iron pin located on the West right-of-way of L. & N. Railroad at a point 714.06 feet South of the intersection of said right-of-way and the North line of Land Lot 58; thence North 87 degrees 30 minutes West, along the South line of property owned by Edward L. Weaver, 234.00 feet to an iron pin at the Northeast corner of subject property and THE TRUE POINT OF BEGINNING; run thence South 16 degrees 05 minutes West, along other lands of Edward L. Weaver, 418.0 feet to an iron pin; thence North 87 degrees 30 minutes West, 369.39 feet to an iron pin located on the East right-of-way of U.S. Highway 411 (said right-of-way being 80 feet at this point); thence North 16 degrees 03 minutes 10 seconds East, along said East right-of-way, 418.00 feet to the South line of Edward L. Weaver property; thence South 87 degrees 30 minutes East, along said South line of Weaver, 369.62 feet to an iron pin and the point of beginning.

Parcel 4:

All that tract of land containing 11.782 acres lying in Land Lot 58 of the 9th District, 3rd Section of Murray County, Georgia, according to a plat of survey by E.M. Smith, Registered Land Surveyor, dated August 31, 1976, recorded in the Superior Court Clerk's Office in Plat Book 8, page 117, Murray County Records, being more particularly described as follows:

BEGINNING at an iron pin located on the west right-of-way of L. & N. Railroad 714.06 feet South from the intersection of said right-of-way and the North line of Land Lot 58, (Said point also being the Southeast corner of other lands of Edward L. Weaver); thence continuing along the same bearing of South 16 degrees 10 minutes 54 seconds West, with the railroad right-of-way, 1133.56 feet along a fence line to an iron pin located at the Northeast corner of D & W Carpet Co., Inc.; thence North 87 degrees 30 minutes West along the north line of D & W Carpet Co., Inc., 601.00 feet to an iron pin situated on the East right-of-way of Highway 411, (said right-of-way being 80 feet at this point); thence North 16 degrees 03 minutes 10 seconds East, along the East right-of-way of Highway 411, 715.00 feet to an iron pin at Garlan L. Millsaps Southwest corner (Highway 411 having an 80 foot right-of-way at this point); thence South 87 degrees 30 minutes East, along South line of Millsaps property, 369.39 feet to an iron pin at the Southeast corner of Millsaps property; thence North 16 degrees 05 minutes East along the East line of Millsaps 418.0 feet to his Northeast corner marked by an iron pin, (said pin also being located on the South line of other property of Edward L. Weaver); thence South 37

degrees 30 minutes East, along the South line of Weaver, 234.00 feet to an iron pin situated on the West right-of-way of L. & N. Railroad and the point of beginning.

LESS AND EXCEPT, HOWEVER, the following parcel:

A tract or parcel of land lying and being in Land Lot 58 of the 9th District and 3rd Section of Murray County, Georgia, containing 2.64 acres, being more particularly described as follows:

BEGINNING on the East right-of-way line of the Louisville & Nashville Railroad Co. property at its intersection with the North line of Land Lot 58, said District and Section; running thence North 89 degrees 35 minutes East 86.74 feet to a point; running thence South 00 degrees 24 minutes East 660 feet to a point; running thence South 89 degrees 35 minutes West 261.15 feet to the East line of the Louisville & Nashville Railroad Company property; running thence North 14 degrees 24 minutes East 682.72 feet along the East right-of-way line of the Louisville & Nashville Railroad Co. property to the point of beginning.

ALSO, LESS AND EXCEPT the following parcel:

All that tract of land, containing 4.086 acres lying in Land Lot 58 of the 9th District, 3rd Section of Murray County, Georgia, according to a survey by E.M. Smith, Registered Land Surveyor, dated May 24, 1977, and recorded in the Superior Court Clerk's Office in Plat Book 8, page 256, Murray County Georgia Records, and being more particularly described as follows:

BEGINNING at an iron pin located on the West right-of-way of L. & N. Railroad, 1613.46 feet Southwest of the intersection of said right-of-way with the North original line of Land Lot 58, when measured along said right-of-way (said point also being the Southeast corner of other property of Edward L. Weaver); thence continue along said L. & N. right-of-way, South 16 degrees 10 minutes 54 seconds West, a distance of 234.16 feet to an iron pin located at the Northeast corner of other property of D & W Carpet and Rug Co., Inc.; thence North 87 degrees 30 minutes West, along the North line of said D & W Carpet, a distance of 601.00 feet to an iron pin located on the East right-of-way of U.S. Highway 411; thence North 16 degrees 03 minutes 10 seconds East, along the East right-of-way of said Highway, a distance of 375.00 feet to an iron pin located at the Southwest corner of other property of Edward L. Weaver; thence South 73 degrees 56 minutes 50 seconds East, along the South line of Weaver, a distance of 584.79 feet to an iron pin located on the West right-of-way of L. & N. Railroad and the point of beginning.

ALSO, LESS AND EXCEPT the following parcel:

A tract or parcel of land lying and being in Land Lot 58 of the 9th District and 3rd Section of Murray County, Georgia, being a sixty (60) foot strip of land to be used for public right-of-way purposes, and being more particularly described as follows:

BEGINNING on the West right-of-way line of the L & N Railroad at an iron pin located South 16 degrees 10 minutes 54 seconds West 1613.46 feet as measured along the West right-of-way line of the L& N Railroad, from the intersection of the West right-of-way line of the L & N Railroad and the North line of Land Lot 58 (said beginning point being a corner common between the lands of EDWARD WEAVER and D & W CARPET AND RUG CO., INC.); running thence North 73 degrees 56 minutes 50 seconds West 584.79 feet along the North line of D & W CARPET AND RUG CO., INC. and the South line of the present property of EDWARD WEAVER to an iron stake located on the East right-of-way line of U.S. Highway No. 411; running thence North 16 degrees 03 minutes 10 seconds East along the East line of U.S. Highway No. 411 to a point; running thence South 73 degrees 56 minutes 50 seconds East 584.79 feet, more or less, to the West right-of-way line of the L & N Railroad; running thence South 60 feet along the West line of the L & N Railroad right-of-way to the point of beginning.

EXHIBIT A

Eton Manufacturing Plant (Survey Legal)

ALL THAT TRACT AND PARCEL OF LAND lying and being in Land Lots 51 and 58 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

BEGINNING at the intersection of the northern right-of-way line of Eton Industrial Drive (having a right-of-way 80 feet in width) with the eastern right-of-way of U.S. Highway No. 411 (being 55 feet from centerline at this point); run thence along said eastern right-of-way line of U.S. Highway No. 411 North 16 degrees 03 minutes 10 seconds East 744.21 feet to a right-of-way marker; thence along an off-set in said right-of-way line North 74 degrees 30 minutes 59 seconds West 15.00 feet to a right-of-way marker (said right-of-way being 40 feet from centerline at this point); thence North 16 degrees 03 minutes 10 seconds East 1,229.31 feet to an iron pin placed; thence leaving said right-of-way line of U.S. Highway No. 411 and running South 74 degrees 03 minutes 32 seconds East 589.39 feet to an iron pin placed on the western right-of-way line of railroad, formerly known as L & N Railroad (said right-of-way being 100 feet wide); thence along said railroad right-of-way line South 16 degrees 10 minutes 54 seconds West 1,974.31 feet to a point on the northern right-of-way line of Eton Industrial Drive; thence along said northern right-of-way line of Eton Industrial Drive North 73 degrees 58 minutes 09 seconds West 569.95 feet to the POINT OF BEGINNING; all as shown on plat of survey prepared for Mohawk Industries, Inc. by Bakkum-DeLoach & Assoc. (bearing the certification of N.B. DeLoach, Georgia RLS No. 1347), dated February 19, 1997, which survey is incorporated herein for purposes of this description.

Chatsworth Distribution Plant and Option Property (Combined Survey Legal)

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 156 and 157 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING first commence at the corner common to Land Lots 132, 133, 156 and 157, said District, Section and County; thence run South 65 degrees 52 minutes 04 seconds East 344.48 feet to the TRUE POINT OF BEGINNING; from said True Point of Beginning run thence South 81 degrees 13 minutes 36 seconds East 846.85 feet to a fence post iron at fence corner; thence South 0 degrees 27 minutes 0 seconds East 263.55 feet to a point in the center line of a 60 foot road easement (private easement established per Deed Book 123, Page 132); thence along said center line South 89 degrees 20 minutes 42 seconds East 763.34 feet to a rebar found on the northwestern right-of-way line of Duvall Road (having a right-of-way 80 feet in width); thence along said right-of-way line of Duvall Road the following courses and distances: South 25

AFFIDAVIT OF TITLE

STATE OF GEORGIA

COUNTY OF FULTON

The undersigned deponents (the "Deponents") having personally appeared before the undersigned notary public and first having been duly sworn according to law, depose and say under oath as follows:

1. Deponents are the duly qualified and acting Co-Administrators, C.T.A. of the **Estate of Edward L. Weaver** (the "Estate"), who at the time of his death was the owner of certain real estate, a description of which is set forth on Exhibit A attached hereto and made a part hereof, together with all fixtures, improvements, easements and appurtenances related thereto (collectively, the "Property").

2. Deponents, as Co-Administrators, C.T.A. have not previously sold or conveyed any interest in the Property, nor assented to any devise under the Last Will and Testament of said Edward L. Weaver. The Property remains in the hands of Deponents, as Administrators, C.T.A. for disposition pursuant to the power of sale contained in Item XIX of said Will.

3. The full amount of federal estate taxes assessed against the Estate has been paid.

4. There are no leases or tenancies affecting the Property other than those in favor of Diamond Rug & Carpet Mills, Inc. ("Diamond"), and such leases have been rejected in Diamond's bankruptcy case in connection with the purchase of the property by Aladdin Manufacturing Corporation ("Purchaser"). Deponents know of no one claiming any adverse interest in the Property whatsoever. To the actual knowledge of Deponents without inquiry, the title to the Property has never been disputed, questioned or rejected and title insurance thereon has never been refused.

5. To the actual knowledge of Deponents without inquiry, except as set forth on Exhibit B, there are no suits, judgments, bankruptcies or executions pending against the Estate in any court whatsoever contesting the Estate's title to the Property, claiming an interest therein or constituting a lien thereon, nor are there any loan deeds, security deeds, trust deeds, mortgages or liens of any nature whatsoever unsatisfied against the Property (other than delinquent real estate taxes which are being paid in full, together with any penalties and interest thereon, in connection with the sale of the Property by the Estate to Purchaser). To the actual knowledge of Deponents without inquiry, there are no easements, licenses, agreements or other encumbrances affecting the title to the Property, except as set forth on Exhibit B attached hereto and made a part hereof.

6. Deponents have not caused any improvements or repairs to be made to the Property during the one hundred (100) days immediately preceding the date hereof with respect to which there are outstanding and unpaid bills for labor, services and materials used in making improvements or repairs on the Property or for services of architects, surveyors or engineers.

7. To the actual knowledge of Deponents without inquiry, there are no liens for past due taxes or assessments of any nature, for any paving, sidewalk, curbing, sewer or any other street improvements of any kind against the Property or Deponents except for those items being paid in full in connection with the closing of the sale of the Property to Purchaser and those items set forth on Exhibit B hereof.

8. Deponents have no actual knowledge of any disputes concerning the location of the lines and corners of the Property.

9. Except for Rodman & Renshaw, Inc., no broker's services have been engaged by Deponents with regard to the management, sale, purchase, lease, option or other conveyance of any interest in the Property. Except for Rodman & Renshaw, Inc., no commission, fee, payment or other compensation is owed by Deponents to any "broker" (as defined in O.C.G.A. § 43-40-1) for any services in connection with the Property, and no notice of lien for any such services has been received by Deponents.

10. This affidavit is made to induce Purchaser to purchase the Property for the purchase price of $9,575,000.00, to induce Commonwealth Land Title Insurance Company to issue its policies or title insurance insuring Purchaser in the amount of said purchase price; and to induce the attorney certifying title so to certify.

11. Under penalty of perjury, we declare that we have examined the foregoing Affidavit and hereby certify that it is true, correct and complete.

Sworn to and subscribed before
me this July 22, 1997

Jan R. Ezell
Notary Public

(NOTARY SEAL)

My Commission Expires:

Notary Public, Fulton County, Georgia
My Commission Expires August 9, 1997

Linda S. Weaver
Linda S. Weaver, as Co-Administratrix, C.T.A. of the Estate of Edward L. Weaver, Deceased

Bradley L. Grow
Bradley L. Grow, as Co-Administrator, C.T.A. of the Estate of Edward L. Weaver, Deceased

MURRAY COUNTY, GEORGIA
Filed 4:20 P.M. July 9, 2004
Recorded July 09, 2004
Deed Book 5220 Page 115
Lavina Matthews
Clerk Superior Court

After recording please return to:
Salvatore J. Perillo, Esq.
Aladdin Manufacturing Corporation
160 S. Industrial Boulevard
Calhoun, GA 30701

Cross Reference:

Deed Book 272, Page 465
Murray County, Georgia, Records

QUITCLAIM DEED

THIS INDENTURE made and entered into as of the 8th day of August, 2004, by and between **MOHAWK CARPET CORPORATION**, a Delaware corporation (successor by merger to **WORLD CARPETS, INC.**) (hereinafter referred to as "Grantor") and **ALADDIN MANUFACTURING CORPORATION.**, a Delaware corporation (hereinafter referred to as "Grantee") (the words "Grantor" and "Grantee" shall include their respective heirs, legal representatives, successors and assigns where the context requires or permits).

W I T N E S S E T H THAT:

GRANTOR, for and in consideration of the sum of One and No/100ths Dollars ($1.00) and other good and valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt and sufficiency whereof are hereby acknowledged, have remised, conveyed and quitclaimed, and by these presents do hereby remise, convey and forever QUITCLAIM unto the said Grantee all of their right, title and interest in and to the property described in Exhibit A, attached hereto and by reference made a part hereof (hereinafter referred to as the "Property") and being the property conveyed to World Carpets, Inc. by deed dated as of February 7, 1997, and recorded in Deed Book 272, Page 465, aforesaid records.

TO HAVE AND TO HOLD the said described Property to the said Grantee, so that neither the said Grantor nor any person or persons claiming under the said Grantor shall at any time, by any means or ways, have, claim or demand any right or title to the said described Property or appurtenances, or any rights thereof.

The certificate evidencing the merger of World Carpets, Inc. into Mohawk Carpet Corporation is attached hereto.

IN WITNESS WHEREOF, Grantor has executed and sealed this Quitclaim Deed on the day and year first above written.

GRANTOR:

Signed, sealed and delivered in the presence of:

MOHAWK CARPET CORPORATION, a Delaware corporation, Successor by merger to **WORLD CARPETS, INC.**

Elaine Busbee
Unofficial Witness

Notary Public

My Commission Expires:

Notary Public, Murray County, Georgia
My Commission Expires Jan. 14, 2008

[NOTARIAL SEAL]

Salvatore J. Perillo, Esq.,
Vice President and General Counsel

(CORPORATE SEAL)

EXHIBIT "A"

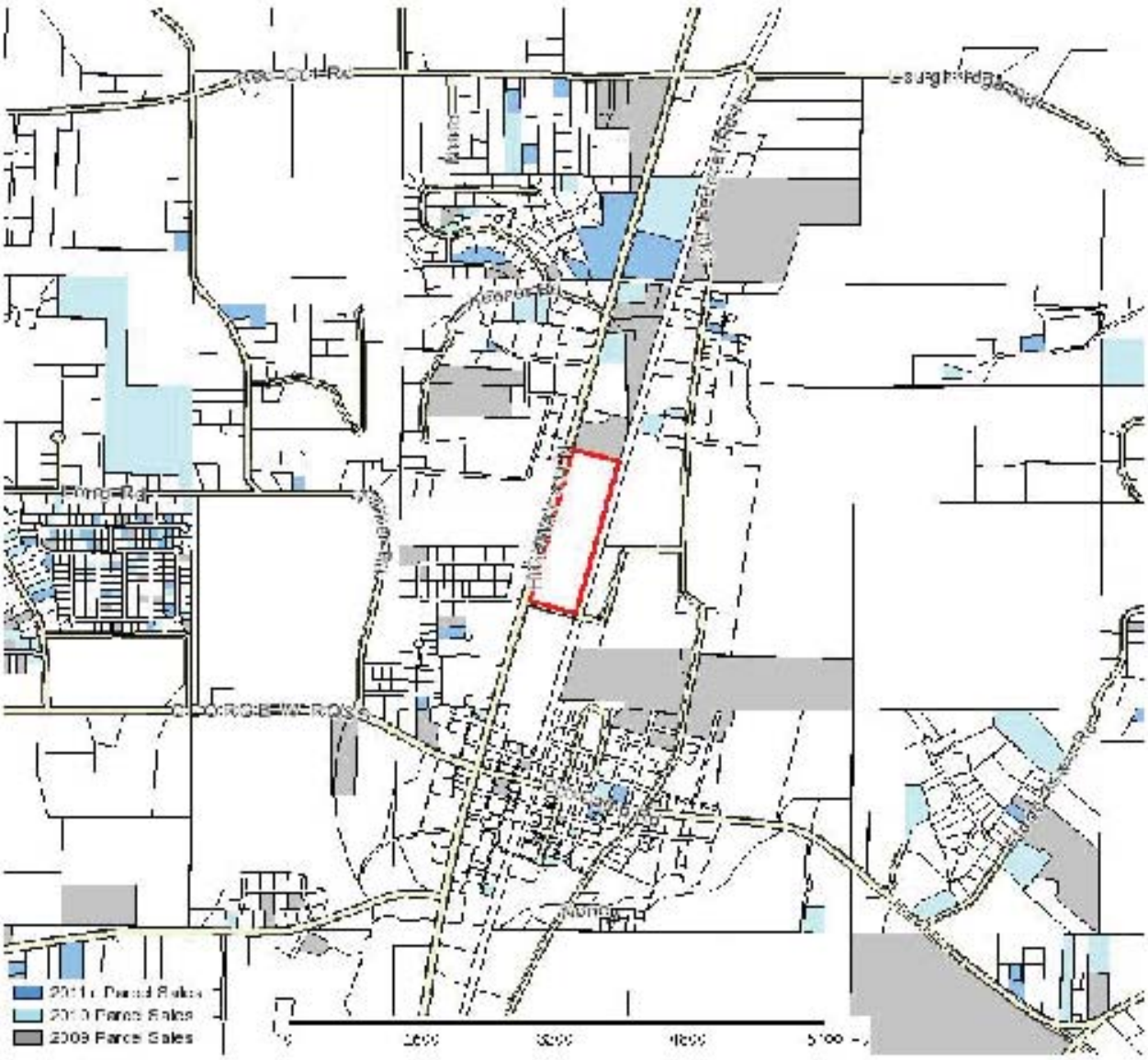
SUNRISE MANUFACTURING PLANT, HIGHWAY 411:

All that tract or parcel of land, lying and being in Land Lot 94 of the 9th District and 3rd Section of Murray County, Georgia and being more particularly described as follows:

Beginning at a point located on the southerly line of Land Lot 94 where said line intersects with the easterly right of way line of U.S. Highway 411 (variable right of way); thence proceed along the easterly right of way line of U.S. Highway 411 along the arc of the curve a distance of 187.71 feet, (said curve having a radius of 2723.21 feet, and being subtended by a chord with a bearing of North 11 degrees 21 minutes 47 seconds east and a distance of 187.67 feet); thence continuing along the easterly right of way line of U.S. Highway 411 the following courses and distances: North 09 degrees 22 minutes 56 seconds east a distance of 65.70 feet; North 15 degrees 05 minutes 33 seconds east a distance of 100.50 feet; North 00 degrees 51 minutes 04 seconds east a distance of 101.18 feet; North 09 degrees 22 minutes 55 seconds east a distance of 50.00 feet; North 80 degrees 37 minutes 05 seconds west a distance of 5.00 feet; North 09 degrees 22 minutes 55 seconds east a distance of 201.00 feet; North 80 degrees 38 minutes 36 seconds west a distance of 5.00 feet; North 09 degrees 22 minutes 55 seconds east a distance of 199.00 feet; North 80 degrees 32 minutes 49 seconds west a distance of 5.00 feet; and North 09 degrees 22 minutes 55 seconds east a distance of 559.52 feet. Thence leaving said right of way, South 77 degrees 04 minutes 17 seconds east a distance of 325.23 feet to the westerly right of way of the L & N Railroad (80 foot right of way). Thence along said L & N right of way, the following courses and distances: South 15 degrees 46 minutes 11 seconds west a distance of 424.36 feet; South 17 degrees 16 minutes 04 seconds west a distance of 157.39 feet; South 19 degrees 01 minutes 17 seconds west a distance of 153.72 feet; South 20 degrees 22 minutes 48 seconds west a distance of 94.77 feet; South 21 degrees 18 minutes 07 seconds west a distance of 87.04 feet; South 22 degrees 10 minutes 09 seconds west a distance of 87.34 feet; South 23 degrees 01 minutes 53 seconds west a distance of 88.18 feet; South 24 degrees 06 minutes 47 seconds west a distance of 93.46 feet; and South 26 degrees 11 minutes 06 seconds west a distance of 280.18 feet to the southerly line of Land Lot 94. Thence along the southerly line of Land Lot 94 South 89 degrees 59 minutes 39 seconds west a distance of 36.06 feet to the beginning point.

Said tract or parcel of land containing 6.889 acres as reflected on that Plat of Survey for Sunrise Carpet Industries, Inc. prepared by Mark G. Lee, G.R.L.S. No. 2522, and dated March 19, 1996

APPENDIX C – TAX PLAT



4140 N HWY 411			
Parcel: 0064A 080 Acres: 26.4			
Name:	ALADDIN MANUFACTURING CO	Land Value	$742,500.00
Site:	4140 U S HWY 411	Building Value	$3,504,800.00
Sale:	$0 on 07-1997 Reason=QC Qual=U	Misc Value	$163,400.00
Mail:	C/O ERNST & YOUNG LLP P O BOX 52307 ATLANTA, GA 303550307	Total Value:	$4,410,700.00

Date printed: 10/27/11 : 15:28:55

NOTE: DRAWING TAKEN FROM BOARD OF TAX ASSESSORS WEBSITE
MURRAY COUNTY, GEORGIA

DESCRIPTION:
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
TAX PLAT

DRAWN: CRH
SCALE: NTS
DATE: 12/13/11
FILE: B2618-530-0

GaiaTech

APPENDIX B

PREVIOUS SITE CHARACTERIZATION AND REMEDIAL ACTIVITIES

PHASE I AND PHASE II
ENVIRONMENTAL ASSESSMENT

DIAMOND RUG & CARPET MILLS, INC.
ETON PLANT
ETON, GEORGIA

MAY 23, 1997

PREPARED FOR:

MOHAWK INDUSTRIES, INC.
160 SOUTH INDUSTRIAL BOULEVARD
CALHOUN, GEORGIA 30703

PREPARED BY:

ATLANTA ENVIRONMENTAL MANAGEMENT, INC.
2580 NORTHEAST EXPRESSWAY
ATLANTA, GEORGIA 30345

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LIST OF ATTACHMENTS

SECTION 1.0

EXECUTIVE SUMMARY

Atlanta Environmental Management, Inc. (AEM) is pleased to present this Phase I and Phase II Environmental Assessment report for the Eton plant owned by Diamond Rug & Carpet Mills, Inc. (Diamond), in Eton, Murray County, Georgia. This Environmental Assessment was performed on behalf of Mohawk Industries, Inc. (Mohawk). The Assessment was conducted in accordance with ASTM Standard E 1527-94 for performing a Phase I Environmental Site Assessment.

The primary objective of this Assessment was to identify possible environmental impacts to the subject site from on- and off-site property uses. AEM conducted soil and groundwater sampling and analysis, where appropriate, to identify potential contamination of particular target areas. Each target area was identified as a potential threat of pollutant release to the soil and/or groundwater of the site.

The property evaluated in the course of this assessment is a rectangular lot of 26.35 acres. The primary feature of the site is the Diamond Plant. The plant was constructed in 1969 and has been expanded several times since its construction. Current activities at the facility include yarn extrusion, warping, beaming, tufting, material storage, product storage, and shipping. Former processes conducted at the facility included foam coating and jute coating.

As detailed in this report, several on-site issues of potential environmental concern were identified in the course of this investigation and resolved through soil and/or groundwater sampling:

Septic Systems - The facility maintains 13 septic systems for the discharge of process and sanitary wastewater. No wastewater is discharged to the municipal sewer. Based on historical and current facility practices and the site layout, five septic systems were determined to present a potential

environmental concern. Groundwater sampling in the drain fields of these systems did not identify any evidence of a regulated release in three of the systems. No detectable concentrations of Volatile Organic Compounds (VOCs), Semi-VOCs (SVOCs), or RCRA metals were identified at these septic systems.

The two other systems, septic systems #3 and #5, near the air compressor room and near the trailer lot, respectively, had elevated concentrations of VOCs, as discussed below.

Latex Sump and Latex Holding Ponds - The facility formerly conducted coating operations at the north end of the plant. A concrete-lined trench discharged latex wastewater to a concrete-lined sump at the north portion of the site. An underground conduit discharged water from the sump to two holding ponds at the northeast portion of the site. Two drums of methylene chloride were reportedly dumped into the sump in 1993. Soil and groundwater sampling near the trench, sump, and holding ponds did not identify any evidence of an environmental impact in this area.

Diesel AST - The facility maintains a 10,000-gallon diesel Aboveground Storage Tank (AST) at the northeast portion of the site. Surface staining was identified on and around the secondary containment wall. Soil sampling in the area of the AST did not identify evidence of deeper petroleum impacts. There are, however, no state or federal regulations requiring immediate remediation of the surficial petroleum impacts to the soil around the AST.

Soil Impacts Outside Garage - Debris, including parts, batteries, and oil filters, was noted around the garage. In addition, a concrete trench inside the garage discharges to the open ground outside the north end of the garage, and a used oil AST is set outside the garage on a concrete pad. Stains were noted on the soil in each of these areas. Soil sampling in this area did not identify any evidence of deeper petroleum impacts. There are, however, no state or federal regulations requiring immediate remediation of the surficial petroleum impacts to the soil around the garage.

Oil Stains Outside Welding Shop - A steel rack for maintenance and cleaning of forklifts is conducted. Several drums of cleaning compounds and used oil were noted in this area, and significant staining was observed in this area. Soil sampling in this area did not identify any evidence of deeper petroleum impacts. There are, however, no state or federal regulations requiring immediate remediation of the surficial petroleum impacts to the soil in this area.

AEM's investigation identified the following areas of environmental concern:

Gasoline UST - The facility maintained a 1,000-gallon gasoline Underground Storage Tank (UST at the southeast corner of the site. Soil sampling in this area identified elevated concentrations of the Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) and Total Petroleum Hydrocarbons (TPH)-Diesel Range Organics (DRO) constituents. Specifically, benzene was detected at a concentration exceeding the applicable soil thresholds in the Georgia UST Management regulations. Benzene was also identified in the groundwater. Pursuant to the Georgia UST Management regulations, the Georgia Environmental Protection Division (EPD) must be notified of a release by the UST owner/operator, and a Corrective Action Plan-Part A (CAP-A) must be submitted 60 days after the release notification. The UST must also be removed or upgraded, as discussed in Section 6.1.

Used Oil Sump - An underground catch basin, referred to by plant personnel as the "used oil sump," is north of the garage. Soil and groundwater sampling in this area identified elevated levels of BTEX and TPH. Low concentrations of acetone and chlorinated solvents were identified in the soil in this area, as well. These concentrations were below the Hazardous Site Response Act (HSRA) reporting thresholds for these substances. Based on the unit's contents, use, size, and probable construction, the unit meets the definition of a UST under federal and Georgia UST regulations and must be treated as such. Thus, the release in this area must be reported to the Georgia EPD by the UST owner/operator and a CAP-A must be completed. Also, because the unit has been out of use for more than a year, it must be closed by removal or closure in place in accordance with the Georgia UST Management regulations.

Dye Sump Discharge Area/Septic System #5 - The facility's one dye vat formerly discharged to a concrete pit outside the welding shop. Groundwater sampling in this area and the nearby downgradient septic system drain field (#5) identified elevated concentrations of VOCs, primarily chlorinated solvents. Pursuant to the HSRA regulations, this release must be reported to the Georgia EPD by the property owner within 30 days of the property owner's discovery of the release.

Septic System #3 - One of the septic systems tested by AEM, septic system #3, near the air compressor room, had a detectable concentration of benzene. Based on a review of facility practices and materials stored or used in this area, this concentration may be related to some unknown type of petroleum release. However, because the exact source of this release is unknown, the potential exists that the benzene identified in this area is not from a petroleum source that clearly fits within the HSRA petroleum exclusion. Pursuant to the HSRA regulations, the release must be reported to the Georgia EPD by the property owner within 30 days of the owner's discovery of the release.

Compliance issues noted during AEM's Assessment are included in Section 6.1.

No other on- or off-site areas of potential environmental concern were identified during AEM's Assessment.

SECTION 2.0

SCOPE AND PROCEDURES OF ASSESSMENT

2.1 SCOPE AND PROCEDURES OF ASSESSMENT

AEM's Assessment was conducted between January 31 and April 17, 1997. The objective of this Assessment was to identify possible environmental impacts to the subject site from on- and off-site property uses. AEM's investigation was performed in accordance with ASTM E 1527-94 for performing a Phase I Environmental Site Assessment.

In the course of this Assessment, AEM reviewed computerized searches of state and federal databases (supplied by Environmental Risk Information and Imaging Services, Inc.) state and federal regulatory files, historical data, topographical and hydrogeological information, and other information as appropriate. AEM also conducted a thorough site reconnaissance and interviewed Diamond engineering and maintenance personnel.

While this Assessment has been directed to identifying existing conditions in environmental media at the site, compliance-related issues were noted during the site inspection. While these issues may not impact the environmental integrity of the property, they have been noted in this report to assist the Client in avoiding potential regulatory problems.

2.2 SITE RECONNAISSANCE

Site reconnaissance was performed by Mr. Chris Fonzi and Ms. Leslie Kirk of AEM on February 4, 1997. Mr. John Sullivan and Mr. Perry Goss of Diamond were present for the inspection.

In the course of the site reconnaissance, all potentially significant interior and exterior areas of the site were visited,

except those exterior areas not practically accessible and that suggested no prior commercial or industrial uses.

2.3 SOIL AND GROUNDWATER SAMPLING

Soil and groundwater sampling was performed by Tony Gordon and technical oversight was provided by Mr. Mark Potts, both of AEM. All sampling activities were conducted in accordance with applicable quality control standards as established by the Georgia Environmental Protection Division (EPD) and the U.S. Environmental Protection Agency (EPA). Specifically, all sampling procedures were conducted in accordance with those described in the Environmental Investigation Standard Operating Procedures and Quality Assurance Manual (EISOPQAM, 1996).

On-site drilling services were provided by Rock Drilling & Testing and Geoprobe® services were provided by SEER Subsurface Exploration (SEER), under the supervision of AEM staff geologists.

Soil samples were collected using either stainless steel hand augers, split-spoon samples, or direct-push sample rods with Teflon® liners. A direct-push Geoprobe® rig operated by SEER was used in conjunction with spoon or rod sampling devices. All soil sampling equipment was decontaminated in accordance with the procedures specified in Appendix B of the EISOPQAM (1996).

Soil samples were field-classified using the Unified Soil Classification System (USCS) and placed in appropriately labeled sample containers. As appropriate, a portion of each soil sample was set aside and field-screened for the presence of VOCs using a Photovac MP-1000 Photo-Ionization Detector (PID).

Soil sample containers were placed into separate plastic air-tight bags to prevent cross-contamination. The samples were then placed in ice-filled coolers and shipped to Accura Analytical Laboratory, Inc. (Accura) in Norcross, Georgia. All sample

preservation and shipping procedures in the EISOPQAM (1996), including chain-of-custody, were followed.

Temporary monitoring wells were installed by Rock Drilling & Testing, Inc. Using hollow-stem augers, the borings were drilled to depths intersecting the water table. When practicable, split-spoon samples were collected at 5-foot intervals to characterize the aquifer materials. Hollow-stem auger drilling was performed using 4.5-inch-Inside-Diameter (ID) augers so the monitoring wells could be completed through the augers.

A threaded, 2-inch-ID by 10-foot schedule 40 PVC 0.010-inch slotted screen was installed across the water table. A sufficient length of threaded 2-inch-ID by 10-foot schedule 40 PVC riser pipe was added to the screen until the riser pipe extended approximately 0 to 2 feet above the ground surface. The filter pack was placed from a depth of 6 inches below the bottom of the well screen to 2 feet above the top of the well screen. The filter pack was tremied for all the wells. The filter pack consisted of clean, graded 30-40 mesh silica sand.

Approximately 2 to 5 feet of high-grade bentonite pellets were "poured," tamped, and hydrated for the wells as a seal above the filter pack. The surface of the borehole around the annular space was sealed with clay and/or bentonite.

The wells were developed using dedicated bailers until the water removed was clear and the groundwater parameters had stabilized. After the wells had been sufficiently purged, groundwater samples were collected and placed into appropriately labeled containers.

The groundwater sample containers were placed into separate plastic air-tight bags to prevent cross-contamination. The samples were then placed in ice-filled coolers and shipped to Accura. All sample preservation and shipping procedures in the EISOPQAM (1996), including chain-of-custody, were followed.

All equipment decontamination procedures outlined in the EISOPQAM were followed during the sampling activities.

Laboratory analyses for all soil and groundwater samples were conducted by Accura in accordance with U.S. EPA-approved procedures. The following are the U.S. EPA analytical methods used for the laboratory analyses of soil and/or groundwater samples collected during this Assessment:

Metal	EPA Method
Arsenic	- 6010
Barium	- 6010
Cadmium	- 6010
Chromium	- 6010
Lead	- 6010
Mercury	- 7471A
Selenium	- 6010
Silver	- 6010
Cobalt	- 6010
Copper	- 6010
Nickel	- 6010
Zinc	- 6010

Organics	EPA Method
Total Petroleum Hydrocarbons (TPH)	-418.1
TPH-Gasoline Range Organics (GRO)	-5030/8015
TPH-Diesel Range Organics (DRO)	-3550/8015
Oil & Grease	-413.2
Benzene, Toluene, Ethylbenzene, & Xylenes (BTEX)	-8260
Volatile Organic Compounds (VOCs)	-8260
Semi-VOCs (SVOCs)	-8270
Polynuclear Aromatic Hydrocarbons (PAHs)	-8270

2.4 INFORMATION SOURCES

In the course of this Assessment, AEM personnel reviewed the following applicable documents:

DOCUMENT	SOURCE
USGS Quadrangle Map	Georgia Geologic Survey
Murray County Highway Map	Georgia Department of Transportation
Aerial Photographs	Murray County Tax Assessor and U.S. Dept. of Agriculture Soil Conservation Service

DOCUMENT	SOURCE
SARA Title III Reporting Data and MSDSs	Diamond Engineering Department
Septic Tank Information	Murray County Health Department
Building Inspection Records	Murray County Building Inspection Department
Air Permit Information	Diamond Engineering Department
Chain-of-Title	Bates, Kelehear, Starr & Cherof, P.C.
Computerized Database Report	Environmental Risk Information & Imaging Services, Inc.
LUST Files, UST Registrations, Hazardous Waste Files, CERCLIS and HSI	Georgia Environmental Protection Division Land Protection Branch and Hazardous Waste Branch
1996 Limited Environmental Compliance Audit	ERM-Southeast, Inc.
Murray County Soil Survey Information	U.S. Department of Agriculture Soil Conservation Service
National Wetlands Inventory Map	U.S. Department of the Interior, Fish and Wildlife Service
Information Circular 63, 1983	Georgia Geologic Survey

In addition, substantive information about the facility and the surrounding area was obtained from interviews with the following people:

PERSON INTERVIEWED	POSITION
Mr. John Sullivan	Head of Engineering, Diamond
Mr. Perry Goss	Industrial Engineer, Diamond
Mr. Mike Evans	Maintenance Supervisor, Diamond

2.5 LIMITATIONS

Although this study has been a reasonably thorough attempt to identify the potential sources of contamination for the subject site, there is always the possibility some sources of contamination have escaped detection due to the limitations of this study, the

inaccuracy of governmental records, or the presence of undetected and unreported environmental events. AEM's professional services have been performed using the degree of care and skill ordinarily exercised under similar conditions by reputable environmental consultants practicing in this or similar localities.

SECTION 3.0

DESCRIPTION OF SUBJECT PROPERTY

3.1 SITE LOCATION

The site is in Eton, Murray County, near the northern border of Georgia, at the northeast corner of the intersection of Highway 411 and Eton Industrial Drive. It is on the east side of Highway 411, approximately 3,000 feet north of the intersection of Highways 286 and 411 in downtown Eton (see Site Location Map, Attachment A).

3.2 SITE DESCRIPTION

The site is a rectangular parcel of 26.35 acres. The primary feature of the site is a 545,000-square-foot building (see Site Sketch, Attachment B). The building was constructed in several stages over the years. The first structure was built in 1969, and the plant was expanded eastward and southward in various stages throughout the 1970s and 1980s.

Operations conducted at the plant include shipping and receiving, tufting, warping, beaming, extrusion (a process by which polypropylene pellets are melted and then cooled and drawn into yarn fibers), and preparation and storage of product for shipment.

The building is constructed of brick and concrete block, with poured-concrete floors and metal siding. Offices have been partitioned at the eastern portion of the building. The southern portion of the building is used for storage and the color extrusion process (in which color pellets are mixed in with uncolored pellets to produce colored yarn fibers). Extrusion, warping, and beaming are conducted in the central portion of the building. Tufting is conducted toward the northern portion of the building. The northernmost portion of the building is used for storing unused machines, parts, and other miscellaneous materials, including

several unlabeled, full drums of unknown materials, as discussed in Section 4.2.1 (see Photo 1 in Attachment C, Site Photos).

The building faces Highway 411 to the west, and vehicle parking areas are west and south of the building. Truck and automobile access to the facility is gained from Eton Industrial Drive, south of the site. A rail spur track parallels the eastern site boundary.

Other features of the site include a guardhouse at the southern portion of the site, a vehicle maintenance garage east of the main building, a fire protection water tank at the northern portion of the site, a latex sump at the north end of the site, and two latex holding ponds at the northeast corner of the site. Each of these is discussed in more detail in Section 4.0.

Adjacent to the north of the site is a small tufting operation. Adjacent to the east is a railroad track and beyond that are ACS Fibers, Shaw Industries, and a small old concrete plant. All of these facilities are downgradient from the site. Beaulieu Industries is adjacent to the south of the site, beyond Eton Industrial Drive. Highway 411 borders the site to the west with Superior Carpets beyond that.

3.3 LAND USE HISTORY

AEM reviewed several sources of historical information regarding the site, including a 60-year chain-of-title, aerial photographs, city directories, building inspection records, and interviews with persons knowledgeable about prior site activities.

AEM reviewed a 60-year chain-of-title search report of the site prepared by Bates, Kelehear, Starr & Cherof, P.C., dated February 5, 1997. According to the report, the site, comprised of four parcels, is owned by Edward Weaver, who acquired the parcels between 1972 and 1979. According to Mr. John Sullivan, head of engineering for Diamond, Diamond has operated the northern portion

of the site since approximately 1969, when the plant was constructed. The other three parcels were acquired by Mr. Weaver as the plant was expanded southward and eastward. Prior to being acquired by Mr. Weaver, the four parcels were owned by private individuals.

The chain-of-title did not indicate any uses of the site inconsistent with those described in this report. A copy of the chain-of-title report is included as Attachment D.

AEM reviewed aerial photographs of the site, available at the Murray County Tax Assessor's office and at the U.S. Department of Agriculture Soil Conservation Service. Aerial photographs were available for 1950, 1955, 1972, 1980, 1981, 1988, and 1992. A summary of the aerial photographs follows:

1950 and 1955

The site is undeveloped and the land surrounding it appears to be undeveloped or used as farmland.

1972

The north portion of the building is in place and the rest of the site appears to be covered with trees. A dirt access road runs from Highway 411 around the north and east sides of the plant. The surrounding properties are undeveloped except for a small building to the west, across Highway 411.

1980 and 1981

The building has been extended south; however, the south half of the property remains undeveloped and is used for parking. A pond is visible in the northeast corner of the site and a water tank is visible in the northwest corner, adjacent to the building. A small tufting operation is in place north of the site, and ACS Fibers is in place east of the north portion of the site. Beaulieu is in place south of the site.

1988

The building has been extended farther south with parking south of the building. Two ponds are visible in the northeast corner. Shaw Industries is in place east of the south portion of the site, and Superior Carpets is in place west of the south portion of the site.

1992

The site appears substantially in its current form. A copy of the 1992 aerial photograph is included as Attachment E.

3.4 LOCAL GEOLOGY/HYDROGEOLOGY

3.4.1 Topography

Topographic relief at the site is approximately 25 feet, with elevations ranging from 760 to 785 feet Above Mean Sea Level (AMSL), as shown in Attachment F. The property slopes generally to the east. Surface runoff in the vicinity of the facility is dominated by Mill Creek, a north-south trending drainage feature located approximately 2,000 feet east of the subject site. Based on the available information, the groundwater flow direction is estimated to be toward the east-southeast.

3.4.2 Soils/Hydrology

A review of the National Wetlands Inventory Map, as published by the U.S. Fish and Wildlife Service, indicates the subject site itself is not on a designated wetlands area. However, according to the inventory map, the latex ponds have been classified as an excavated, permanently flooded, unconsolidated bottom Palustrine ecological system (which may have wetland indicators present). No survey was conducted in the course of this investigation specifically to identify soil or vegetative conditions indicative of wetlands.

3.4.3 Geology/Hydrogeology

The subject site lies in the Valley and Ridge Physiographic Province. This province is bordered to the southeast by the Piedmont Province and to the northwest by the Cumberland Plateau. Geologic formations in the Valley and Ridge Province consist of marine and non-marine sediments and meta-sediments of Early Cambrian to Pennsylvanian age. As a result of regional

compressional and tensional forces, geologic formations in the Valley and Ridge Province have been extensively deformed into a series of faulted folds.

The geologic formation directly underlying the subject site is the Knox Dolomite (Late Cambrian). The Knox Dolomite Formation is divided into two members, the lower Copper Ridge Dolomite and the Chepultepec Dolomite. The Copper Ridge Dolomite consists of thickly to massively bedded cherty dolomite measuring between 2,000 and 3,000 feet in thickness. The Chepultepec Dolomite is approximately 500 feet thick and consists of thick to massive dolomite interbedded with sandstone.

The dolomite unit of the Knox Formation is highly siliceous and, upon weathering, produces a cherty, silty, clayey residuum. The residuum ranges in thickness from 25 to 200 feet. The residuum is highly permeable. The residuum at the site has been characterized to a depth of 40 feet through the number of soil borings and monitoring well borings installed at the Eton facility. A general description of the upper residuum is as follows: the upper 15 to 20 feet consists of red-brown stiff clay with a trace to little silt and very fine sand of medium-high plasticity (CL-CH). The interval between 20 and 40 feet consists of red-brown, orange-brown, brown, very stiff clay with a trace silt and very fine sand, and a trace to a little weathered rock fragments with very high plasticity (CH).

Groundwater in the residuum occurs as the water table aquifer and as multiple water-bearing layers in the bedrock overburden. Gravel-packed wells in the residuum commonly yield 10 to 25 gallons per minute. Groundwater obtained from the residuum is usually soft and low in iron.

SECTION 4.0

SUMMARY OF ON-SITE ACTIVITIES

4.1 SUMMARY OF ON-SITE ACTIVITIES

The facility is primarily engaged in yarn extrusion, as well as carpet tufting. Specific processes include yarn extrusion, warping, beaming, tufting, material storage, product storage, and shipping. Former processes conducted at the facility included foam coating and jute (a type of material similar to burlap) coating, in which latex was applied to the back of carpets.

4.2 MATERIAL STORAGE AND WASTE MANAGEMENT PRACTICES

4.2.1 Hazardous Waste

Generator Status/Process Waste

According to the Georgia EPD files reviewed by AEM, the facility is classified as a Small-Quantity Generator (SQG) of hazardous waste. Currently, the facility maintains two hazardous waste generator identification numbers, GAD981219884 and GAD981227895, both for generating small quantities of hazardous waste. The second number was reportedly obtained through a clerical error in the late 1980s. According to Mr. Sullivan, the GAD981219884 is used most prevalently on the hazardous waste manifests from the facility.

Based on a review of process information provided by Diamond, the SQG status is based on the presence of several Safety-Kleen parts washing units at the facility. The units are serviced by the Safety-Kleen Corporation on a regular basis. No evidence of the generation of other types of hazardous waste was reported by Diamond personnel or noted in the course of review of process information and regulatory files.

Used batteries are staged indoors on an impervious concrete surface until they are removed for off-site disposal.

Used oil is generated during machinery oil changes and is kept at the welding shop in the middle of the plant and near the garage, as discussed in Section 4.5. Used oil is removed regularly by Goins Oil.

Storage Area

As stated above, the northernmost portion of the plant is used for storing unused materials. Several old machines and machine parts were noted in this area. In addition, approximately 100 drums were noted in this area (see Photo 1). These drums were primarily full and most were unlabeled. Many did not have lids and the materials within had solidified. Facility personnel did not have information on what types of materials may have been contained in the drums. Mr. Perry Goss, industrial engineer for Diamond, indicated this area of the building was formerly used for coating operations. Thus, it seems likely many of the drums contain waste latex, which is consistent with the appearance of the materials noted at the time of AEM's site inspection.

Two sealed, full drums were labeled "methylene chloride." Mr. Sullivan said that, to his knowledge, methylene chloride had never been used at the facility. Mr. Sullivan indicated the drums may have been moved to the site after a fire at the Diamond Distribution Center in 1993, when several items were temporarily staged at the Eton plant.

Empty storage tanks of various sizes ranging from approximately 250 to 5,000 gallons in capacity were also noted in this area.

No information as to whether any of these materials are hazardous waste was available at the time of AEM's inspection. The materials were stored indoors on an impervious concrete floor, and

no floor drains were noted in this area. Due to the lack of migratory pathways in this area, no evidence of a potential threat to the soil and/or the groundwater is apparent from this source.

Dye Sump Discharge

A small dye vat near the welding shop in the center of the building has historically been used for quality control tests on extruded fibers to determine dye-holding capabilities. According to Mr. Goss only one type of dye, Stylacyl Blue®, has been used in this dye vat. The primary components of this dye are dextrin, dye compound (which can contain heavy metals), sodium chloride, and mineral oil. Mr. Goss indicated the excess dye from this process was historically discharged to a sump outside the welding shop (see Photo 2). This sump consisted of a brick-lined pit filled with gravel. Mr. Mike Evans, maintenance supervisor, indicated that, at one time, the excess dye may also have been discharged to the open ground outside the welding shop.

In order to identify any residual impacts from previous dye water discharges in this area, AEM installed two soil borings (DD-1 and DD-2) in the vicinity of the discharge area and pit (see Figure 1 in Attachment G). Each boring was advanced to a depth of 10 feet. Soil samples were collected at intervals of 1-2, 4-6, and 8-10 feet. Soil samples DD-1 and DD-2 were submitted for laboratory analysis for TPH, VOCs, and total metals. Soil sample PID results are summarized in Table 1 in Attachment G.

AEM also installed a temporary groundwater monitoring well (TW-8) in this area. The samples from temporary well TW-8 were submitted for laboratory analysis for VOCs, SVOCs, and RCRA metals. Well construction specifications are summarized in Table 2 in Attachment G.

Analytical results are summarized in Tables 3 and 4 of Attachment G. Complete analytical results are also included in Attachment G. (Note: all figures, tables, and analytical results

for AEM's soil and groundwater sampling efforts at the facility are included in Attachment G.)

Low concentrations of selenium, lead, chromium, and barium were detected in both soil samples. Tetrachloroethene (PCE) and trichloroethene (TCE) were detected in DD-2, collected at a depth of 4-6 feet, at concentrations of 10 and 11 micrograms per kilogram (μg/kg), respectively. All of these constituents were below the reporting thresholds of the HSRA regulations.

Several VOCs were detected in TW-8. 1,1-dichloroethane (DCA) was detected at 37 micrograms per liter (μg/l), cis-1,2-dichloroethene (DCE) was detected at 47 μg/l, PCE was detected at 310 μg/l, 1,1,1-trichloroethane (TCA) was detected at 54 μg/l, and TCE was detected at 14 μg/l. All of these concentrations are above the HSRA reporting thresholds for VOCs. No SVOCs or RCRA metals were detected in TW-8.

4.2.2 Non-Hazardous Process Waste

The facility generates a variety of solid waste that is disposed of at the Murray County Landfill. This waste includes excess yarn fibers and general office waste. The facility maintains two dumpsters set on pavement that are serviced regularly by BFI. At the time of AEM's inspection, no evidence of the improper disposal of regulated waste via these dumpsters was identified. The facility also recycles several types of materials, including cardboard, steel, and plastic.

4.2.3 Chemical Usage

A variety of oils and lubricants are used in the machinery throughout the facility. New and used oils are stored in the welding shop and the garage in 250-gallon aboveground tanks, as discussed in Section 4.2.1. Several 55-gallon drums of oil were also noted in various locations throughout the facility.

The main processes at the facility are essentially dry processes, and the facility does not store large quantities of chemicals. Polypropylene pellets are stored in eight aboveground tanks set along the eastern side of the plant. A few drums of Scotchguard® were noted at the central portion of the plant. Refrigerant oil is stored in 55-gallon drums near the compressor at the eastern portion of the building.

An indoor 10,000-gallon aboveground tank is along the eastern portion of the plant. This tank is used to store "spin finish," a biodegradable lubricant consisting of fatty acids and water applied to the yarn fibers. The tank is set within secondary containment and no evidence of a spill in this area was apparent.

As stated above, one small dye vat near the welding shop is used for quality control tests on the extruded fibers. Only one type of dye, Stylacyl Blue®, has been used in this dye vat. One drum of this material was noted near the dye vat.

A few years ago, the facility had a spill of DowTherm® inside the plant. According to Mr. Goss, the spill was completely contained and disposed of properly. No floor drains were impacted. The Georgia EPD was notified of the release.

The facility conducts annual reporting under SARA §312. For the most recent reporting forms available, for 1995, the facility reported for propane and unleaded gasoline.

No reportable discharges under §304 were reported during the site inspection or identified during the regulatory file review.

4.3 ON-SITE UTILITIES

4.3.1 Consumptive Water Use

Process and drinking water is supplied by the City of Chatsworth Water Department. The facility maintains an aboveground water storage tank for fire emergencies.

A former water supply well is reportedly at the western side of the plant. At the time of AEM's inspection, the former well house had been boarded over, and no access to the well was available. Mr. Goss indicated the well had not been used for several years.

4.3.2 Wastewater

Septic Systems

All process and sanitary wastewater is discharged to one of 13 septic tank systems around the perimeter of the building. In addition to sanitary wastes, materials discharged to these septic tanks have likely included finish coatings, dyes, lubricants, and cleaning compounds, based on a review of historic practices.

Blowdown from the compressors and washdown from the chiller units is also reportedly discharged to these septic tanks. At one location, however, chiller washdown water was plumbed to a storm drain at the time of AEM's site inspection. The facility does not maintain a permit to discharge blowdown water to storm drains. The outfall for this drain was off site, however, and no potential impacts to the soil and/or the groundwater of the subject site were apparent.

In addition, one septic tank along the eastern side of the facility has received primarily sanitary wastewater. This tank has been known to periodically overflow, and, thus, a second tank

was added to the south. The drain field for this tank apparently intersects a storm water drainage ditch at the southeastern portion of the site. Historical analysis of the discharge in this area by Diamond has identified elevated levels of 5-day Biochemical Oxygen Demand (BOD_5) and fecal coliform. The facility is currently reviewing methods to eliminate these discharge problems.

Based on a review of historic and current facility processes and the site's layout, AEM identified five septic systems along the eastern side of the plant with the most potential for environmental impacts from process discharges. These septic systems have been defined as: 1) the southeast septic system, along the southeast corner of the main plant building; 2) the septic system just west of the railroad spur (railroad spur septic system; 3) the septic system east of the air compressor (air compressor septic system); 4) service garage septic system north of the garage; and 5) septic system on the east trailer lot.

To identify any potential impacts, AEM installed a temporary groundwater monitoring well at each of the above-mentioned drain fields or immediately downgradient of these areas (TW-2 at septic system #1, TW-3 at septic system #2, TW-4 at septic system #3, TW-6 at septic system #4, and TW-7 at septic system #5, as shown in Figures 1, 2, and 3 in Attachment G). Groundwater samples from each of these wells were submitted for laboratory analysis for VOCs, SVOCs, and dissolved RCRA metals.

One sample, TW-7, collected from the area of septic system #5, exhibited concentrations of 1,1-DCA at 20 μg/l and PCE at 29 μg/l. This well was installed downgradient of the dye sump discharge area, discussed in Section 4.2.1. Because the constituents identified in TW-7 were also detected in TW-8, it is likely the groundwater impacts in TW-7 are part of the same release as those in TW-8. The VOC concentrations detected in TW-7 are also above the HSRA reporting thresholds. No SVOCs or RCRA metals were detected in TW-7. Laboratory analytical results are summarized in Table 4 of Attachment G.

In TW-4, collected from the area of septic system #3, only one VOC, benzene, was detected, at a concentration of 9 μg/l. The septic system is plumbed to the air compressor room, where various oils and lubricants are commonly used. A review of historical facility practices and MSDSs did not identify any historical use of benzene as a solvent. Thus, the benzene detected in TW-4 may be related to some unknown type of petroleum release. However, because the exact source of this release is unknown, the potential must be recognized that the benzene is not from a petroleum release that clearly fits within the HSRA petroleum exclusion. The benzene concentration is above the HSRA reporting threshold.

Low concentrations of selenium were detected in TW-2 (0.066 milligrams per liter (mg/l)) and TW-3 (0.16 mg/l), collected from septic systems #1 and #2, respectively. The concentrations detected are indicative of background selenium concentrations for northeast Georgia. No VOCs or SVOCs were detected at these locations. Thus, no evidence of a release in these areas has been identified.

No VOCs, SVOCs, or RCRA metals were detected in TW-6, collected in the area of septic system #4. Thus, no evidence of a release from this source has been identified.

Latex Sump and Holding Ponds

As previously stated, the northern portion of the plant was formerly used for flow coating and jute coating. These processes applied latex to the back of carpeting. Wastewater containing latex was discharged via a concrete-lined trench to a concrete-lined sump outside the north end of the plant (see Photo 3). Wastewater from the sump was subsequently discharged to two unlined latex holding ponds at the northeast corner of the site (see Photo 4). These ponds were not designed to discharge wastewater, although they occasionally overflowed into the storm water ditch nearby. Water evaporated from the ponds. According to

Mr. Goss, waste latex was occasionally pumped out and disposed of off site at the Murray County landfill.

According to Mr. Sullivan, no latex has been discharged from site operations for several years. For several years, however, waste latex was brought from the Diamond distribution center in Chatsworth, where methylene chloride is widely used to clean the coating machines, to the site and dumped into the latex sump until approximately six months ago. The sump and ponds have not been used since the last discharge from the distribution center, and the Eton facility is reportedly in the process of evaluating closure methods for the ponds. At the time of AEM's inspection, the sump contained residual latex solids and water, and the ponds were filled to capacity with latex wastewater.

According to Mr. Sullivan, two drums of methylene chloride were reportedly dumped into the latex sump after the cleanup of the 1993 fire at the Diamond distribution center. Mr. Goss indicated the latex in the sump has since been removed and sent to the Murray County landfill. No information regarding the specific amount or concentration of methylene chloride dumped into the sump was available.

No sampling had been conducted in the area of the sump or the ponds. To identify any residual impacts in the area of the sump, AEM installed three shallow soil borings (LS-1, LS-2, and LS-3) immediately adjacent to the concrete-lined trench from the building to the sump (see Figure 4, Attachment G). Soil samples were collected from depths of approximately 2 to 3 feet from each boring and were field-screened for organic vapors using a PID (see Table 1, Attachment G). Soil samples from each location were submitted for laboratory analysis for VOCs.

AEM also installed a temporary groundwater monitoring well (TW-11) immediately adjacent to and downgradient of the latex sump (see Figure 4, Attachment G). TW-1 was screened between the intervals of 12.75 and 22.75 feet below the ground surface. Soil

samples were collected at 5-foot intervals during well installation and field-screened using a PID for organic vapors. No elevated PID readings were recorded from soil samples collected from TW-11. The sample from this well was submitted for laboratory analysis for VOCs, SVOCs, and dissolved RCRA metals.

No VOCs were detected in the soil samples collected near the sump. A low concentration of selenium (0.24 mg/l) was detected in TW-11. Again, this concentration is indicative of background concentrations for selenium in northeast Georgia. No other RCRA metals and no VOCs or SVOCs were detected in TW-11. Thus, no evidence of an environmental impact in the area of the latex sump has been identified. Analytical results are summarized in Tables 3 and 4 of Attachment G.

To identify any impacts in the area of the ponds, AEM installed two temporary groundwater monitoring wells (TW-9 and TW-10) immediately east of the ponds (see Figure 5). TW-9 was installed adjacent to the southernmost pond, TW-10 was installed adjacent to the northern pond. The samples from these groundwater wells were submitted for laboratory analysis for VOCs, SVOCs, and dissolved RCRA metals.

No VOCs, SVOCs, or RCRA metals were detected in either TW-9 or TW-10. Thus, no evidence of an environmental impact in this area has been identified.

4.3.3 Steam Generation/Air Emissions

Plant machinery is run by electricity. The facility does not maintain any on-site boilers, and no historical boilers have been identified at the facility. An application to permit a small pyrolysis cleaning furnace was submitted to the Georgia EPD in 1994. The EPD subsequently exempted the furnace from permitting requirements. Two compressors are at the eastern portion of the plant, and a few drums of refrigerant oil were noted in this area.

Currently, the facility has an operating permit (No. 2272-105-7710-0). The facility's extrusion machines have been evaluated by Trinity Consultants, Inc. (Trinity) for air emissions, and Trinity determined no additional air permits were necessary. However, AEM's review of the Trinity calculation for air emissions from the extrusion process indicates Trinity used an emission factor from the low end of the range of those applicable to extrusion processes. Because the EPA's AP-42 document prescribes a higher emission factor for the extrusion process, a larger factor may need to have been used to document the facility's emissions. If this larger emission factor were used, the facility may be a "major source" and would, thus, be subject to the Title V permitting regulations.

4.3.4 Electrical/PCBs

The facility is provided with electricity by on-site pad- and pole-mounted transformers owned by the Georgia Power Company. According to Georgia Power representatives, the transformers have not been tested for the presence of PCB oil. No staining or stressed vegetation was apparent near any of the transformers. It should be noted that Georgia Power typically assumes responsibility for investigation remediation of released from their transformers.

4.3.5 Storm Water

Generally, storm water flows toward the perimeter of the site. A storm water ditch runs along the southeastern property boundary and discharges off site to the south. No staining or stressed vegetation was readily apparent in the storm water ditch. As previously mentioned, however, one of the sanitary septic tanks at the east side of the plant has been known to overflow into the southeastern storm water ditch. Historical analysis of the storm water discharge in this ditch showed elevated levels of BOD_5 and fecal coliform. The facility is reportedly evaluating methods to eliminate this occurrence.

As stated above, one of the cooling towers appears to be plumbed to a storm drain that discharges off site east of the property. No impacts were apparent at the off-site discharge area, and no impact to the soil and/or the groundwater of the subject site was apparent.

The facility applied for coverage under the General Storm Water Discharge Permit for the State of Georgia; however, the application was returned because it was not completed correctly. The facility has not re-submitted the Notice of Intent for coverage under the General Permit. The facility has not prepared a Storm Water Pollution Prevention Plan (SWPPP).

4.4 POTENTIAL ASBESTOS-CONTAINING MATERIALS

According to Diamond personnel, no survey for asbestos-containing materials has been conducted at the facility. An asbestos survey was not conducted by AEM pursuant to this Assessment; however, AEM conducted a visual survey for building materials that typically contain asbestos, such as pipe insulation or sprayed-on insulation materials. AEM did not identify any such materials during the investigation. Very little pipe insulation was noted throughout the facility, and the pipe insulation identified appeared to be primarily fiberglass. No inspection of cooling towers or roofing materials for non-friable ACM was conducted as part of this Assessment.

4.5 UNDERGROUND AND ABOVEGROUND STORAGE TANKS/PETROLEUM STORAGE

4.5.1 Indoor Petroleum Storage

At the time of the site inspection, 55-gallon drums and smaller containers of various lubricants and oils were identified in the plant. While these materials were of various types and viscosities, no significant concentrations of hazardous constituents were noted from a review of MSDSs and drum labels. Prior to their use, the containers were stored on an impervious

concrete surface not immediately adjacent to any floor drains. The containers are used one at a time in the process areas. No stains or other signs of petroleum spills were noted during the site inspection.

In addition, 250-gallon Aboveground Storage Tanks (ASTs) of new and used oil are in the welding shop (see Photo 5). The containers were set on an impervious concrete surface not immediately adjacent to any floor drains. A small area of dark staining was identified around these tanks; however, no migratory pathway to soil and/or groundwater via floor drains was readily apparent.

4.5.2 Aboveground Storage Tanks (ASTs)

In addition to the petroleum storage described above, the facility maintains two outdoor ASTs. One, a 500-gallon used oil AST outside the garage, is set on a concrete pad. Heavy stains were identified around this tank (see Photo 6). To determine the extent of any soil impacts in this area, AEM collected soil samples from this area in conjunction with other soil sampling outside the garage, as discussed in Section 4.5.4.

Diesel AST

The facility also maintains a 10,000-gallon diesel AST north of the garage (see Photo 7). The tank is used for truck fueling. The tank and dispenser are on a concrete pad within a concrete block retaining wall, although a 2-inch hole has been drilled in the base of the wall to release storm water. Although exact dates are not available, the tank was reportedly operated for several years before the concrete block wall was added. Heavy stains were noted in the containment area and on the soil around the perimeter of the containment area, particularly at the west side.

To determine the extent of any impacts in this area, AEM installed four soil borings (AST-1, AST-2, AST-3, and AST-4) around the perimeter of the tank containment (see Figure 3, Attachment G). Soil samples were collected from each boring at intervals of 2-4 and 6-8 feet below the ground surface. Each soil sample was field-screened with a PID (see Table 1, Attachment G). Based on the PID readings, one soil sample from a depth of 2-4 feet from each boring was submitted for laboratory analysis for TPH and PAHs.

No TPH or PAHs were detected in the soil samples. Thus, it appears that impacts to soil in this area are limited to the surface. Analytical results are summarized in Table 3 of Attachment G.

4.5.3 Underground Storage Tanks (USTs)

Gasoline UST

The facility currently maintains one UST, a 1,000-gallon gasoline tank at the southeastern corner of the site, near the entrance (see Photo 8). The tank, which has been in operation for an unknown period of time, is used to fuel company automobiles. The tank does not comply with current UST requirements in that it is not registered, has not been pressure-tested, and is not equipped with leak detection equipment. The tank is also not in compliance with the 1998 upgrade requirements for USTs. The tank's orientation was determined to be north-south, with the total depth of the tank measuring 5 feet below the ground surface.

To identify a potential release in the area of the UST, AEM installed two soil borings (UST-1 and UST-2) along the eastern (downgradient) perimeter of the UST (see Figure 6, Attachment G). Each boring was sampled at intervals of 2-3, 5-7, and 10-12 feet below the ground surface. In addition, one shallow boring (UST-3) was advanced immediately adjacent to the dispenser. Boring UST-3 was sampled from the interval of 2-4 feet below the ground surface.

The soil samples from each boring were screened using a PID and visually examined in the field (see Table 1, Attachment G). The sample exhibiting the most significant evidence of contamination (highest PID reading) from each boring was submitted for laboratory analysis for TPH-GRO and BTEX.

AEM also installed a temporary groundwater monitoring well (TW-1) downgradient (east) of the tank. A groundwater sample from this well was submitted for BTEX analysis.

Elevated concentrations of BTEX and TPH-GRO were identified in UST-1 and UST-2, collected from the downgradient side of the UST. UST-1 exhibited concentrations of benzene at 4,100 µg/kg, ethylbenzene at 8,300 µg/kg, toluene at 4,000 µg/kg, xylenes at 24,000 µg/kg, and TPH-GRO at 21,000 mg/kg while UST-2 exhibited concentrations of benzene at 18 µg/kg, ethylbenzene at 12 µg/kg, toluene at 14 µg/kg, xylenes at 52 µg/kg, and TPH-DRO at 11 mg/kg (see Table 3 in Attachment G). Except for benzene in UST-1, the BTEX concentrations are all below the regulatory thresholds for releases to soil from USTs in Georgia.

In TW-1, benzene was detected at a concentration of 22 µg/l, which is above the federal Maximum Contaminant Level (MCL) of 5 µg/l for drinking water, used as the threshold for UST releases in Georgia. No other BTEX constituents were detected. Analytical results are summarized in Table 4 of Attachment G.

Used Oil Sump

A subsurface containment basin, referred to by plant personnel as the used oil sump, is north of the garage (see Photo 9). Although no documentation and very little historical information is available, the unit has historically received discharges from the drain at the bottom of the garage's subsurface work pit. Although the drain had been plugged for some time, it was permanently sealed with concrete during the implementation of

AEM's soil sampling efforts. The unit is connected to the ground surface via a 12-inch concrete pipe.

Although the size and construction materials of the unit are not known, its size is estimated to be approximately 9 feet wide by 12 feet long by 6 feet deep, and its construction material is likely concrete. At the time of AEM's inspection, the unit contained approximately 6 feet of used oil and water. Based on the unit's contents, use, size, and probable construction, the unit meets the federal and Georgia definitions of a regulated UST; however, it is not registered and is not in compliance with UST specification requirements.

To identify any impact in this area, AEM installed a total of four soil borings (OS-1, OS-2, OS-3, and OS-4) around the perimeter of the oil sump, one along each side of the oil sump (see Figure 3, Attachment G). Soil samples were collected from each boring at intervals of 4-6 and 8-10 feet. Each soil sample was field-screened with a PID (see Table 1, Attachment G). The sample from each soil boring exhibiting the highest PID reading was submitted for laboratory analysis for TPH and VOCs.

Low concentrations of VOCs, including acetone and one chlorinated solvent (TCE), and TPH were detected in the soil samples collected near the used oil sump. Total VOC concentrations in this area ranged from 9 μg/kg at the north side of the sump to 222 μg/kg at the south side of the sump. TPH concentrations ranged from BDL at the east side of the sump to 2,300 mg/kg at the north side of the sump. The concentrations of VOCs detected in the soil at the sump are below both the UST and the HSRA reporting thresholds. Analytical results are summarized in Table 3 of Attachment G.

In TW-5, benzene was detected at 65 μg/l, xylenes were detected at 59 μg/l, and three PAHs were detected, 1-methylnaphthalene at 6 μg/l, 2-methylnaphthalene at 5 μg/l, and naphthalene at 7 μg/l. The benzene concentration is above the

federal MCL for benzene (5 μg/l), used as the threshold for UST releases in Georgia. No RCRA metals were detected in TW-5. Analytical results are summarized in Table 4 of Attachment G.

Other USTs

The facility reportedly maintained one additional gasoline UST in the 1970s. No information is available as to the former location of the tank. Based on a review of the historical expansion of the plant southward, however, it appears likely the current building has been constructed over the former tank location. No physical evidence of a former UST, such as vent pipes or fill ports, was noted during AEM's site inspection.

4.5.4 Other Petroleum Issues

Garage Area/Used Oil AST

The garage is used to store several types of automotive fluids and oils (see Photo 10). As stated above, a 250-gallon new oil AST is set inside the garage, and a 500-gallon used oil AST is set outside the garage on a concrete pad. Several stains were noted throughout the garage building.

Several petroleum stains were noted outside the garage, as well. The garage is equipped with a narrow floor trench, apparently designed to discharge wash water from inside the garage directly onto the outside surface soil at the north end of the garage. Truck washing is typically performed near the south end. In addition, dumping of oil, batteries, parts, and debris is apparent at both ends of the garage (see Photo 11). One truck battery was broken open and has likely overflowed to the underlying soil.

To determine the extent of any impacts in this area, AEM installed two soil borings (SG-1 and SG-2) along the southern end of the garage (see Figure 3, Attachment G). Two additional

soil borings (UO-1 and UO-2) were collected adjacent to the used oil AST (see Figure 3, Attachment G). The soil samples were collected at intervals of 0-2, 4-6, and 8-10 feet below the ground surface. One shallow soil boring (NG-1) was collected along the northern side of the garage at the discharge point for the garage's floor trench. Soil samples were collected at depths of 1 and 3 feet below the ground surface from boring NG-1. Each soil sample was field-screened with a PID. One soil sample from each boring was submitted for VOC and TPH analysis. Soil sample UO-1 (0-2 ft) and NG-1 were also analyzed for total RCRA metals.

No VOCs were detected in SG-1, SG-2, or NG-1, collected from north and south of the garage. A low concentration of 1,400 mg/kg of TPH was detected in SG-1, collected from the south side of the garage. No VOCs were detected in either sample from the area around the used oil AST, although a low concentration of 14 mg/kg TPH was detected west of the tank. Analytical results are summarized in Table 3 of Attachment G.

Outside Welding Shop

Along the eastern wall, outside the welding shop, the facility is equipped with an external steel rack where maintenance and cleaning can be performed on lift trucks (see Photo 2). Several drums of cleaning compounds and new and used oil were stored in this area at the time of AEM's inspection. Significant soil staining was visible in this relatively small area.

AEM installed two soil borings (WS-1 and WS-2) in the vicinity of the surface stains (see Figure 1, Attachment G). Each boring was advanced to a depth of 10 feet. Soil samples were collected at intervals of 1-2, 4-6, and 8-10 feet. The soil samples were field-screened for organic vapors using a PID (see Table 1, Attachment G). One soil sample from each boring was submitted for laboratory analysis for TPH and VOCs.

No VOCs or TPH was detected in the samples collected near the welding shop (see Table 3, Attachment G). The samples were collected at depths of 4-6 feet. Thus, it appears the petroleum impacts in this area are limited to the surface.

SECTION 5.0

SURROUNDING PROPERTIES

5.1 FIELD RECONNAISSANCE

Adjacent to the site to the north is a small tufting operation. Adjacent to the east is a railroad track with ACS Fibers, Shaw Industries, and an old concrete plant beyond, all of which are downgradient from the site. Beaulieu Industries is adjacent to the south of the site, beyond Eton industrial Drive. Highway 411 borders the site to the west with Superior Carpets beyond that.

ACS Fibers was identified during the regulatory review, as discussed below.

5.2 COMPUTERIZED DATABASE SEARCH/REGULATORY REVIEW

A computerized database search report was prepared by Environmental Risk Information & Imaging Services, Inc. (ERIIS) AEM has carefully reviewed this report. The purpose of the search was to identify sites of potential environmental concern with addresses in the areas immediately surrounding the subject site. The database search report is included as Attachment H.

ERIIS performed a thorough search of federal and state database information for the areas surrounding the subject site. The search included listings published by state and federal regulatory agencies, including: FINDS, NPL, CERCLIS, NFRAP, RCRIS-TSD, RCRIS and RAATS, ERNS, OPENDUMP, DOCKET, HSI sites, the Georgia SPILLS list, Georgia registered and leaking USTs, and Georgia solid waste facilities and landfills, as described below.

The ERIIS report includes listings for all facilities in the same zip code area of the subject site. The ERIIS report lists facilities identified in the prescribed search radius for each

databases as "plottable" sites. The search radius for each database meets, at a minimum, the ASTM standard radius. Those facilities outside the search radius or for which incomplete addresses are available are listed as "unplottable" sites. As part of AEM's area reconnaissance, any unplottable sites that may actually be located within the prescribed radius of the subject site were identified and included in the regulatory review.

In addition to reviewing the information provided in the ERIIS report, AEM performed an additional investigation in the form of regulatory file review at the Georgia EPD. All available information on the properties identified as plottable in the ERIIS report was reviewed, as well as information on any properties identified during AEM's area reconnaissance within the appropriate radius of the subject site (including unplottable sites). The identified properties were evaluated with regard to their potential to environmentally impact the subject site. The following is a summary of the review conducted.

5.2.1 U.S. EPA Facility Index System (FINDS)

The FINDS report is a computerized inventory of all facilities regulated or tracked by the U.S. EPA. These facilities are assigned an identification number that serves as a cross-reference for other databases in the U.S. EPA's Program. Each FINDS record identifies the U.S. EPA program responsible for tracking the facility.

- The subject site was identified on the FINDS database under the RCRIS tracking system (addressed in Section 4.2.1) and the AFS/AIRS tracking system for air emissions (addressed in Section 4.3.3).
- Two sites adjacent to the subject site were identified on the FINDS database. ACS Fibers is listed in the RCRIS tracking system and is addressed in Section 5.2.6. Beaulieu United, adjacent to the south of the subject site, is listed in FINDS; however, the specific tracking system is not identified.

5.2.2 U.S. EPA National Priorities List (NPL)

The National Priorities List (NPL) (also known as the Superfund list) is a U.S. EPA listing of uncontrolled or abandoned hazardous waste sites. These are contaminated sites assigned a high ranking by the U.S. EPA in terms of potential public health effects. These sites are targeted for possible long-term remedial action under the federal Superfund Act.

- The subject site was not identified on the NPL.
- No facilities within a 1-mile radius of the subject site were identified on the NPL.

5.2.3 U.S. EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list is a compilation of records regarding facilities the U.S. EPA has identified as actual or suspected uncontrolled or abandoned hazardous waste sites. These sites have been investigated, or are currently under investigation, by the U.S. EPA for the release, or threatened release, of hazardous substances. Once a site is placed on the CERCLIS list, it may be subjected to several levels of review and evaluation and may ultimately be placed on the NPL.

- The subject site was not identified on the CERCLIS list.
- No facilities within a one-half-mile radius of the subject site were identified on the CERCLIS list.

5.2.4 U.S. EPA No Further Remedial Action Planned (NFRAP) Facilities

No Further Remediation Action Planned (NFRAP) sites are those sites originally regulated by the U.S. EPA as potential CERCLIS sites but have since been removed from the CERCLIS database because no contamination was found, contamination was removed

quickly, or the contamination was not serious enough to require federal Superfund action of NPL consideration.

- The subject site was not identified on the NFRAP list.
- No facilities within a one-half-mile radius of the subject site were identified on the NFRAP list.

5.2.5 U.S. EPA Resource Conservation & Recovery Information System (RCRIS) - Treatment, Storage, and Disposal (TSD) Facilities

The Resource Conservation and Recovery Information System (RCRIS) - Treatment, Storage, and Disposal (TSD) database contains information pertaining to facilities that treat, store, or dispose of hazardous waste.

- The subject site was not identified as a TSD facility on the RCRIS database.
- No TSD facilities within a 1-mile radius of the subject site were identified on the RCRIS database.

5.2.6 U.S. EPA Resource Conservation & Recovery Information System (RCRIS) - Generator Facilities and RCRA Administrative Action Tracking System (RAATS) List

The RCRIS database also contains information pertaining to facilities that generate hazardous waste. Generator facilities are categorized by the amount of waste they generate each month: Conditionally Exempt Small-Quantity Generators (CEG) generate less that 100 kilograms (kg) of hazardous waste each month, Small-Quantity Generators (SQG) generate between 100 kg and 1,000 kg of hazardous waste each month, and Large-Quantity Generators (LQG) generate more than 1,000 kg of hazardous waste each month.

The RCRA Administrative Action Tracking System (RAATS) database is a subset of the RCRIS database that tracks financial penalties assessed by the EPA to RCRA violators.

- The subject site was identified as a generator on the RCRIS database, as addressed in Section 4.2.1. The subject site was not identified on the RAATS database.
- No RAATS facilities within a one-quarter-mile radius of the subject site were identified by ERIIS.
- One facility adjacent to the subject site was identified as a generator on the RCRIS database:

ACS Fibers

ACS Fibers is approximately 400 feet northeast and downgradient of the subject site, at 395 Industrial Boulevard. According to Georgia EPD records, ACS was classified as a SQG but has not generated hazardous waste since 1994. The facility formerly generated waste benzene, perchloroethene, and DowTherm. No violations were recorded in the file, and no environmental impact to the subject site is apparent.

5.2.7 U.S. EPA Emergency Response Notification Systems (ERNS)

The Emergency Response Notification Systems (ERNS) list is used to store information on the sudden and/or accidental release of hazardous substances and petroleum into the environment. Information available in ERNS is acquired through the National Response Center. The ERNS reporting system contains preliminary information on specific releases, including the spill location, substance released, and responsible party.

- The subject site was not identified on the ERNS list.
- No facilities in the area immediately surrounding the subject site were identified on the ERNS list.

5.2.8 U.S. EPA Open Dumps Report (OPENDUMP)

The Open Dumps (OPENDUMP) report tracks known solid waste facilities that fail to meet the RCRA standards for solid waste disposal facilities and/or hazardous waste facilities.

- The subject site was not identified on the OPENDUMP list.
- No facilities in the area immediately surrounding the subject site were identified on the OPENDUMP list.

5.2.9 U.S. EPA Civil Enforcement Docket (DOCKET)

The Civil Enforcement Docket (DOCKET) is the U.S. EPA's system for tracking civil judicial cases filed on behalf of the U.S. EPA by the Department of Justice. This report contains information on cases dating from 1972 to the present.

- The subject site was not identified on the DOCKET list.
- No facilities in the area immediately surrounding the subject site were identified on the DOCKET list.

5.2.10 Georgia Hazardous Sites Response Act (HSRA)

The Georgia Hazardous Sites Response Act (HSRA) requires property owners to immediately remediate or notify the EPD of non-petroleum contamination in soil in groundwater above prescribed thresholds. Based on the type and extent of contamination, as well as other site-specific factors, certain sites are designated for additional investigation and/or remediation and placed on the Hazardous Sites Inventory (HSI). The HSI is a list of sites in Georgia known or suspected of having had a release of a regulated substance above a reportable quantity. AEM reviewed the Georgia HSI published by the Georgia EPD in July 1996, as well as the list of additions to the HSI since the list was published.

AEM also reviewed the HSRA notification forms for sites in Murray County that were not listed on the HSI. These sites are identified in the database search report as "MSITES." These sites were reviewed by the Georgia EPD and determined, through a mathematical evaluation of the information provided on the notification forms, not to pose a significant enough threat to the environment or human health for inclusion on the HSI.

- The subject site was not identified on the HSI and was not identified as a non-HSI site.
- No facilities within a one-half mile radius of the subject site were identified on the HSI.
- One facility determined by the Georgia EPD to be non-HSI was identified within a one-quarter mile radius of the subject site:

ACS Fibers

According to Georgia EPD records, ACS, described above, submitted an initial release notification to the EPD on July 7, 1994. The notification indicated a release of trichloroethene to soil and groundwater. Due to the distance of the nearest drinking water well and the limited quantity of contaminant released into the soil, the EPD determined the site should not be listed on the HSI. Due to the limited magnitude of the spill and the flow of groundwater away from the site, no environmental impact to the subject site is apparent.

5.2.11 Georgia Spills Report (SPILLS)

The Georgia Spills Report (SPILLS) contains summary information pertaining to all reported spills within the State of Georgia and is maintained by the Emergency Response Division of the EPD.

- The subject site was identified on the Georgia Spills Report, as addressed in Section 4.2.3.

- No sites adjacent to the subject site were identified on the Georgia Spills List.

5.2.12 Georgia Registered Underground Storage Tanks (USTs)

The State of Georgia maintains a list of all registered USTs. During AEM's investigation, the UST registrations for Murray County were reviewed.

- The subject site was identified on the list of registered USTs; however, one UST is at the site, as addressed in Section 4.5.3.
- No facilities within the immediate vicinity of the subject site were identified on the list of registered USTs.

5.2.13 Georgia Leaking Underground Storage Tank (LUST) List

The State of Georgia maintains a list of all sites that have reported a confirmed release from an on-site UST.

- The subject site was not identified on the LUST list.
- No facilities within a one-half mile radius of the subject site were identified on the LUST list.

5.2.14 Georgia Solid Waste Facilities (SWF)

The Georgia Solid Waste Facilities (SWF) list contains permitted solid waste landfills in the State of Georgia. The Georgia landfill listings do not include unpermitted landfills or dumps.

- No listed permitted landfills were identified within a 1-mile radius of the site.
- No evidence of landfill activity was identified at the site.

SECTION 6.0

CONCLUSIONS AND RECOMMENDATIONS

6.1 COMPLIANCE ISSUES

As previously noted, certain issues have been addressed in the course of this assessment that, while not directly impacting the environmental integrity of the property, represent potential regulatory issues or violations of environmental regulations:

- Due to an administrative error, the facility currently maintains two EPA generator identification numbers for hazardous waste. The facility needs to notify the Georgia EPD that the number used less frequently, GAD981227895, is no longer applicable to the facility.

- Several unidentified, unlabeled drums were noted at the north end of the plant. Most were full and without lids and the materials within had solidified. The facility needs to evaluate these drums to determine if any contain usable products and remove the remaining drums for off-site disposal in accordance with appropriate state and federal regulations to ensure no hazardous waste is being stored improperly at the plant.

- The facility requires a Spill Prevention, Control, and Countermeasures (SPCC) plan to address its storage of petroleum in drums and ASTs at the facility. Such a plan is mandated by the requirements of 40 CFR 112 because more than 1,320 gallons of petroleum is stored aboveground.

- The 1,000-gallon gasoline UST is not registered nor does it comply with either the current or the 1998 upgrade requirements for USTs. The tank and piping are not equipped with leak detection equipment nor does the facility conduct annual tank tightness testing, requirements for current UST systems. If the tank is to remain in operation, it must be registered annually with the Georgia EPD by the UST owner/operator and the facility will have to provide leak detection and upgrade the tank specifications to those described in 40 CFR 280. Documentation to this effect must be maintained on site.

- A drain hole has been drilled in the base of the 10,000-gallon diesel AST containment wall. This does not meet the requirements of the 40 CFR 112 regulations for secondary containment. The facility needs to evaluate the containment wall and upgrade it to ensure it complies

with the requirements of the oil pollution prevention regulations.

- An inventory of the types and the quantities of chemicals at the site should be conducted to ensure no additional reporting is required pursuant to SARA Title III, such as Form R or Tier II reporting (e.g., No. 2 fuel oil), as well as to re-assess the facility's hazardous waste generator status.

- Used oil, which is hauled off site for disposal by Goins Oil, is entitled to an exemption from hazardous waste regulations so long as it is not a RCRA-listed waste and does not present unusual characteristics, such as elevated halogen levels. If the used oil is improperly disposed of at any point after leaving the facility, however, the generator facility may incur significant liability pursuant to both state and federal Superfund regulations. Therefore, representatives of the facility should visit and inspect any facilities that process this used oil.

- The latex sump and latex holding ponds are no longer in use. It may be advisable to close these units in accordance with the Georgia solid waste and industrial wastewater regulations to prevent improper disposal of regulated waste via these ponds.

- Pursuant to the state and the federal NPDES Storm Water regulations (40 CFR 122), the facility has filed for coverage under the Georgia General Permit. The application was returned because it was incomplete. The facility must resubmit the Notice of Intent. The facility needs to prepare a Storm Water Pollution Prevention Plan (SWPPP) as part of this coverage and determine the applicability of sampling requirements.

- One of the chillers on the east side of the plant is plumbed to a storm drain that discharges off site. No permit has been granted for this discharge of utility water. The facility should evaluate permitting this discharge or re-routing the discharge to one of the nearby septic systems (e.g., #2 or #3).

- Pursuant to the federal RCRA regulations, used batteries must be removed by a licensed hauler and waste manifests retained by the facility for a period of three years. Alternatively, under the universal waste rule (40 CFR 273), the batteries can be recycled, in which case no manifests are required, although the batteries must be collected by a licensed hauler. Neither of these methods is currently employed by the facility. The facility needs to re-evaluate its battery disposal practices to ensure batteries are disposed of properly.

- The facility may have used a lower emission factor than is ordinarily used in determining air permitting needs for the extrusion machines. This emission factor may be inconsistent with the accepted EPD guidelines, as the EPD requires that the highest applicable emission factor be used in these calculations. The facility should re-evaluate the emissions from these machines to determine if the facility is a major source and, thus, subject to the Title V regulations.

6.2 ISSUES RESOLVED THROUGH PHASE II INVESTIGATION

AEM conducted soil and/or groundwater sampling at the area of concern identified in the course of the Phase I Assessment. The following areas were determined to warrant no further investigation:

Septic Systems - Groundwater sampling in the drain fields of these systems did not identify any evidence of a regulated release in three of the systems. No detectable concentrations of VOCs, SVOCs, or RCRA metals were identified at these septic systems.

The two other systems, septic systems #3 and #5, near the air compressor room and near the trailer lot, respectively, had elevated concentrations of VOCs, as discussed below.

Latex Sump and Latex Holding Ponds - Soil and groundwater sampling near the trench, sump, and holding ponds did not identify any evidence of an environmental impact in this area.

Diesel AST - The facility maintains a 10,000-gallon diesel AST at the northeast portion of the site. Surface staining was identified on and around the secondary containment wall. Soil sampling in the area of the AST did not identify evidence of deeper petroleum impacts. There are, however, no state or federal regulations requiring immediate remediation of the surficial petroleum impacts to the soil around the AST.

Soil Impacts Outside Garage - Debris, including parts, batteries, and oil filters, was noted around the garage. In addition, a concrete trench inside the garage discharges to the open ground outside the north end of the garage, and a used oil AST is set outside the garage on a concrete pad. Stains were noted on the soil in each of these areas. Soil sampling in this area did not identify any evidence of deeper petroleum impacts. There are, however, no state or federal regulation requiring immediate remediation of the surficial petroleum impacts to the soil around the garage.

Oil Stains Outside Welding Shop - A steel rack for maintenance and cleaning of forklifts is conducted. Several drums of cleaning compounds and used oil were noted in this area, and significant staining was observed in this area. Soil sampling in this area did not identify any evidence of deeper petroleum impacts. There are, however, no state or federal regulation requiring immediate remediation of the surficial petroleum impacts to the soil in this area.

6.3 AREAS OF ENVIRONMENTAL CONCERN

6.3.1 UST Issues

Gasoline UST

Soil sampling in this area identified elevated concentrations of the BTEX and TPH-DRO constituents. In addition, benzene was identified in groundwater. Pursuant to the Georgia UST management regulations, the Georgia EPD must be notified of a release by the UST owner/operator, and a Corrective Action Plan-Part A (CAP-A) must be submitted 60 days after the release notification. The tank must also be registered and upgraded as discussed above in Section 6.1.

Used Oil Sump

Soil and groundwater sampling in this area identified elevated levels of BTEX and TPH. Low concentrations of acetone and chlorinated solvents were also identified in the soil. These concentrations were below HSRA reporting thresholds for these substances. As previously discussed, because the unit meets the definition of a UST under federal and Georgia UST regulations, the release in this area must be reported to the Georgia EPD by the UST owner/operator and a CAP-A must be completed. Also, because the unit has been out of use for more than a year, it must be closed in accordance with the Georgia UST Management regulations.

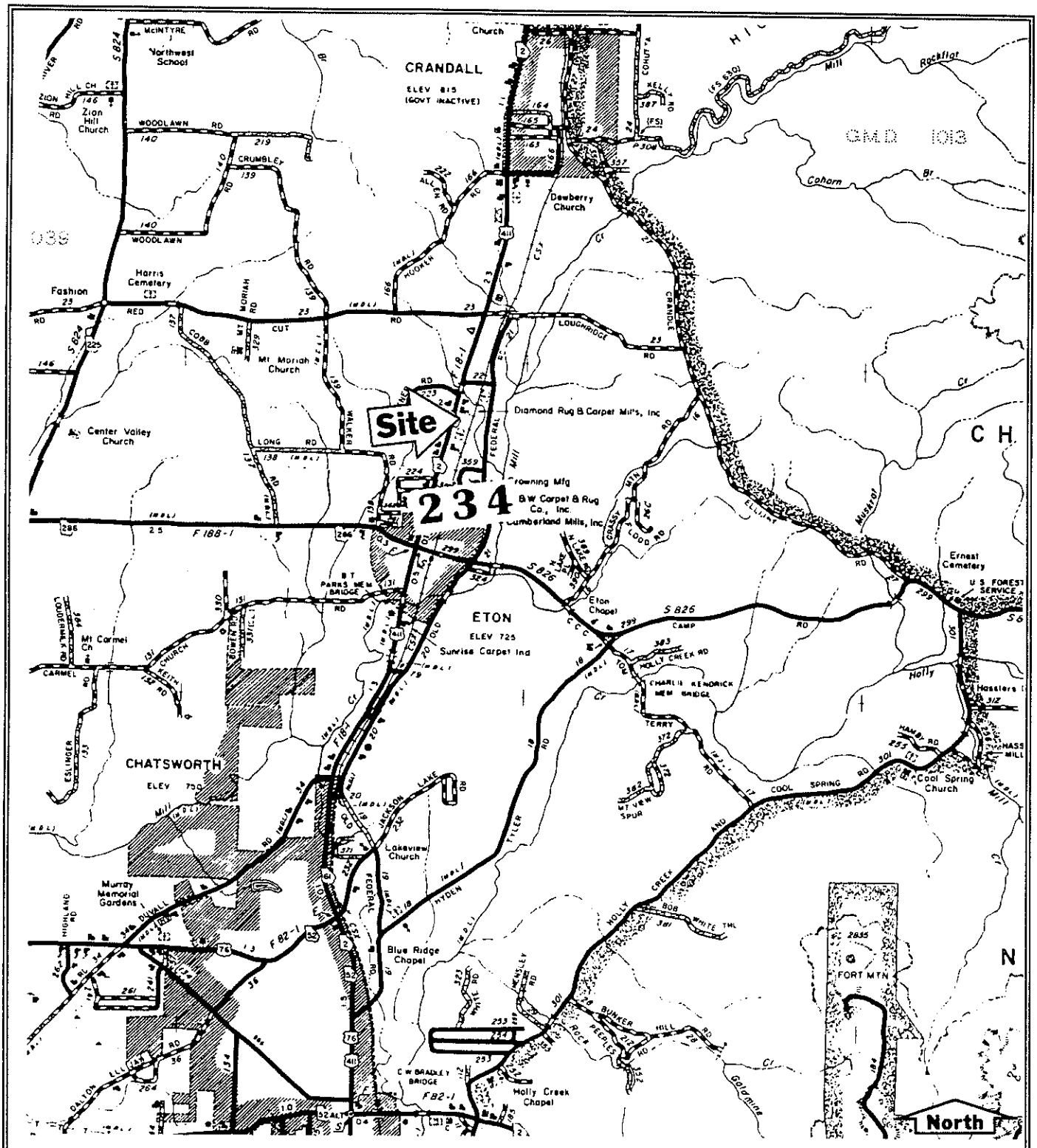
6.3.2 HSRA Issues

Septic System #3

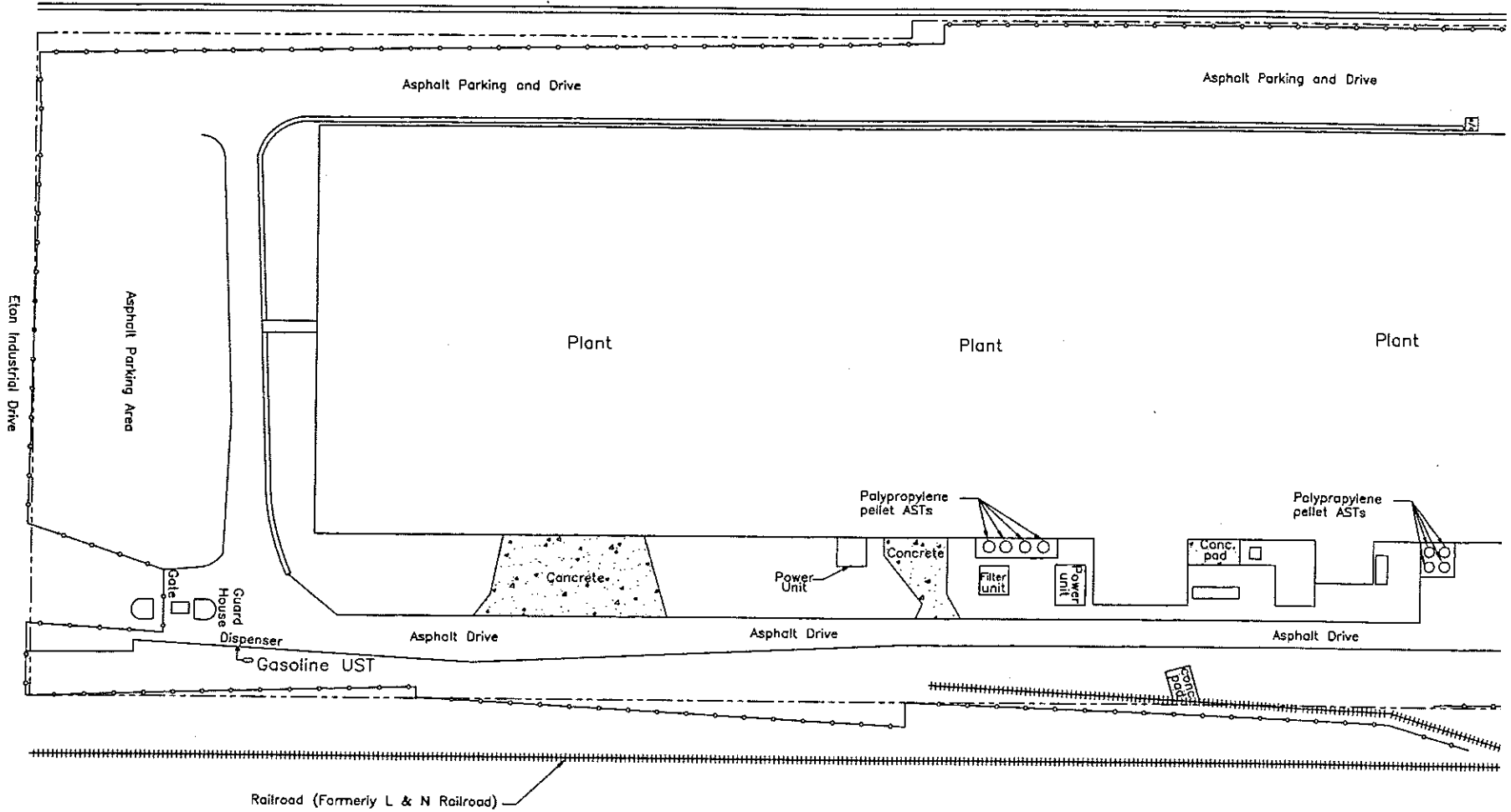
One of the septic systems evaluated by AEM, septic system #3, near the air compressor room, had a detectable concentration of benzene. Based on a review of facility practices and materials stored in this area, this concentration may be related to some unknown type of petroleum release. However, because the exact source of this release is unknown, the potential must be recognized for the benzene to be the result of a release that does not clearly fit within the HSRA petroleum exclusion, which would be subject to the HSRA regulations. Under these regulations, the release must be reported by the property owner within 30 days of the owner's discovery of the release.

Dye Sump Discharge Area/Septic System #5

The facility's one dye vat formerly discharged to a concrete pit outside the welding shop. Groundwater sampling in this area and the nearby septic system drain field (#5) identified elevated concentrations of VOCs, primarily chlorinated solvents. Pursuant to the Georgia HSRA regulations, this release must be reported to the Georgia EPD by the property owner within 30 days of the property owner's discovery of the release.



DIAMOND RUG AND CARPET MILLS, INC. ETON PLANT ETON, GEORGIA	Atlanta Environmental Management, Inc. 2580 Northeast Expressway Atlanta, Georgia 30345
Date: April 1997	ATTACHMENT A SITE LOCATION MAP

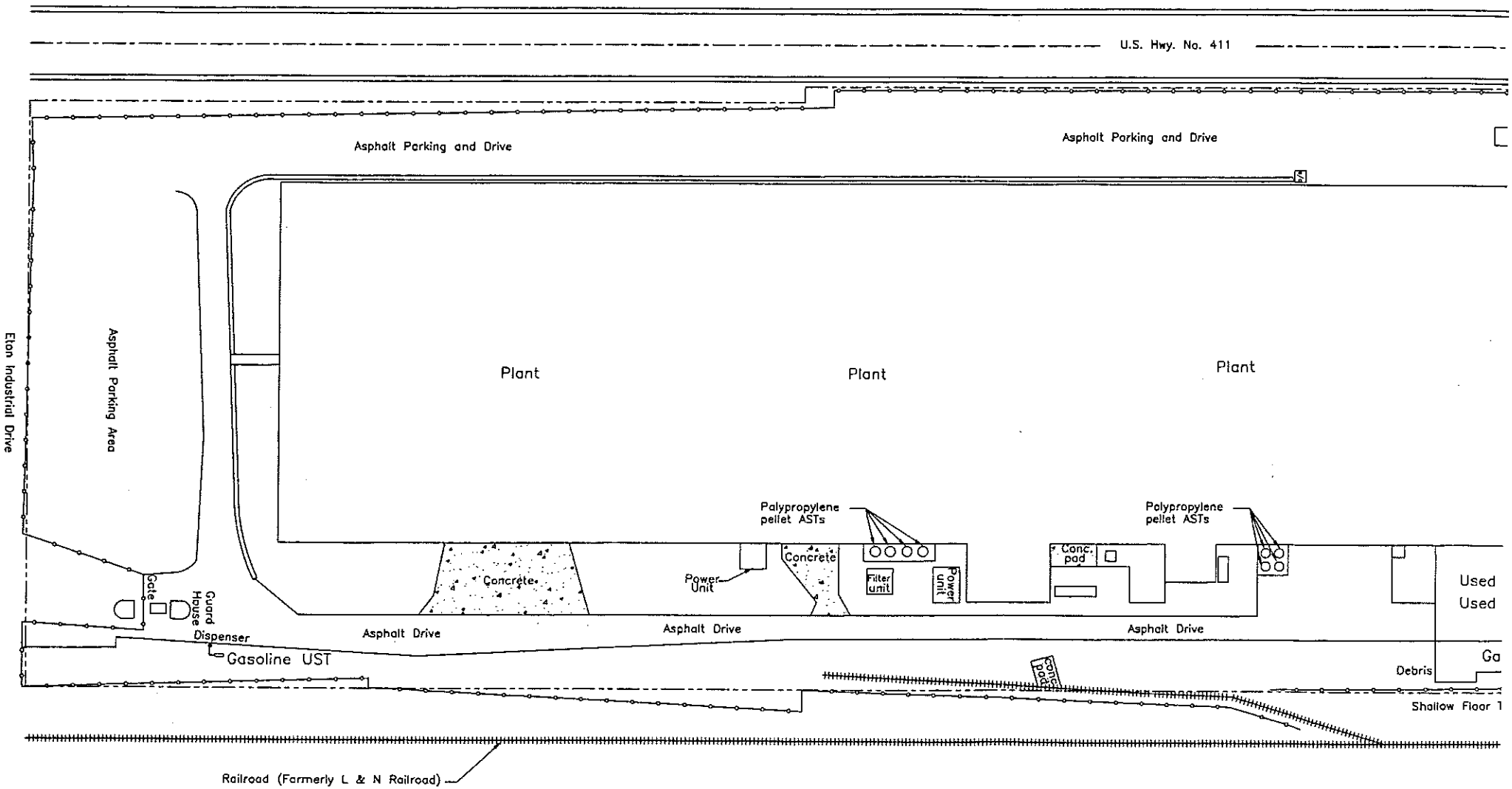


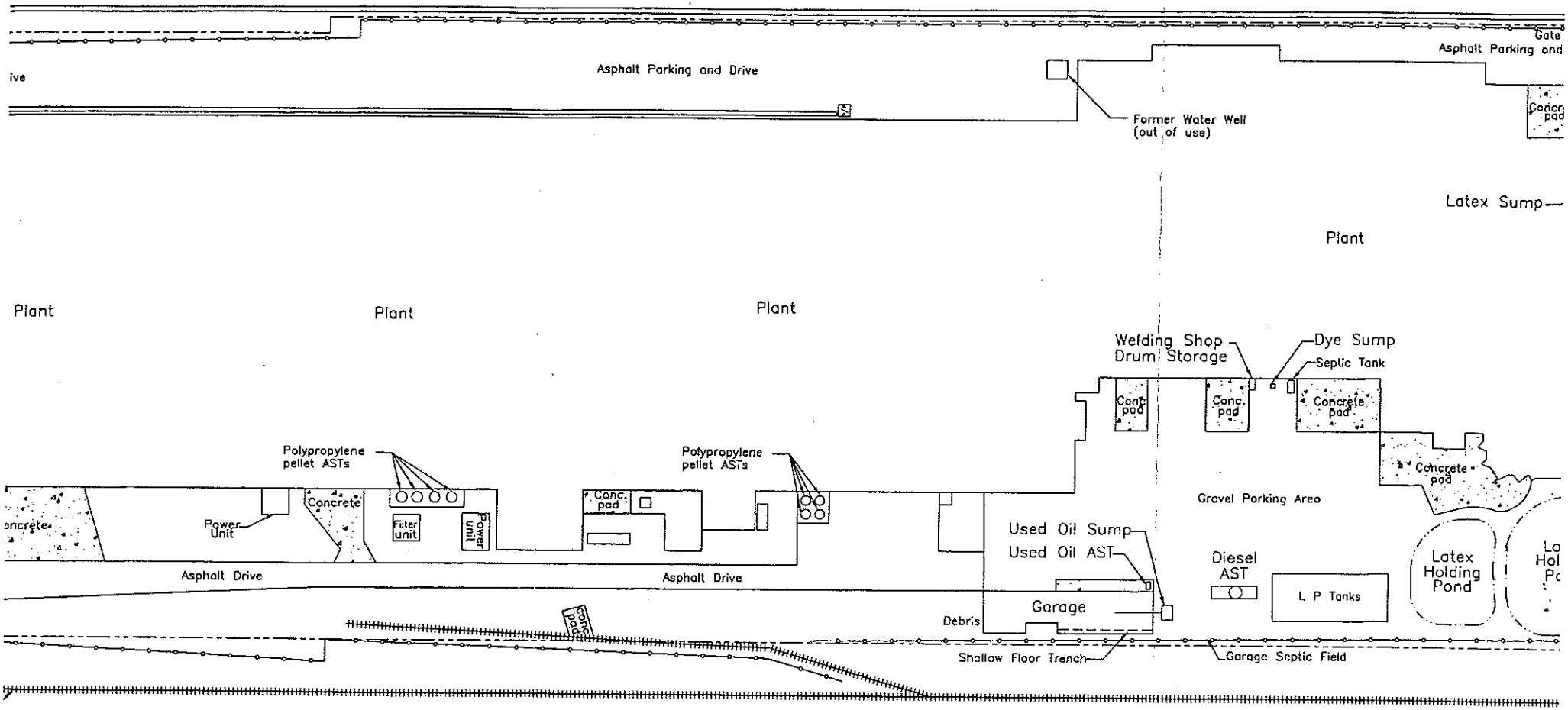
SYMBOLS LEGEND

- FENCELINE
- RAILROAD TRACKS
- PROPERTY LINE
- TRENCH
- WATER

Diamond Rug and C
Eton Pl
Eton, Geo

PROJECT #:	D
790-02	
SCALE:	D
NTS	


U.S. Hwy. No. 411
Asphalt Parking and Drive
Asphalt Parking and Drive
Eton Industrial Drive
Asphalt Parking Area
Plant
Plant
Plant
Polypropylene pellet ASTs
Polypropylene pellet ASTs
Concrete
Power Unit
Concrete
Filter unit
Power unit
Conc. pad
Gate
Guard House
Dispenser
Gasoline UST
Asphalt Drive
Asphalt Drive
Asphalt Drive
Used
Used
Debris
Shallow Floor T
Railroad (Formerly L & N Railroad)



Diamond Rug and Carpet Mills, Inc. Eton Plant Eton, Georgia		AEM ATLANTA ENVIRONMENTAL M 2580 N. E. EXPRESSWAY ATLANT TEL:(404) 329-9006 – F
PROJECT #: 790-02	DRAWN BY: TL	Site Sketch
SCALE: NTS	DATE: April 16, 1997	

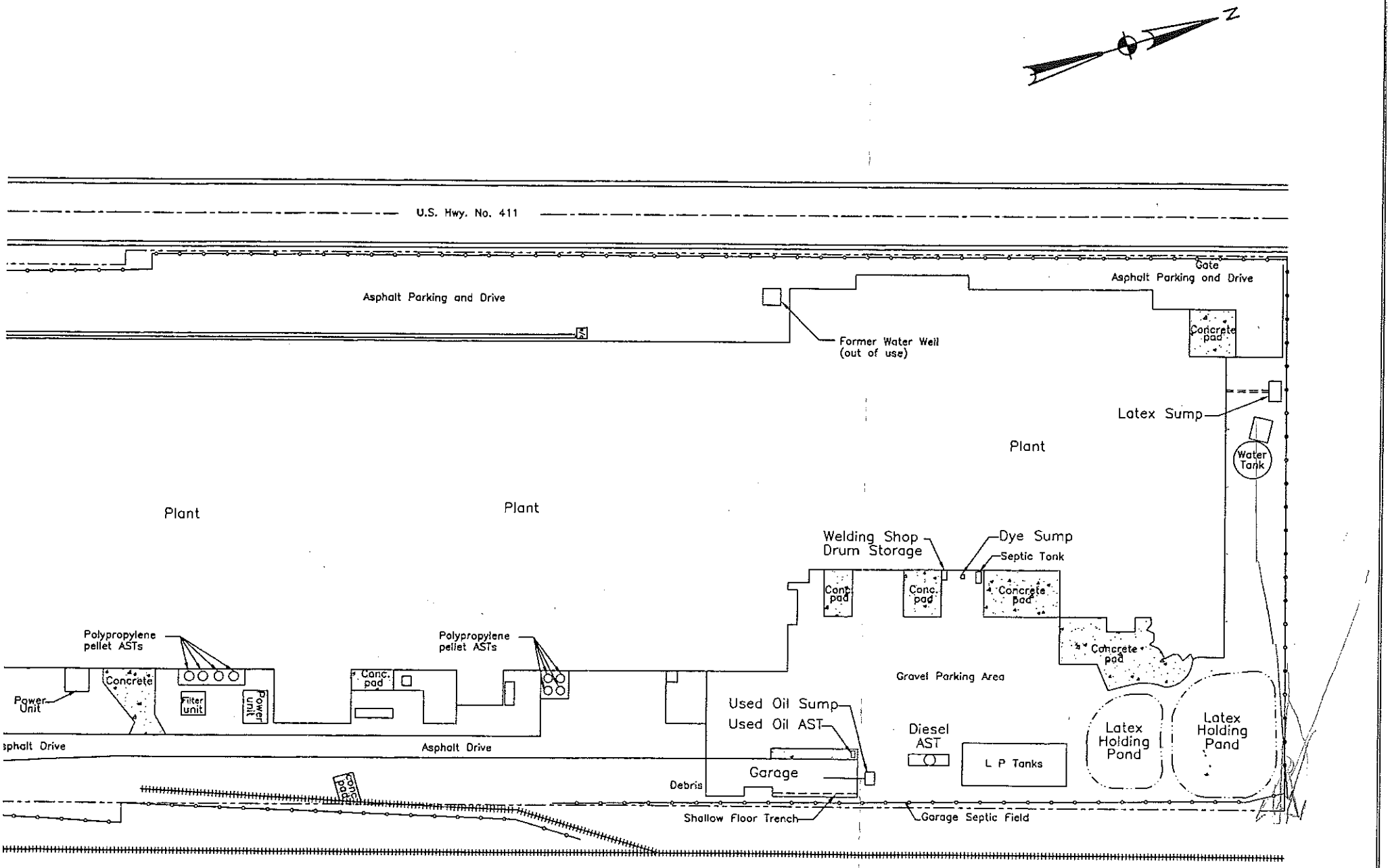

N
U.S. Hwy. No. 411
Asphalt Parking and Drive
Former Water Well
(out of use)
Gate
Asphalt Parking and Drive
Concrete pad
Latex Sump
Water Tank
Plant
Plant
Plant
Welding Shop
Drum Storage
Dye Sump
Septic Tank
Conc. pad
Conc. pad
Concrete pad
Concrete pad
Polypropylene
pellet ASTs
Polypropylene
pellet ASTs
Power Unit
Concrete
Filter unit
Power unit
Conc. pad
Gravel Parking Area
Used Oil Sump
Used Oil AST
Diesel
AST
L P Tanks
Latex
Holding
Pond
Latex
Holding
Pond
sphalt Drive
Asphalt Drive
Garage
Debris
Conc. pad
Shallow Floor Trench
Garage Septic Field

Photo 1 - Drum Storage at North End of Plant (unknown materials)

Photo 2 - Dye Sump Discharge Outside Welding Shop

Photo 3 - Latex Sump

Photo 4 - Latex Holding Ponds

Photo 5 - Used and New Oil Storage

Photo 6 - Used Oil Storage Outside Garage

Photo 7 - Diesel AST

Photo 8 - Gasoline UST

Photo 9 - Used Oil Sump

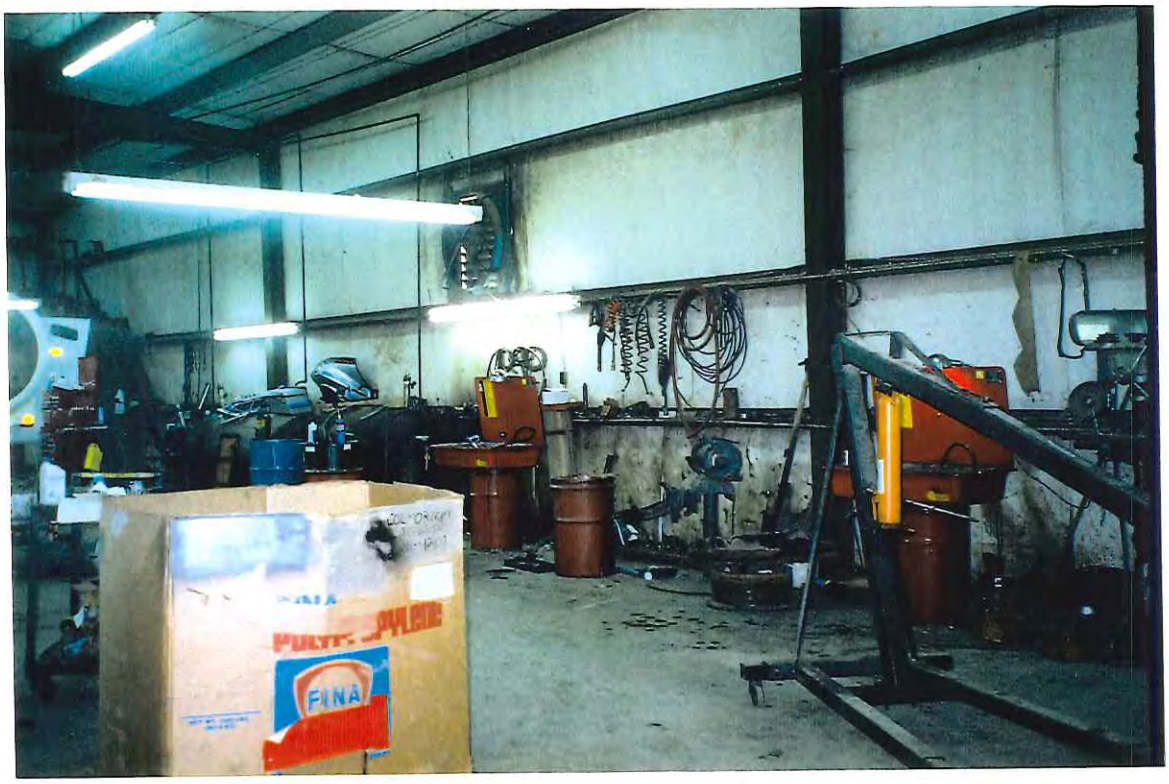


Photo 10 - Garage

Photo 11 - Stained Area Outside Garage

DISTRIBUTION PARCEL 5

Edward L. Weaver - 3/9/82 to Present
Trinity Carpets, Inc. - 7/1/77 to 3/9/82
Lehigh Portland Cement Co. - 10/30/70 to 7/1/77
Ft. Mountain Investments, Industries - 11/1/68 - 10/30/70
W. Clyde Long - 9/26/66 to 11/1/68
W. C. Bradley, R. E. Chambers, H. Barron Brooks, J. Tucker Brown - 2/22/66 to 9/28/66
W. C. Bradley, R. E. Chambers, H. Barron Brooks, J. Tucker Brown, d/b/a W. C. Bradley & Assoc. - 11/15/65 to 2/22/66
W. C. Bradley - 11/15/65 to 11/15/65
James A. and Jesse J. Howard
Mrs. Jim Howard - > 12/24/36 to 11/15/65

DISTRIBUTION PARCEL 1 & 3

Edward L. Weaver - 7/30/83 to Present
Donald E. Harper - 2/10/78 to 7/30/83
Carolyn McCraney and Jerome Parrott - 12/26/77 to 2/10/78
Ella H. Johnson - 11/28/77 to 12/26/77
Estate of George W. Johnson >
Geroge W. Johnson 2/26/52 to 11/28/77
O. L. Mallett - 9/2/35 to 2/26/52

DISTRIBUTION PARCEL 10

Edward L. Weaver - 6/19/79 to Present
J. A. Springfield - 11/10/75 to 6/19/79
Charles W. Poag, W. Clyde Long, William L. Elrod, Bobby Brindle, W. Frank Brindle - 12/30/67 to 11/10/76
Marguerite Keith Raper, Lennie L. Keith, Bobby C. Keith, Amos L. Keith, Jr.
A. L. Keith ——> 2/7/03 to 12/30/67

DISTRIBUTION PARCEL 18 MAP 72

Edward L. Weaver - 11/9/79 to Present
Barney Elrod Construction Co., Inc. - 6/30/71 to 11/9/79
Robert M. Duckett - 8/30/68 to 6/30/71
Thomas B. Duckett, Jessie Mae Copeland Duckett, Heirs of Thomas E. Duckett - 9/57 to 8/30/68
Thomas E. Duckett and Robert M. Duckett
T. B. Duckett - 10/17/32 to 9/57
~~J. D. Charles~~

EDWARD L. WEAVER, ESTATE/MOHAWK INDUSTRIES
60 YEAR CHAIN OF TITLE

ATLANTA ENVIRONMENTAL MANAGEMENT, INC.

ATTENTION: CHRIS FONZI

MANUFACTURING "A"

Edward L. Weaver - 12/30/77 to present
D & W Carpet & Rug Co., Inc. - 10/26/76 to 12/30/77
Garlan L. Millsap - 6/26/70 to 10/26/76
Carlton Petty and Bentley Willis - 1/30/65 to 6/26/70
Julian G. S. Keith - 9/2/58 to 1/30/65
W. W. Keith - 3/6/30 to 9/2/58

MANUFACTURING "B"

Edward L. Weaver - 11/5/76 to Present
Carlton Petty, Individually and the Estate of
Bentley Willis - 1/30/65 to 11/5/76
Carlton Petty and Bentley Willis
W. W. Keith - 3/6/30 to 1/30/65

MANUFACTURING "C"

Edward Weaver - 9/25/72 to Present
Mrs. Frances Harris McLellan and Mrs. Mamie
Withers Jackson - 5/8/44 to 9/25/72
Estate of Dr. James F. Harris - 7/23/28 to 5/8/44

MANUFACTURING "D"

Edward L. Weaver - 2/27/79 to Present
Diamond Rug & Carpet Mills, Inc. - 9/24/70 to 2/27/79
Edward L. Weaver - 12/3/68 to 9/24/70
Ray and Spruel Dempsey - 10/23/68 to 12/3/68
N. Ga. Walking Horse Associates - 11/15/66 to 10/23/68
C. W. Bradley and J. C. Robinson - 1/22/66 to 11/15/66
Carlton Petty and Bentley Willis - 9/15/64 to 1/22/66
Florida Harris Harris and Jimmie Harris Jones
Maynard W. Harris - 1/22 to 9/15/64

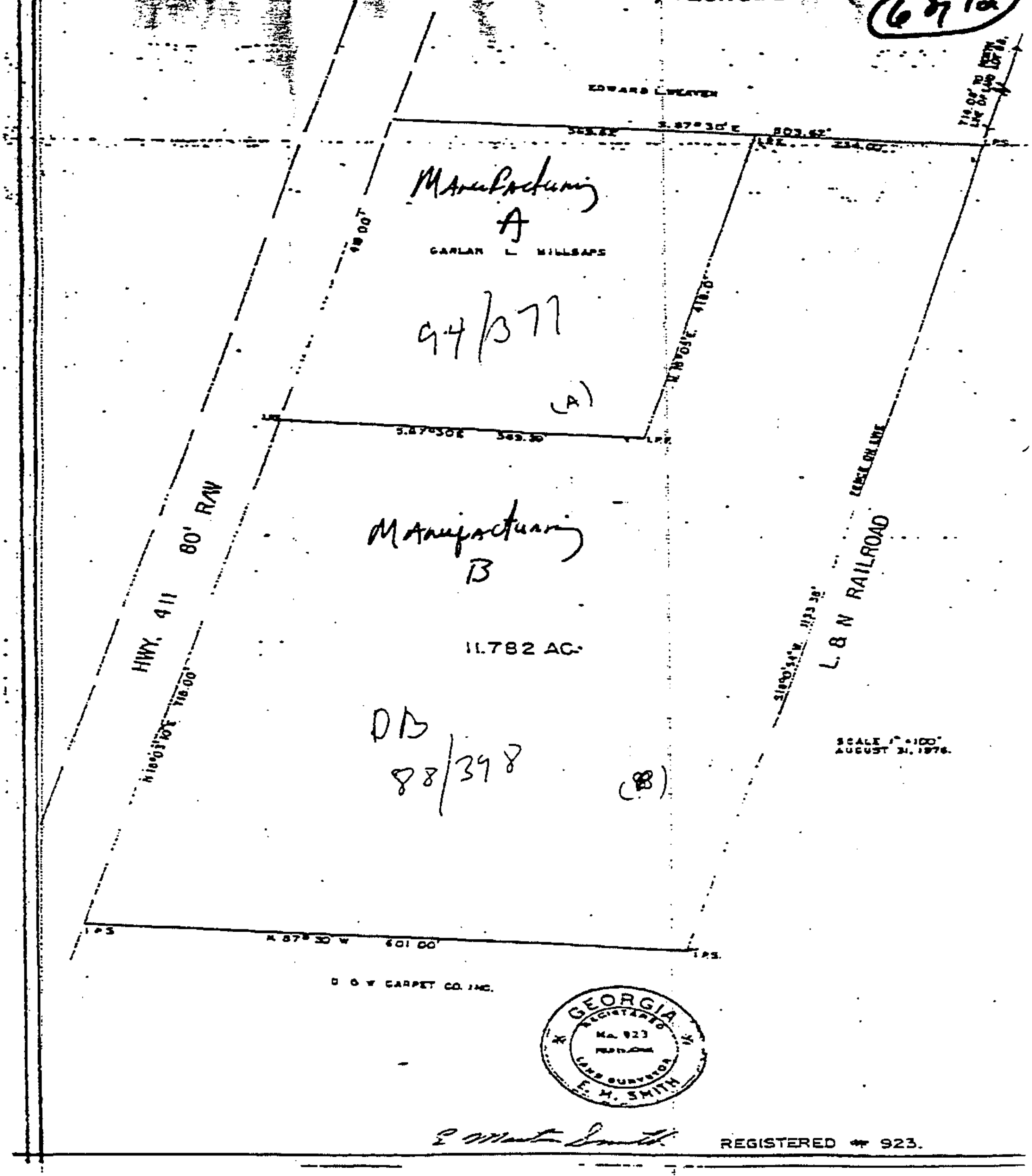
CARADON INDUSTRIES

Caradon Industries, Inc. - 5/11/78 to Present
Lloyd Realty, Inc. - 4/21/72 to 5/11/78
Charles W. Poag, W. Clyde Long, William L. Elrod, Billy Brindle
and W. Frank Brindle - 12/30/67 to 4/21/72
Charles W. Poag - 12/12/67 to 12/30/67
Marguerite Keith Raper, Lennie L. Keith, Amos L. Keith, Jr.,
and A. L. Keith - 2/7/03 to 12/12/67

DISTRIBUTION PARCEL 4 AND 6

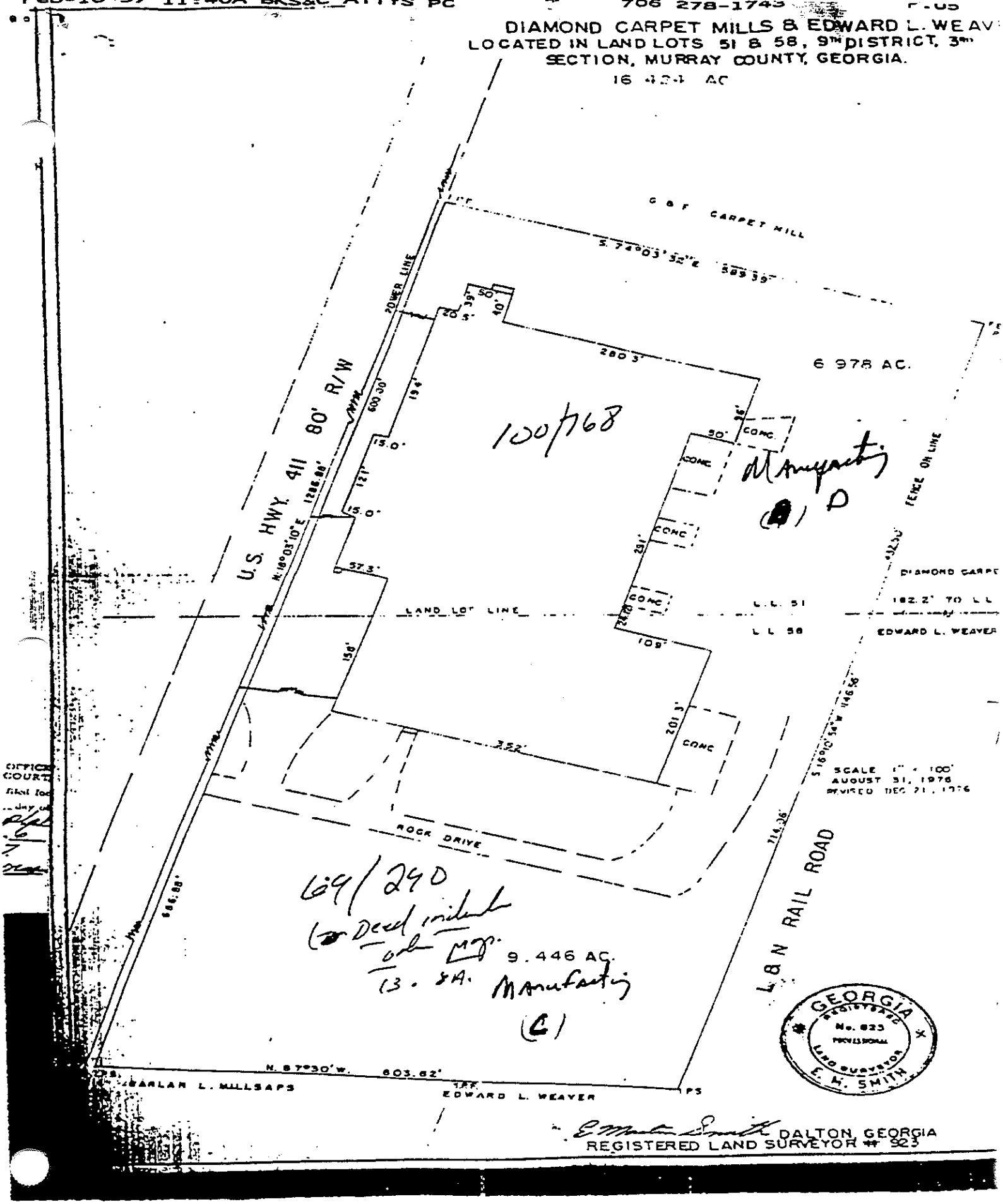
Edward L. Weaver - 9/23/76 to Present
Lehigh Portland Cement Co. - 10/6/70 to 9/23/76
Trinity Carpets, Inc. - 5/16/69 to 10/6/70
Charles N. Poag, W. Clyde Long, William L. Elrod
and Billy Brindle - 12/30/67 to 5/16/69
Charles N. Poag - 12/12/67 to 12/30/67
Marguerite Keith Raper, Lennie L. Keith, Amos L. Keith, Jr.,
Bobby C. Keith - 2/7/03 to 12/12/67
A. L. Keith

IN LAND LOT 58, 9TH DISTRICT, 3RD SECTION,
MURRAY COUNTY, GEORGIA

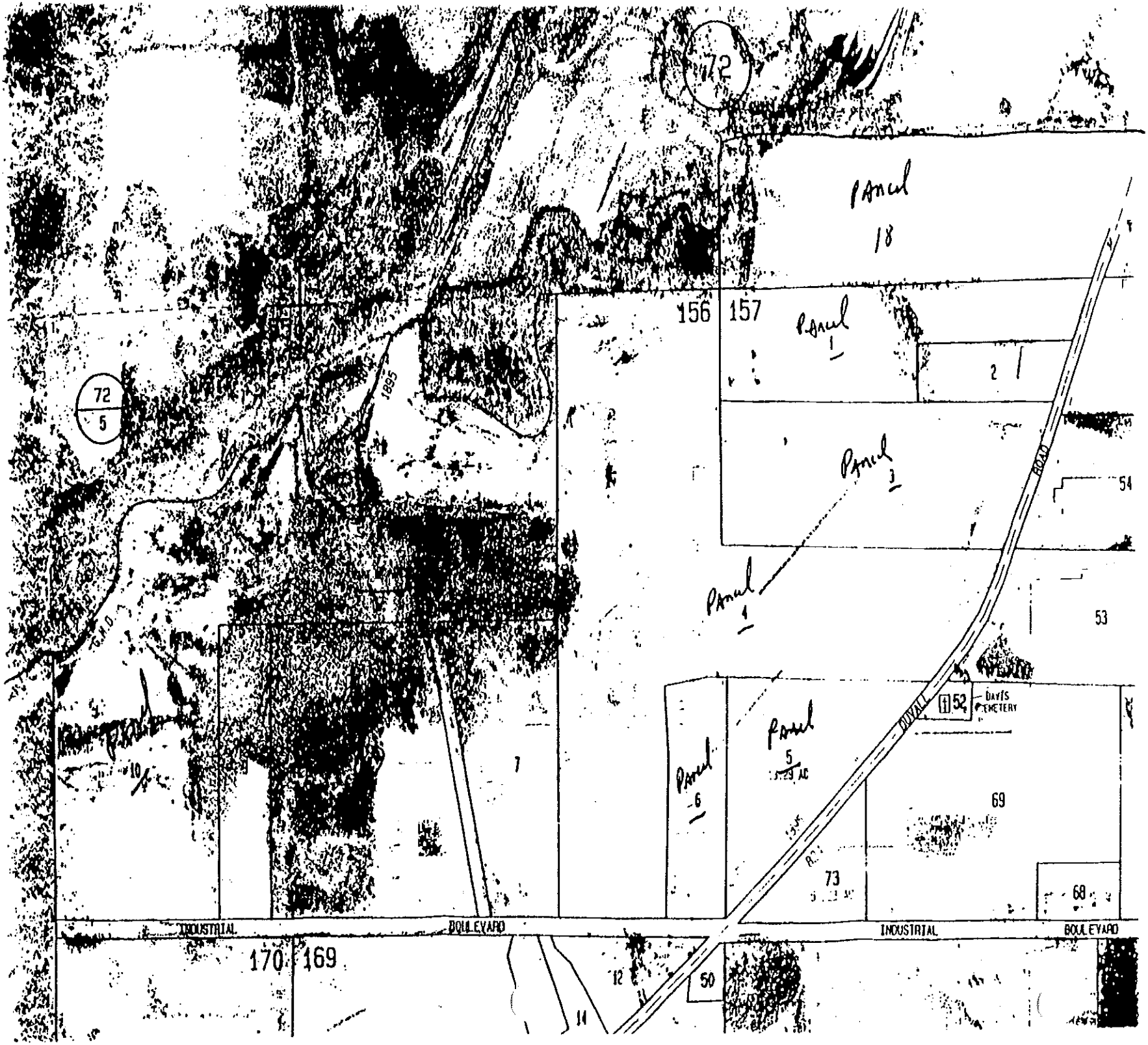


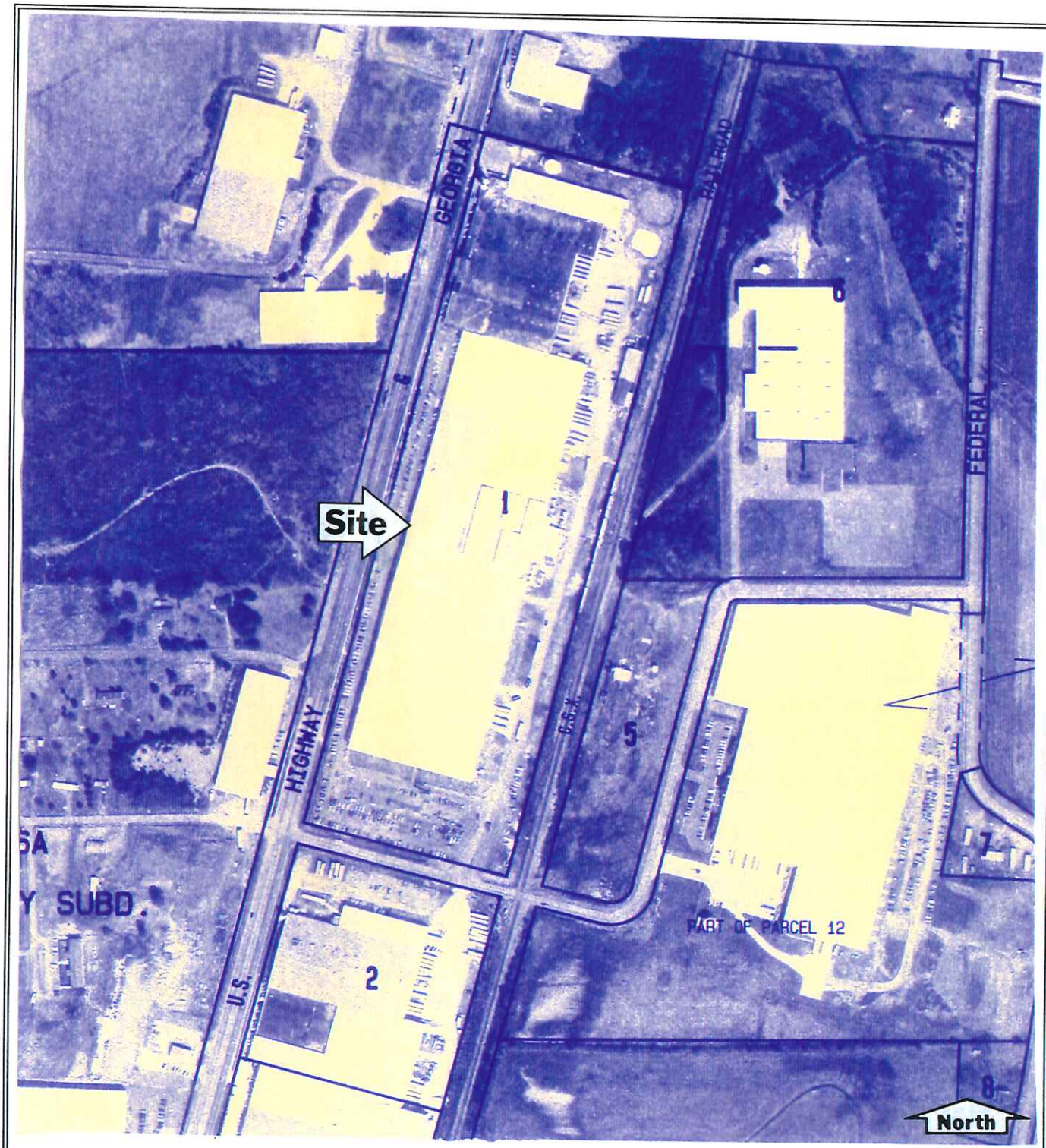
REGISTERED # 923.

DIAMOND CARPET MILLS & EDWARD L. WEAV
LOCATED IN LAND LOTS 51 & 58, 9TH DISTRICT, 3RD
SECTION, MURRAY COUNTY, GEORGIA.
16 42.1 AC

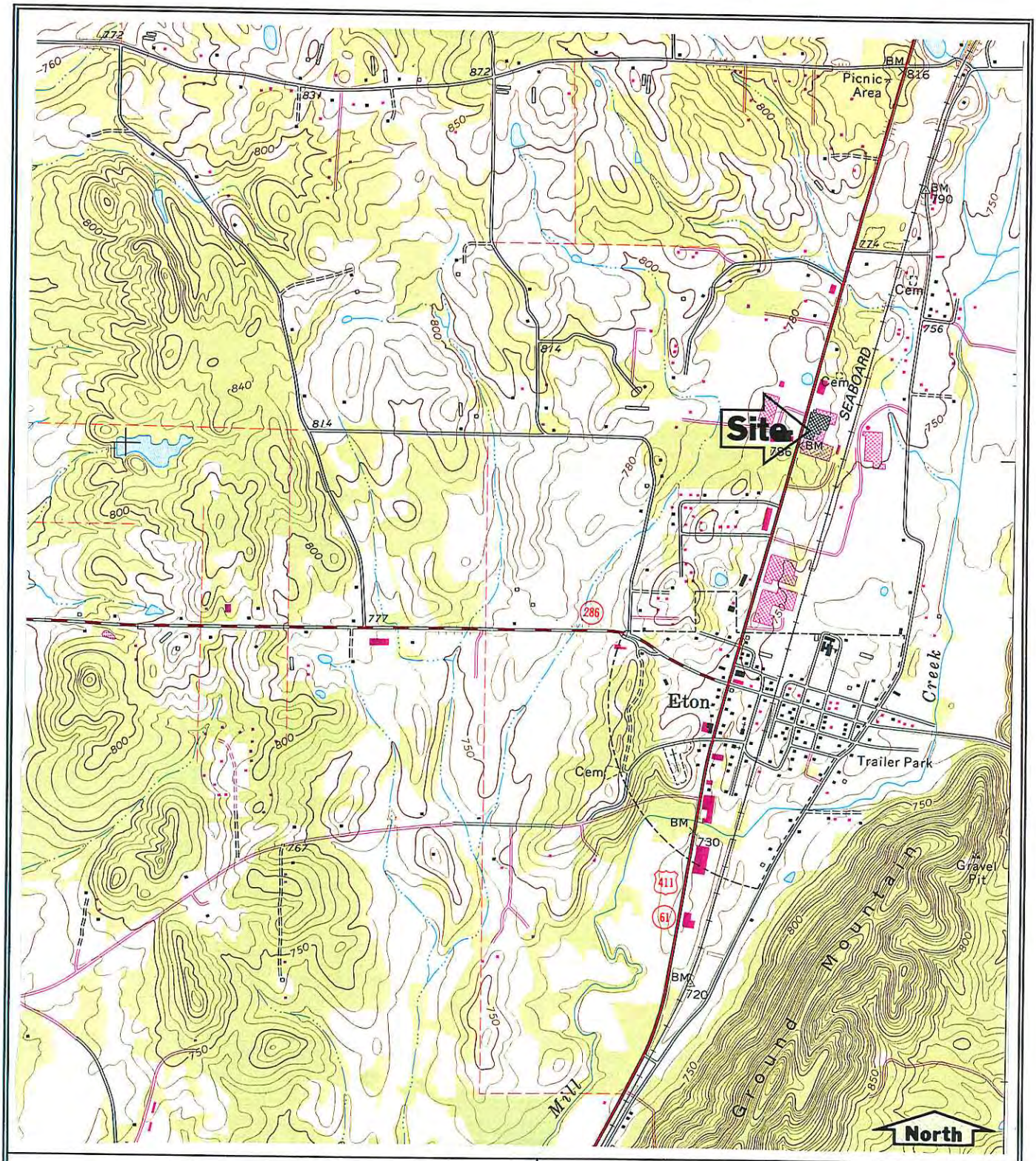


E. M. Smith DALTON, GEORGIA
REGISTERED LAND SURVEYOR # 823

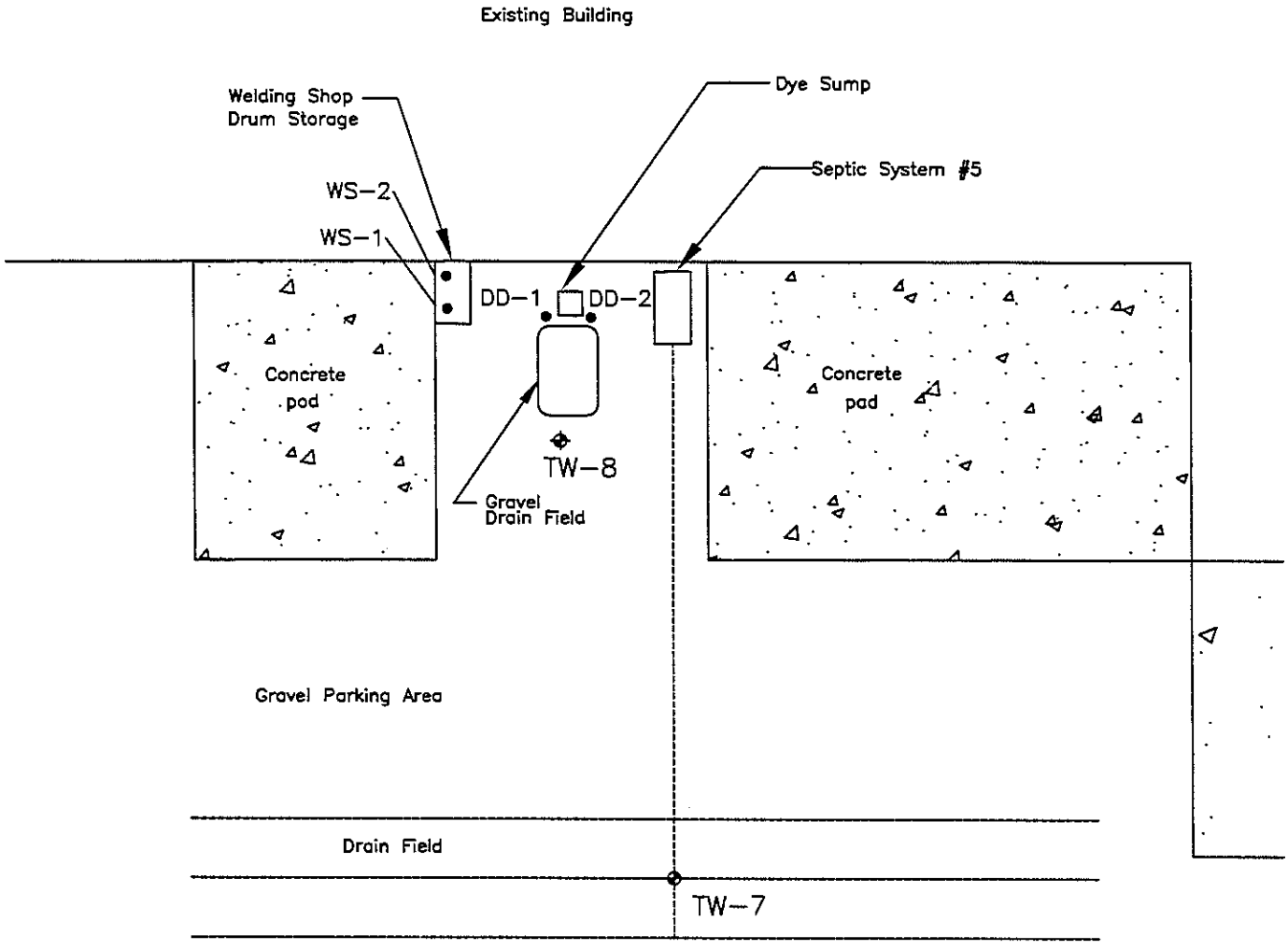

72
Parcel
18
156
157
Parcel
1
2
72
5
1895
Parcel
3
54
Parcel
1
53
52
DAVIS
CEMETERY
Parcel
5
5.29 AC
Parcel
6
69
73
68
INDUSTRIAL
BOULEVARD
INDUSTRIAL
BOULEVARD
170
169
12
50
11



DIAMOND RUG AND CARPET MILLS, INC. ETON PLANT ETON, GEORGIA	Atlanta Environmental Management, Inc. 2580 Northeast Expressway Atlanta, Georgia 30345
Date: April 1997	ATTACHMENT E AERIAL PHOTOGRAPH (1992)



DIAMOND RUG AND CARPET MILLS, INC. ETON PLANT ETON, GEORGIA	Atlanta Environmental Management, Inc. 2580 Northeast Expressway Atlanta, Georgia 30345
Date: April 1997	ATTACHMENT F U.S.G.S. QUADRANGLE MAP



LEGEND

- Temporory Well Location
- Soil Boring Location

Diamond Rug and Carpet Mills, Inc.
Eton Plant
Eton, Georgia

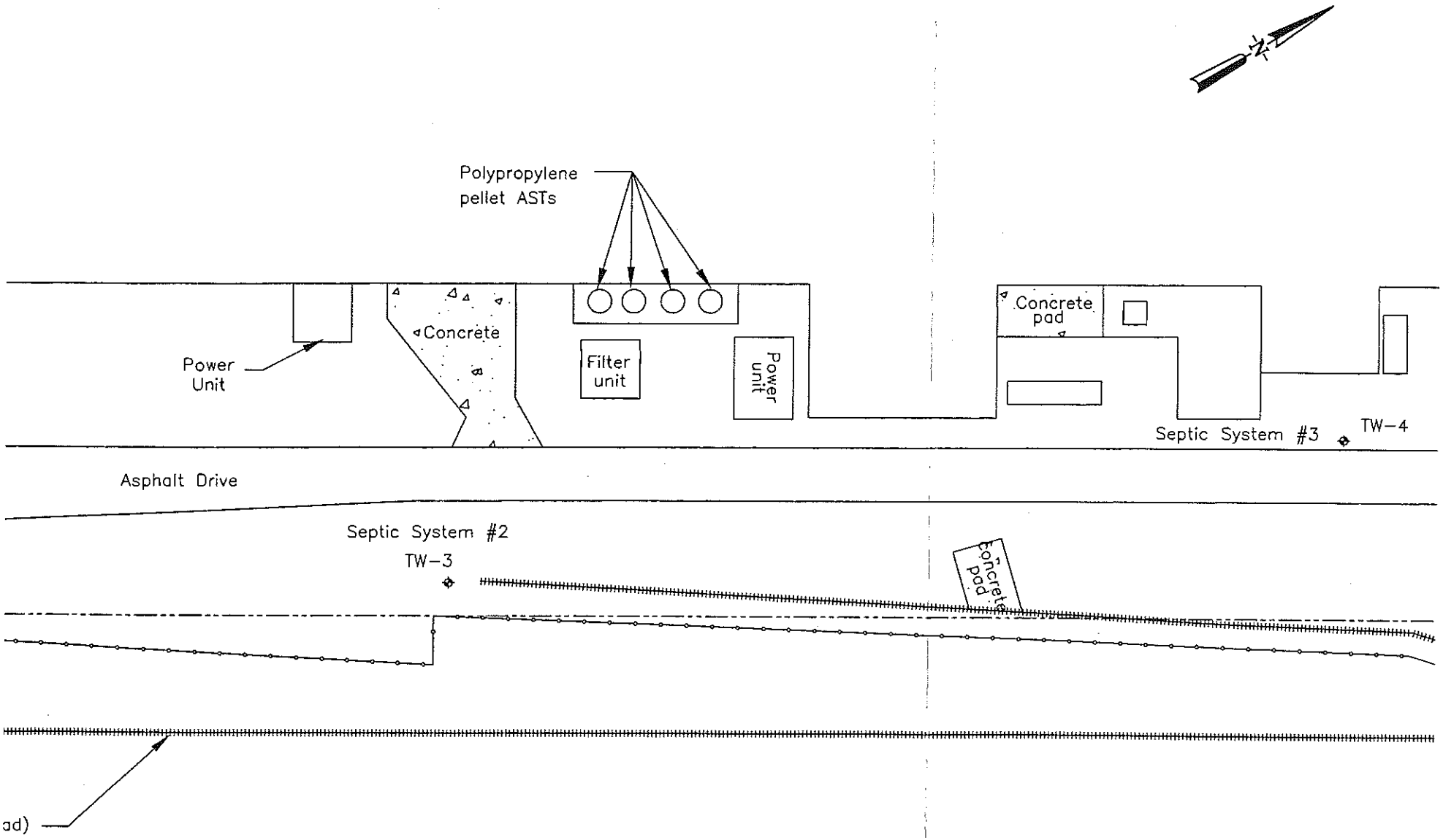
AEM
ATLANTA ENVIRONMENTAL MANAGEMENT, INC.
2580 N. E. EXPRESSWAY ATLANTA , GEORGIA 30345
TEL:(404) 329-9006 - FAX:(404) 329-2057

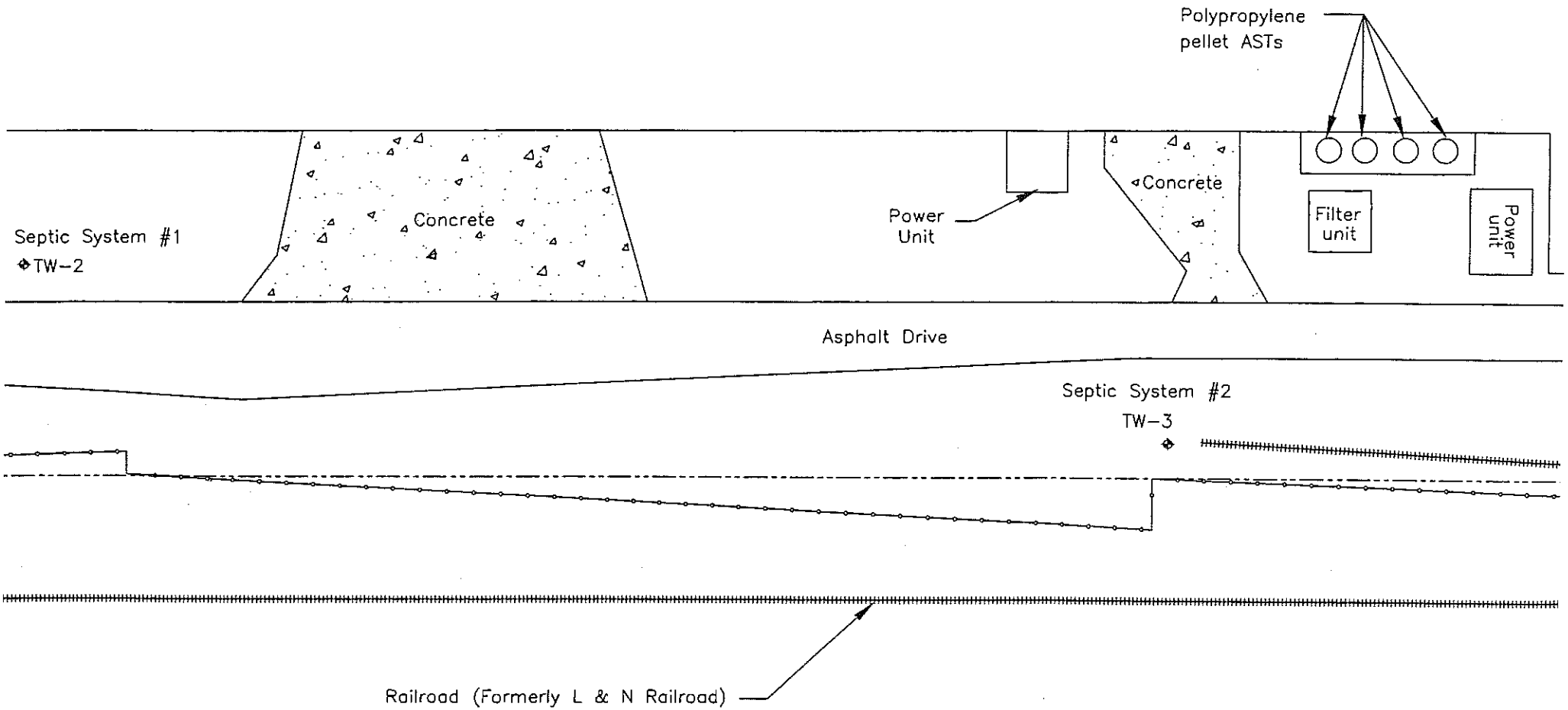
PROJECT #:	DRAWN BY:
790-02	TL
SCALE:	DATE:
1" = 30'	April 16,1997

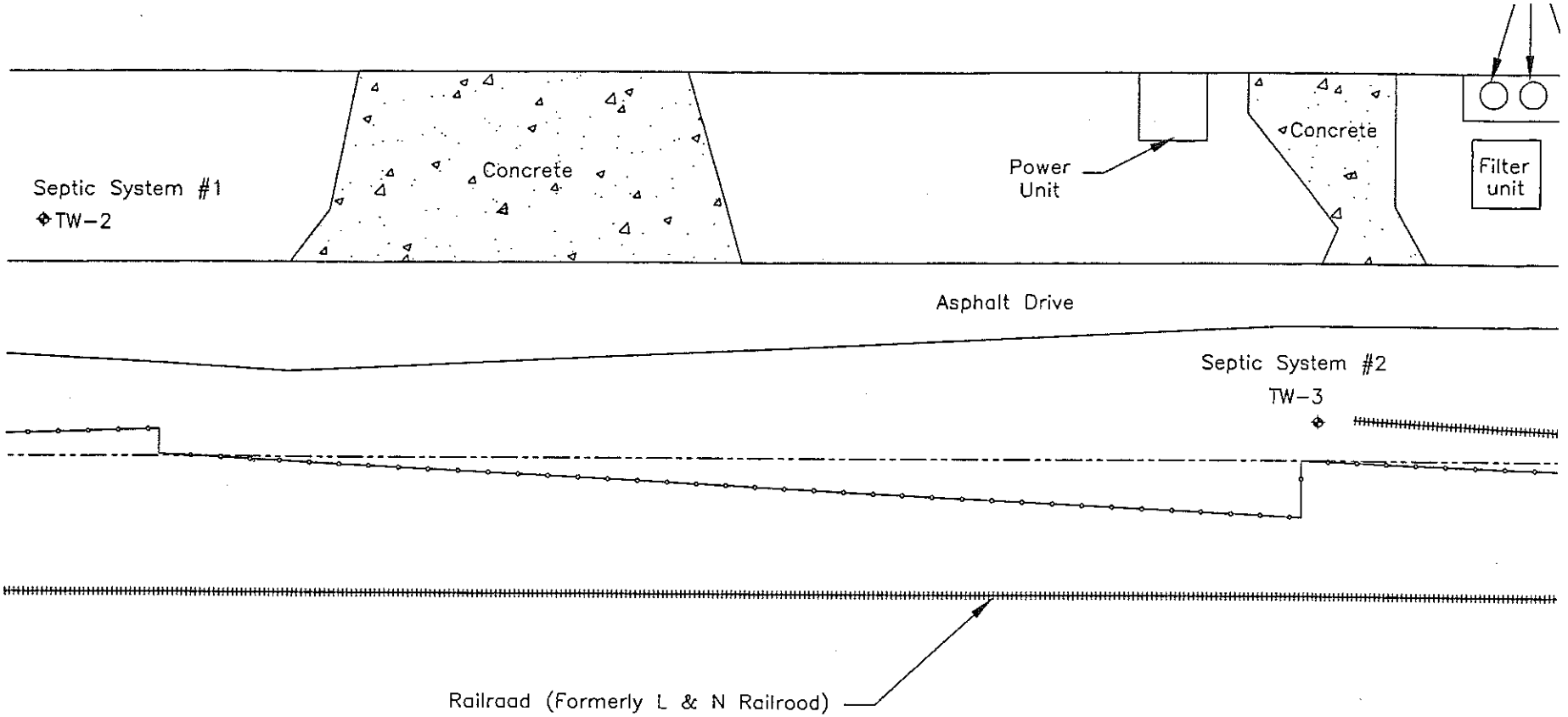
Dye Sump Discharge Area,
Welding Shop Oil Impacts,
and Trailor Lot Septic System (#5)

d:\dwg\790-02\figure1.dwg

FIGURE
1


Polypropylene
pellet ASTs
Concrete
Power
Unit
Filter
unit
Power
unit
Concrete
pad
Septic System #3
TW-4
Asphalt Drive
Septic System #2
TW-3
Concrete
pad
ad)


Polypropylene
pellet ASTs
Septic System #1
TW-2
Concrete
Power
Unit
Concrete
Filter
unit
Power
unit
Asphalt Drive
Septic System #2
TW-3
Railroad (Formerly L & N Railroad)

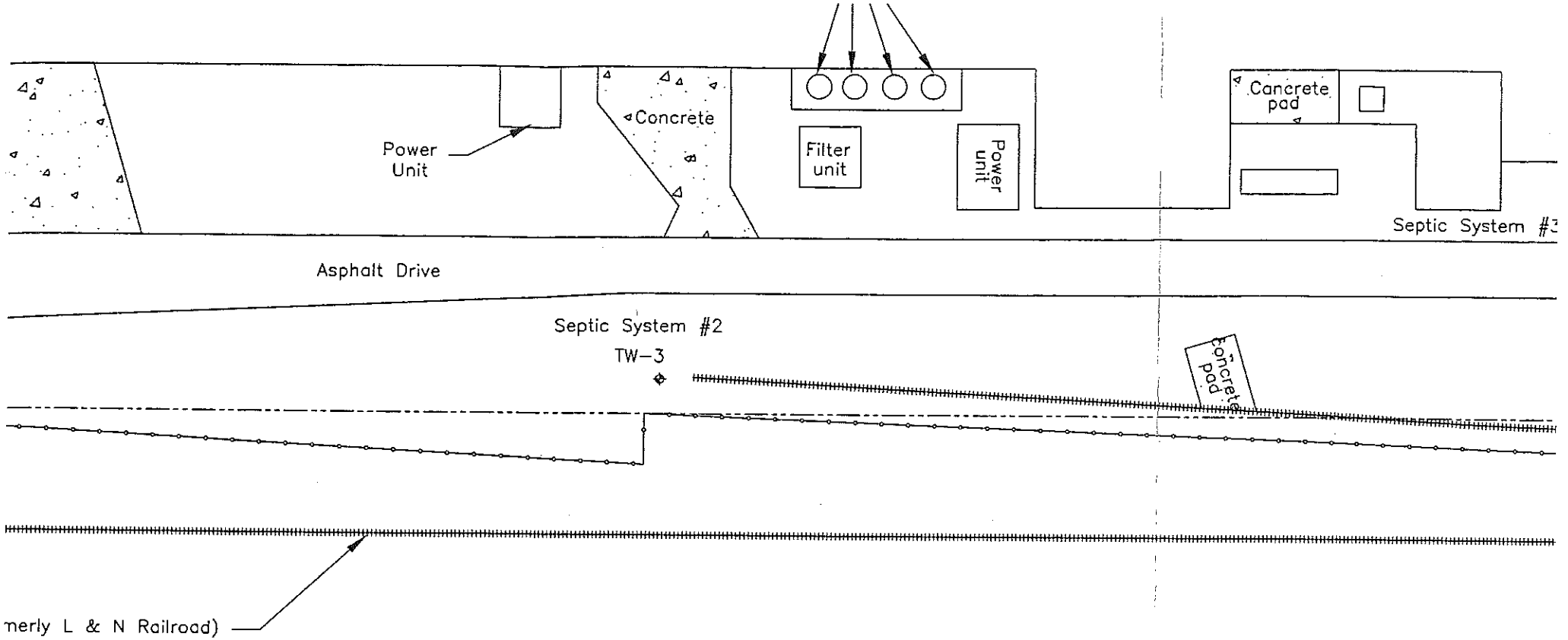


LEGEND

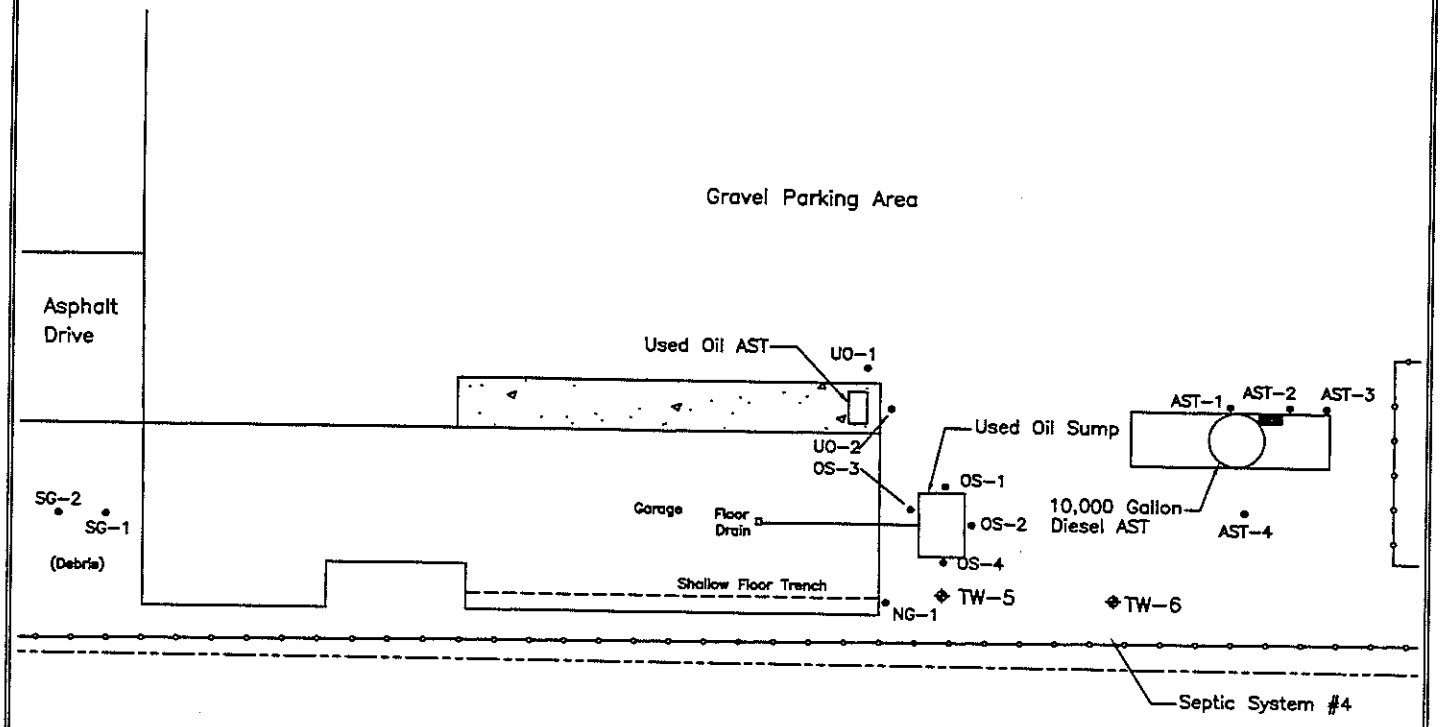
◆ Temporary Well Location

Diamond Rug and C
Eton Pl
Eton, Geo

PROJECT #:	D
790-02	
SCALE:	D
NTS	



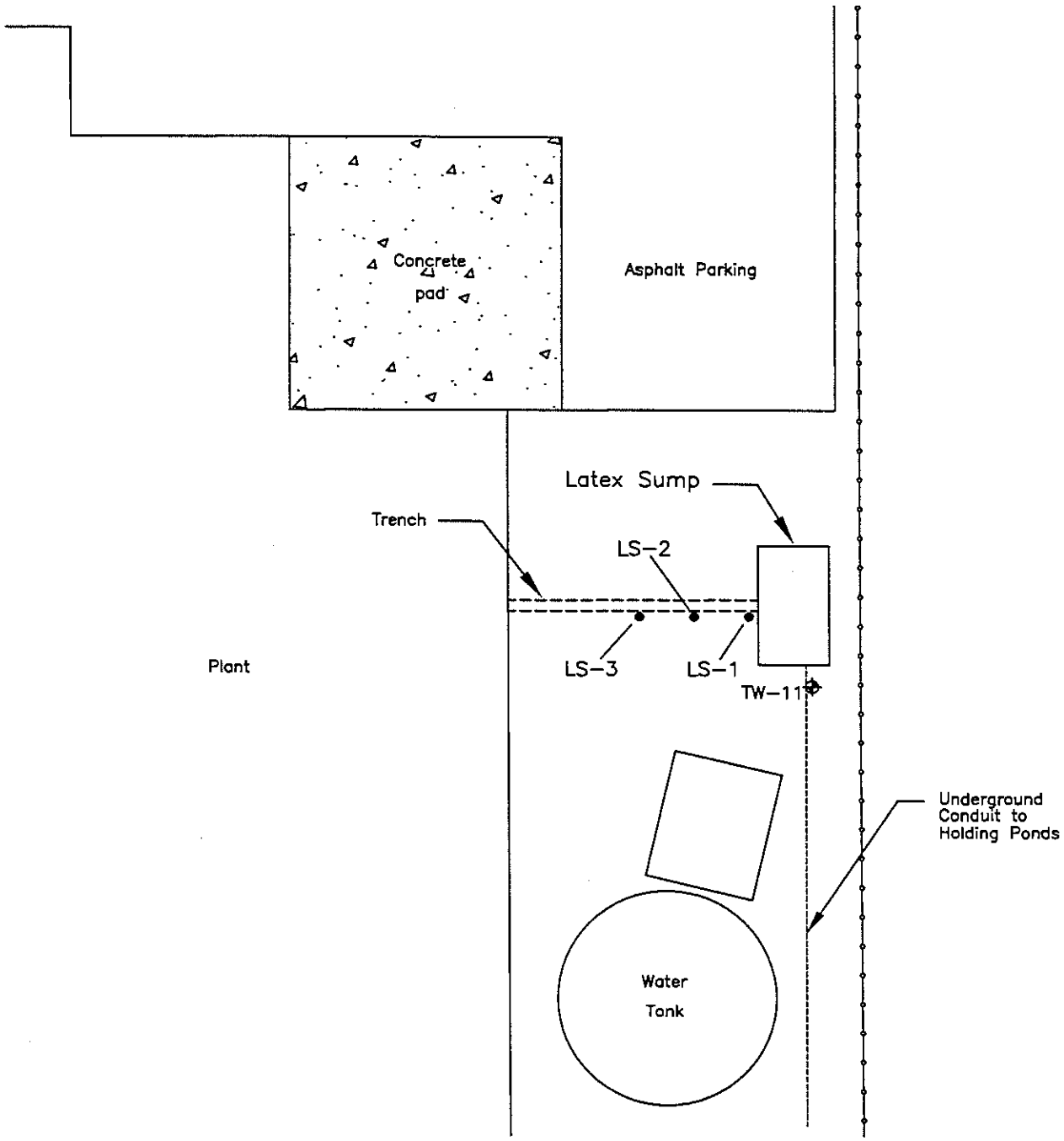
Diamond Rug and Carpet Mills, Inc. Eton Plant Eton, Georgia		AEM ATLANTA ENVIRONMENTAL M 2580 N. E. EXPRESSWAY ATLANT TEL:(404) 329-9006 - F
PROJECT #: 790-02	DRAWN BY: Septic System (#3)	Railroad Spur Septic System (#2) and Air Compressor Room
SCALE: NTS	DATE: April 17, 1997	d:\dwg\790-02\figure2.dwg



LEGEND

- ⌖ Temporary Well Location
- • Soil Boring Location

Diamond Rug and Carpet Mills, Inc. Eton Plant Eton, Georgia	AEM ATLANTA ENVIRONMENTAL MANAGEMENT, INC. 2580 N. E. EXPRESSWAY ATLANTA , GEORGIA 30345 TEL:(404) 329-9006 – FAX:(404) 329-2057	
PROJECT #: 790-02	DRAWN BY: TL	Garage Septic System (#4), Used Oil AST, Used Oil Sump and Diesel AST Area
SCALE: NTS	DATE: April 16,1997	FIGURE 3
	d:\dwg\790-02\figure3.dwg	



LEGEND

- Temporary Well Location
- Soil Boring Location

Diamond Rug and Carpet Mills, Inc
Eton Plant
Eton, Georgia

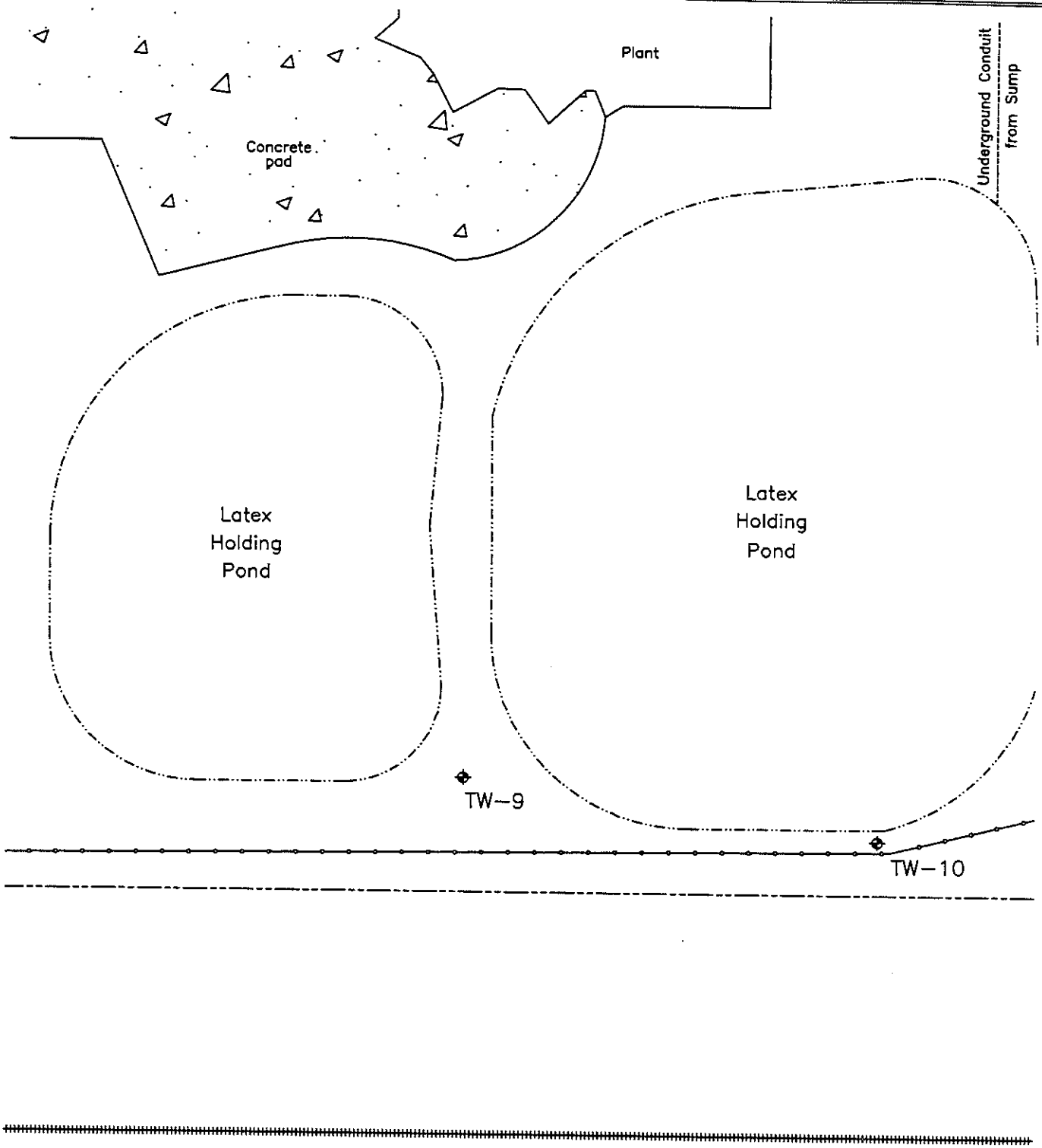
AEM
ATLANTA ENVIRONMENTAL MANAGEMENT, INC.
2580 N. E. EXPRESSWAY ATLANTA , GEORGIA 30345
TEL:(404) 329-9006 - FAX:(404) 329-2057

PROJECT #:	DRAWN BY:
790-02	TL
SCALE:	DATE:
1" = 30'	April 16, 1997

Latex Sump Area

d:\dwg\790-02\figure4.dwg

FIGURE 4



LEGEND

◆ Temporary Well Location

Diamond Rug and Carpet Mills, Inc Eton Plant Eton, Georgia	AEM ATLANTA ENVIRONMENTAL MANAGEMENT, INC. 2580 N. E. EXPRESSWAY ATLANTA , GEORGIA 30345 TEL:(404) 329-9006 – FAX:(404) 329-2057
PROJECT #: 790-02 / DRAWN BY: TL	Latex Holding Pond Area
SCALE: 1" = 30' / DATE: April 16, 1997	d:\dwg\790-02\figure5.dwg
	FIGURE 5

TABLE 1

PHOTO-IONIZATION DETECTOR (PID) RESULTS
FOR SOIL SAMPLES

DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

Area	Sample Number	Sample Interval (feet)	PID Reading (ppm)
Gasoline UST	UST-1	2-3	<2,500
	UST-1	5-7	110
	UST-1	10-12	2,200
	UST-2	2-4	52
	UST-2	5-7	44
	UST-2	10-12	88
	UST-3	2-4	1.1
Vehicle Maintenance Garage	SG-1	0-2	>2,500
	SG-1	4-6	108
	SG-1	8-10	6.6
	UO-1	0-2	7.0
	UO-1	4-6	7.2
	UO-1	8-10	6.0
	UO-2	0-2	1.3
	UO-2	4-6	2.0
	UO-2	8-10	2.3
	NG-1	1	5.4
	NG-1	3	6.0
Oil Sump	OS-1	0-2	1.3
	OS-1	4-6	6.7
	OS-1	8-10	8.3
	OS-2	4-6	30
	OS-2	8-10	22.5
	OS-3	4-5	13.2
	OS-3	8-10	16.5
	OS-4	4-6	1,200
	OS-4	8-10	90.5
Diesel AST	AST-1	2-4	4.8
	AST-1	6-8	4.7
	AST-2	2-4	3.1
	AST-2	6-8	5.4
	AST-3	2-4	4.1
	AST-3	6-8	4.2
	AST-4	2-4	6.5
	AST-4	6-8	4.9

TABLE 1 (CONTINUED)

PHOTO-IONIZATION DETECTOR (PID) RESULTS
FOR SOIL SAMPLES

DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

Area	Sample Number	Sample Interval (feet)	PID Reading (ppm)
Oil Staining Outside Welding Shop	WS-1	1-3	7.4
	WS-1	4-6	10.7
	WS-1	8-10	6.2
	WS-2	1-3	5.0
	WS-2	4-6	16.2
	WS-2	8-10	18.6
Dye Discharge Sump	DD-1	1-3	8.5
	DD-1	4-6	21.7
	DD-1	8-10	38
	DD-2	1-2	110
	DD-2	4-6	170
	DD-2	8-10	53
Latex Sump	LS-1	2-4	107
	LS-2	2-4	73
	LS-3	2-4	83

TABLE 2

TEMPORARY WELL CONSTRUCTION SPECIFICATIONS

DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

Well Number	Well Location	Well Depth (ft TOC)	Screen interval (ft bgs)	Sand Pack (ft bgs)	Bentonite Seal (ft bgs)	Water Level (ft TOC)
TW-1	Gasoline UST	34.0	23.5-33.5	21-34	19-21	21.13
TW-2	SE Septic Tank	35.2	21-31	19-31.5	17-19	26.67
TW-3	Railroad Spur Septic Tank	30.2	18-28	16-30	14-16	22.98
TW-4	Air Compressor Septic Tank	31.0	20.5-30.5	18-31	16-18	25.92
TW-5	Oil Sump	35.2	23-33	21-23	19-21	18.65
TW-6	Garage Septic Tank	35.2	23-33	21-23	19-21	18.07
TW-7	East Trailer Lot Septic Tank	33.1	23-33	21-33.5	16-21	21.55
TW-8	Dye Discharge Sump	34.0	23-33	21.5-34.5	16.5-21.5	14.75
TW-9	South Latex Lagoon	44.2	32.2-42.2	30-43	25-30	21.36
TW-10	North Latex Lagoon	38.5	26-36	24-37	20-24	20.13
TW-11	Latex Sump	25.25	12.75-22.75	10-23.5	8-10	14.55

TOC = Top of Casing

TABLE 3

SOIL ANALYTICAL RESULTS
DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

ge	Oil Sump Area				Welding Shop Area		Dye Discharge Area		Latex Sump Area			Diesel AST Area			
NG-1 (1 ft)	OS-1 (8-10 ft)	OS-2 (4-6 ft)	OS-3 (8-10 ft)	OS-4 (4-6 ft)	WS-1 (4-6 ft)	WS-2 (4-6 ft)	DD-1 (8-10 ft)	DD-2 (4-6 ft)	LS-1 (2-4 ft)	LS-2 (2-4 ft)	LS-3 (2-4 ft)	AST-1 (2-4 ft)	AST-2 (2-4 ft)	AST-3 (2-4 ft)	AST-4 (2-4 ft)
<50	<50	<50	59	63	<50	<50	<50	<50	<50	<50	<50	NA	NA	NA	NA
<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA
<5	<5	<5	18	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA
<5	<5	<5	<5	<5	<5	<5	<5	10	<5	<5	<5	NA	NA	NA	NA
<5	<5	<5	8	<5	<5	<5	<5	11	<5	<5	<5	NA	NA	NA	NA
<5	<5	<5	40	7	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA
<5	10	9	97	24	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<330	<330	<330	<330
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<10	2,000	2,300	2,100	<10	<10	<10	<10	<10	NA	NA	NA	<10	<10	<10	<10
<5	NA	NA	NA	NA	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA
12	NA	NA	NA	NA	NA	NA	39	340	NA	NA	NA	NA	NA	NA	NA
<0.5	NA	NA	NA	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
22	NA	NA	NA	NA	NA	NA	18	21	NA	NA	NA	NA	NA	NA	NA
8.5	NA	NA	NA	NA	NA	NA	45	71	NA	NA	NA	NA	NA	NA	NA
<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
10	NA	NA	NA	NA	NA	NA	10	7.6	NA	NA	NA	NA	NA	NA	NA
<5	NA	NA	NA	NA	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA

TABLE 3

SOIL ANALYTICAL RESULTS
DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

	Gasoline UST Area			Soil Impacted Outside Garage					Oil Sump Area				Welding Shop Area		Dye Discharge Area	
	UST-1 (10-12 ft)	UST-2 (10-12 ft)	UST-3 (2-4 ft)	SG-1 (0-2 ft)	SG-2 (4-6 ft)	UO-1 (0-2 ft)	UO-2 (0-2 ft)	NG-1 (1 ft)	OS-1 (8-10 ft)	OS-2 (4-6 ft)	OS-3 (8-10 ft)	OS-4 (4-6 ft)	WS-1 (4-6 ft)	WS-2 (4-6 ft)	DD-1 (8-10 ft)	DD-2 (4-6 ft)
	NA	NA	NA	<2,500	<50	NA	NA	<50	<50	<50	59	63	<50	<50	<50	<50
	4,100	18	<5	<250	<5	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5
	8,300	12	<5	<250	<5	NA	NA	<5	<5	<5	18	<5	<5	<5	<5	<5
	NA	NA	NA	<250	<5	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5	10
	NA	NA	NA	<250	<5	NA	NA	<5	<5	<5	8	<5	<5	<5	<5	11
	4,000	14	<5	<250	<5	NA	NA	<5	<5	<5	40	7	<5	<5	<5	<5
	24,000	52	<5	<2,500	<5	NA	NA	<5	10	9	97	24	<5	<5	<5	<5
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	21,000	11	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	1,400	<10	14	<10	<10	2,000	2,300	2,100	<10	<10	<10	<10	<10
g)																
	NA	NA	NA	<5	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	<5.0	<5.0
	NA	NA	NA	29	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	39	340
	NA	NA	NA	<0.5	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	<0.5	<0.5
	NA	NA	NA	21	NA	NA	NA	22	NA	NA	NA	NA	NA	NA	18	21
	NA	NA	NA	9.5	NA	NA	NA	8.5	NA	NA	NA	NA	NA	NA	45	71
	NA	NA	NA	<0.50	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50
	NA	NA	NA	15	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	10	7.6
	NA	NA	NA	<5	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	<5.0	<5.0

ients detected are summarized (Method 8260).

TABLE 4

GROUNDWATER ANALYTICAL RESULTS
DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

TW-3	TW-4	TW-5	TW-6	TW-7	TW-8	TW-9	TW-10	TW-11
<5	**9**	**65**	<5	<5	<5	<5	<5	<5
<5	<5	<5	<5	**20**	**37**	<5	<5	<5
<5	<5	<5	<5	<5	**47**	<5	<5	<5
<5	<5	<5	<5	**29**	**310**	<5	<5	<5
<5	<5	<5	<5	<5	**54**	<5	<5	<5
<5	<5	<5	<5	<5	**14**	<5	<5	<5
<5	<5	**59**	<5	<5	<5	<5	<5	<5
<10	<10	**6**	<10	<10	<10	<10	<10	<10
<10	<10	**5**	<10	<10	<10	<10	<10	<10
<10	<10	7	<10	<10	<10	<10	<10	<10
<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
0.16	<0.050	<0.050	<0.050	<0.050	<0.050	<0.50	<0.50	**0.24**
<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

i (VOC Method 8260).

summarized (Method 8270).

TW-2 - Southeast Building Septic System (#1) Well

TABLE 4

GROUNDWATER ANALYTICAL RESULTS
DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

Parameter	TW-1[2]	TW-2	TW-3	TW-4	TW-5	TW-6	TW-7	
s (µg/l)[1]								
zene	**22**	<5	<5	**9**	**65**	<5	<5	
-Dichloroethane	NA	<5	<5	<5	<5	<5	**20**	
-1,2-Dichloroethene	NA	<5	<5	<5	<5	<5	<5	
rachloroethene	NA	<5	<5	<5	<5	<5	**29**	
,1-Trichloroethane	NA	<5	<5	<5	<5	<5	<5	
chloroethene	NA	<5	<5	<5	<5	<5	<5	
enes	<1	<5	<5	<5	**59**	<5	<5	
Cs and PAHs (µg/l)[3]								
ethylnaphthalene	NA	<10	<10	<10	**6**	<10	<10	
ethylnaphthalene	NA	<10	<10	<10	**5**	<10	<10	
hthalene	NA	<10	<10	<10	7	<10	<10	
OLVED RCRA METALS (mg/l)								
enic	NA	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<
ium	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
mium	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<
omium	NA	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<
d	NA	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<
cury	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<
enium	NA	**0.066**	**0.16**	<0.050	<0.050	<0.050	<0.050	<
ver	NA	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<

-y the VOC constituents detected are summarized (VOC Method 8260).
EX analysis (Method 8020)
-y the SVOC and PAH constituents detected are summarized (Method 8270).

Not Analyzed

GASOLINE UST

8295

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30071, Phone (770) 449-8800

FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client:	Atlanta Environmental Mgt.	Client Sample ID: TW-1	Date Sampled: 03/07/97
Client Contact:	TONY GORDON	Lab Sample ID: AB14672	Date Received: 03/07/97
Client Proj No:	791-01	Lab Project# 12281	Date Reported: 03/13/97
Client Proj Name:	MOHAWK/DIAMOND ETON		Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
BTEX REPORT						
Benzene	03/11/97	PVR	SW846 8020	1	22	ug/L
Toluene	03/11/97	PVR	SW846 8020	1	Not detected	ug/L
Ethyl benzene	03/11/97	PVR	SW846 8020	1	Not detected	ug/L
Xylenes	03/11/97	PVR	SW846 8020	1	Not detected	ug/L
BTEX QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/11/97	PVR	SW846 8020		92 %	ug/L
4-Bromofluorobenzene (Surrogate)	03/11/97	PVR	SW846 8020		87 %	ug/L

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LABORATORY REPORT

Atlanta Environmental Mgt.	Client Sample ID: UST-1, 10-12'	Date Sampled:	02/24/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14397	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/13/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
BTEX REPORT						
Benzene	03/06/97	PVR	SW846-8020	100	4,100	ug/Kg
Toluene	03/06/97	PVR	SW846-8020	100	4,000	ug/Kg
Ethyl benzene	03/06/97	PVR	SW846-8020	100	8,300	ug/Kg
Xylenes	03/06/97	PVR	SW846-8020	100	24,000	ug/Kg
BTEX QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		208 %	ug/Kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		108 %	ug/Kg
Gasoline Range Organics	03/07/97	PVR	SW846 8015	1000	21,000	mg/kg
TPH (GRO) QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/07/97	PVR	SW846 8015		139 %	mg/kg
4-Bromofluorobenzene (Surrogate)	03/07/97	PVR	SW846 8015		118 %	mg/kg

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LABORATORY REPORT

C . Atlanta Environmental Mgt.
Client Sample ID: UST-2, 10-12'
Date Sampled: 02/24/97

Client Contact: TONY GORDON/ MARK POTTS
Lab Sample ID: AB14400
Date Received: 02/28/97

Client Proj No: 790-01
Lab Project# 12228
Date Reported: 03/13/97

Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
BTEX REPORT						
Benzene	03/06/97	PVR	SW846-8020	5	18	ug/Kg
Toluene	03/06/97	PVR	SW846-8020	5	14	ug/Kg
Ethyl benzene	03/06/97	PVR	SW846-8020	5	12	ug/Kg
Xylenes	03/06/97	PVR	SW846-8020	5	52	ug/Kg
BTEX QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		85 %	ug/Kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		97 %	ug/Kg
Gasoline Range Organics	03/06/97	PVR	SW846 8015	10	11	mg/kg
TPH (GRO) QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846 8015		91 %	mg/kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846 8015		90 %	mg/kg

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LABORATORY REPORT

Client:	Atlanta Environmental Mgt.	Client Sample ID: UST-3, 2-4'	Date Sampled: 02/24/97
Client Contact:	TONY GORDON/ MARK POTTS	Lab Sample ID: AB14444	Date Received: 02/28/97
Client Proj No:	790-01	Lab Project# 12228	Date Reported: 03/13/97
Client Proj Name:	ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
BTEX REPORT						
Benzene	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
Toluene	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
Ethyl benzene	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
Xylenes	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
BTEX QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		90 %	ug/Kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		83 %	ug/Kg
Gasoline Range Organics	03/06/97	PVR	SW846 8015	10	Not detected	mg/kg
TPH (GRO) QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846 8015		88 %	mg/kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846 8015		65 %	mg/kg

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MAINTENANCE GARAGE AREA

8295

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LABORATORY REPORT

C... : Atlanta Environmental Mgt.	Client Sample ID: SG-1, 0-2'	Date Sampled:	02/24/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14401	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/05/97	SD	EPA 418.1	200	1,400	mg/Kg
RCRA METALS REPORT						
Arsenic	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Barium	03/05/97	SCH	SW846 6010A	5.0	29	mg/Kg
Cadmium	03/05/97	SCH	SW846 6010A	0.5	Not detected	mg/Kg
Chromium	03/05/97	SCH	SW846 6010A	5.0	21	mg/Kg
Lead	03/05/97	SCH	SW846 6010A	5.0	9.5	mg/Kg
Mercury	03/04/97	HLD	SW846 7471A	0.50	Not detected	mg/Kg
Selenium	03/05/97	SCH	SW846 6010A	5.0	15	mg/Kg
Silver	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/07/97	DJ	SW846-8260	2500	Not detected	ug/Kg
Benzene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Bromodichloromethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Bromoform	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Bromomethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
2 ...one (MEK)	03/07/97	DJ	SW846-8260	2500	Not detected	ug/Kg
Ca...on disulfide	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Carbon tetrachloride	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Chlorobenzene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Chloroethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/07/97	DJ	SW846-8260	2500	Not detected	ug/Kg
Chloroform	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Chloromethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Dibromochloromethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,2-Dichlorobenzene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,3-Dichlorobenzene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,4-Dichlorobenzene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,1-Dichloroethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,2-Dicbloroethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,1-Dichloroethene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,2-Dichloropropane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Ethylbenzene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
2-Hexanone	03/07/97	DJ	SW846-8260	2500	Not detected	ug/Kg
Methylene chloride	03/07/97	DJ	SW846-8260	500	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/07/97	DJ	SW846-8260	2500	Not detected	ug/Kg
Styrene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Tethrachloroethene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
T...ne	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1 ...richloroethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
1,1,2-Trichloroethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Trichloroethene	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg
Trichlorofluoromethane	03/07/97	DJ	SW846-8260	250	Not detected	ug/Kg

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON/ MARK POTTS
Client Proj No: 790-01
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)

Client Sample ID: SG-1, 0-2'
Lab Sample ID: AB14401
Lab Project# 12228

Date Sampled: 02/24/97
Date Received: 02/28/97
Date Reported: 03/11/97
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Vinyl acetate	03/07/97	DJ	SW846-8260	500	Not detected	ug/Kg
Vinyl chloride	03/07/97	DJ	SW846-8260	100	Not detected	ug/Kg
Xylenes (Total)	03/07/97	DJ	SW846-8260	2500	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/07/97	DJ	SW846-8260		95 %	ug/Kg
Toluene-d8 (Surrogate)	03/07/97	DJ	SW846-8260		270 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/07/97	DJ	SW846-8260		110 %	ug/Kg

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LABORATORY REPORT

C .: Atlanta Environmental Mgt.	Client Sample ID: SG-2, 4-6'	Date Sampled:	02/24/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14405	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/12/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/05/97	SD	EPA 418.1	10	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1 hlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,. ..chlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/05/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/05/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/05/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/05/97	DJ	SW846-8260		107 %	ug/Kg
T e-d8 (Surrogate)	03/05/97	DJ	SW846-8260		97 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/05/97	DJ	SW846-8260		83 %	ug/Kg

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LABORATORY REPORT

Atlanta Environmental Mgt. Lab Project# 12228 Date Received: 02/28/97

Client Contact: TONY GORDON/ MARK POTTS Client Proj No: 790-01 Date Reported: 03/11/97

Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK) Analyst: SD

Method Ref.: EPA 418.1 Compound: Total Recoverable Petroleum Hydrocarbons

Client Sample ID:	Lab Sample ID:	Date Sampled:	Date Analyzed:	Sample Matrix:	Reported Detection Limits	RESULTS	Units
UO-1, 0-2'	AB14407	02/24/97	03/05/97	SOIL	10	14	mg/Kg
UO-2, 0-2'	AB14410	02/25/97	03/05/97	SOIL	10	Not detected	mg/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: NG-1, 1'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14413	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/05/97	SD	EPA 418.1	10	Not detected	mg/Kg
RCRA METALS REPORT						
Arsenic	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Barium	03/05/97	SCH	SW846 6010A	5.0	12	mg/Kg
Cadmium	03/05/97	SCH	SW846 6010A	0.5	Not detected	mg/Kg
Chromium	03/05/97	SCH	SW846 6010A	5.0	22	mg/Kg
Lead	03/05/97	SCH	SW846 6010A	5.0	8.5	mg/Kg
Mercury	03/04/97	HLD	SW846 7471A	0.50	Not detected	mg/Kg
Selenium	03/05/97	SCH	SW846 6010A	5.0	10	mg/Kg
Silver	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2 ione (MEK)	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
C. a disulfide	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,4-Dichlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dicbloropropene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/05/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tolene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
richloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON/ MARK POTTS
Client Proj No: 790-01
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)

Client Sample ID: NG-1, 1'
Lab Sample ID: AB14413
Lab Project# 12228

Date Sampled: 02/25/97
Date Received: 02/28/97
Date Reported: 03/11/97
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Vinyl acetate	03/05/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/05/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/05/97	DJ	SW846-8260		110 %	ug/Kg
Toluene-d8 (Surrogate)	03/05/97	DJ	SW846-8260		102 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/05/97	DJ	SW846-8260		98 %	ug/Kg

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WASTE OIL SUMP

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LABORATORY REPORT

Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-5
Lab Sample ID: AB14676
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
PAH REPORT						
Acenaphthene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Acenaphthylene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Anthracene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Benzo(a)anthracene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Benzo(b)fluoranthene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Benzo(k)fluoranthene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Benzo(g,h,i)perylene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
[illegible]a)pyrene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
C[illegible]ene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Dibenzo(a,h)anthracene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Fluoranthene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Fluorene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Indeno(1,2,3-cd)pyrene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
1-Methylnaphthalene	03/12/97	JF	SW846 8270	1	6	ug/L
2-Methylnaphthalene	03/12/97	JF	SW846 8270	1	5	ug/L
Naphthalene	03/12/97	JF	SW846 8270	1	7	ug/L
Phenanthrene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
Pyrene	03/12/97	JF	SW846 8270	1	Not detected	ug/L
PAH QC REPORT						
Nitrobenzene-d5 (Surrogate)	03/12/97	JF	SW846 8270		48 %	ug/L
2-Fluorobiphenyl (Surrogate)	03/12/97	JF	SW846 8270		46 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/12/97	JF	SW846 8270		55 %	ug/L
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	65	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Carbon tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2[illegible]oethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-5
Lab Sample ID: AB14676
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
V hloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L
X s (Total)	03/12/97	DJ	SW846-8260	5	59	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		104 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		101 %	ug/L
Bromofluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		107 %	ug/L

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SC Certification # 98015

LABORATORY REPORT

C[illegible] Atlanta Environmental Mgt.	Client Sample ID: OS-1, 8-10'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14417	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	400	2,000	mg/Kg
VOC's REPORT						
Acetone	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]hlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,[illegible]chlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/06/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/06/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/06/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/06/97	DJ	SW846-8260	5	10	ug/Kg
VOC's QC REPORT						
1,[illegible]chloroethane-d4 (Surrogate)	03/06/97	DJ	SW846-8260		90 %	ug/Kg
[illegible]e-d8 (Surrogate)	03/06/97	DJ	SW846-8260		111 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/06/97	DJ	SW846-8260		144 %	ug/Kg

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LABORATORY REPORT

Atlanta Environmental Mgt.	Client Sample ID: OS-2, 4-6'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14418	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	1000	2,300	mg/Kg
VOC's REPORT						
Acetone	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
[illegible]hlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,[illegible]hlorobenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/06/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/06/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/06/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/06/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/06/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/06/97	DJ	SW846-8260	5	9	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/06/97	DJ	SW846-8260		83 %	ug/Kg
[illegible]e-d8 (Surrogate)	03/06/97	DJ	SW846-8260		103 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/06/97	DJ	SW846-8260		120 %	ug/Kg

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LABORATORY REPORT

Atlanta Environmental Mgt.	Client Sample ID: OS-3, 8-10'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14421	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	1000	2,100	mg/Kg
VOC's REPORT						
Acetone	03/10/97	DJ	SW846-8260	50	59	ug/Kg
Benzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]hlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,[illegible]hlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/10/97	DJ	SW846-8260	5	18	ug/Kg
2-Hexanone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/10/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/10/97	DJ	SW846-8260	5	40	ug/Kg
1,1,1-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/10/97	DJ	SW846-8260	5	8	ug/Kg
Trichlorofluoromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/10/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/10/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/10/97	DJ	SW846-8260	5	97	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/10/97	DJ	SW846-8260		119 %	ug/Kg
7[illegible]-d8 (Surrogate)	03/10/97	DJ	SW846-8260		106 %	ug/Kg
B[illegible]ofluorobenzene (Surrogate)	03/10/97	DJ	SW846-8260		149 %	ug/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: OS-4, 4-6'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14422	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/07/97	DJ	SW846-8260	50	63	ug/Kg
Benzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]hlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,[illegible]hlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/07/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/07/97	DJ	SW846-8260	5	7	ug/Kg
1,1,1-Trichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/07/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/07/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/07/97	DJ	SW846-8260	5	24	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/07/97	DJ	SW846-8260		118 %	ug/Kg
[illegible]e-d8 (Surrogate)	03/07/97	DJ	SW846-8260		109 %	ug/Kg
Br[illegible]ofluorobenzene (Surrogate)	03/07/97	DJ	SW846-8260		148 %	ug/Kg

Accura Analytical Laboratory, Inc.

WELDING SHOP DRUM STORAGE AREA

8295

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30071, Phone (770) 449-8800

FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Atlanta Environmental Mgt.	Client Sample ID: WS-1, 4-6'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14433	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]hlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,[illegible]chlorobenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/05/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/05/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/05/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/05/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/05/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/05/97	DJ	SW846-8260		118 %	ug/Kg
[illegible]e-d8 (Surrogate)	03/05/97	DJ	SW846-8260		97 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/05/97	DJ	SW846-8260		81 %	ug/Kg

Accura Analytical Laboratory, Inc.

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SC Certification # 98015

LABORATORY REPORT

Atlanta Environmental Mgt.	Client Sample ID: WS-2, 4-6'	Date Sampled:	02/26/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14436	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1 hlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1, hlorobenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dicbloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroetbene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dicbloropropene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/07/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/07/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/07/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/07/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/07/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/07/97	DJ	SW846-8260		90 %	ug/Kg
s-d8 (Surrogate)	03/07/97	DJ	SW846-8260		103 %	ug/Kg
ofluorobenzene (Surrogate)	03/07/97	DJ	SW846-8260		120 %	ug/Kg

Accura Analytical Laboratory, Inc.

DYE DISCHARGE SUMP AREA

ACCURA ANALYTICAL LABORATORY, INC.

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FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: TW-8	Date Sampled:	03/07/97
Client Contact: TONY GORDON	Lab Sample ID: AB14679	Date Received:	03/07/97
Client Proj No: 791-01	Lab Project# 12281	Date Reported:	03/13/97
Client Proj Name: MOHAWK/DIAMOND		Sample Matrix:	WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
RCRA METALS REPORT						
Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Selenium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
C tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ch obenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorohenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/12/97	DJ	SW846-8260	5	37	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	47	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	13	310	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	54	ug/L
1, richloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
T roethene	03/12/97	DJ	SW846-8260	5	14	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-8
Lab Sample ID: AB14679
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		93 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		94 %	ug/L
Bromofluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		102 %	ug/L

Accura Analytical Laboratory, Inc.

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-8
Lab Sample ID: AB14679
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzidine	03/13/97	JF	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzyl alcohol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
B[illegible]enzyl phthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4 [illegible]oaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Chrysene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/13/97	JF	SW846-8270	50	Not detected	ug/L
2,4-Dichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Fluorene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
H[illegible]loroethane	03/13/97	JF	SW846-8270	10	Not detected	ug/L
I[illegible](1,2,3-cd)pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Isophorone	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-8
Lab Sample ID: AB14679
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Naphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/13/97	JF	SW846-8270	20	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Phenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/13/97	JF	SW846-8270		42 %	ug/L
Phenol-d6 (Surrogate)	03/13/97	JF	SW846-8270		33 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/13/97	JF	SW846-8270		52 %	ug/L
2-Fluorobiphenyl (Surrogate)	03/13/97	JF	SW846-8270		48 %	ug/L
2 ibromophenol (Surrogate)	03/13/97	JF	SW846-8270		62 %	ug/L
p- phenyl-d14 (Surrogate)	03/13/97	JF	SW846-8270		58 %	ug/L

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LABORATORY REPORT

C[illegible]: Atlanta Environmental Mgt.	Client Sample ID: DD-1, 8-10'	Date Sampled:	02/26/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14438	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/12/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
RCRA METALS REPORT						
Arsenic	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Barium	03/05/97	SCH	SW846 6010A	5.0	39	mg/Kg
Cadmium	03/05/97	SCH	SW846 6010A	0.5	Not detected	mg/Kg
Chromium	03/05/97	SCH	SW846 6010A	5.0	18	mg/Kg
Lead	03/05/97	SCH	SW846 6010A	5.0	45	mg/Kg
Mercury	03/04/97	HLD	SW846 7471A	0.50	Not detected	mg/Kg
Selenium	03/05/97	SCH	SW846 6010A	5.0	10	mg/Kg
Silver	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2[illegible]one (MEK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
C[illegible]n disulfide	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,4-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/10/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachlorocthane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
To[illegible]ne	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1 [illegible]richloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg

Client: Atlanta Environmental Mgt.
Client Sample ID: DD-1, 8-10'
Date Sampled: 02/26/97

Client Contact: TONY GORDON/ MARK POTTS
Lab Sample ID: AB14438
Date Received: 02/28/97

Client Proj No: 790-01
Lab Project# 12228
Date Reported: 03/11/97

Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Vinyl acetate	03/10/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/10/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/10/97	DJ	SW846-8260		95 %	ug/Kg
Toluene-d8 (Surrogate)	03/10/97	DJ	SW846-8260		90 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/10/97	DJ	SW846-8260		121 %	ug/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: DD-2, 4-6'	Date Sampled:	02/26/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14440	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
RCRA METALS REPORT						
Arsenic	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Barium	03/05/97	SCH	SW846 6010A	5.0	340	mg/Kg
Cadmium	03/05/97	SCH	SW846 6010A	0.5	Not detected	mg/Kg
Chromium	03/05/97	SCH	SW846 6010A	5.0	21	mg/Kg
Lead	03/05/97	SCH	SW846 6010A	5.0	71	mg/Kg
Mercury	03/04/97	HLD	SW846 7471A	0.50	Not detected	mg/Kg
Selenium	03/05/97	SCH	SW846 6010A	5.0	7.6	mg/Kg
Silver	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
VOC's REPORT						
Acetone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2 one (MEK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,4-Dicblorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/10/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/10/97	DJ	SW846-8260	5	10	ug/Kg
T e	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1 richloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/10/97	DJ	SW846-8260	5	11	ug/Kg
Trichlorofluoromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg

Client: Atlanta Environmental Mgt.
Client Sample ID: DD-2, 4-6'
Date Sampled: 02/26/97

Client Contact: TONY GORDON/ MARK POTTS
Lab Sample ID: AB14440
Date Received: 02/28/97

Client Proj No: 790-01
Lab Project# 12228
Date Reported: 03/11/97

Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Vinyl acetate	03/10/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/10/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/10/97	DJ	SW846-8260		112 %	ug/Kg
Toluene-d8 (Surrogate)	03/10/97	DJ	SW846-8260		106 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/10/97	DJ	SW846-8260		119 %	ug/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: AST-1, 2-4'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14424	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
PAH REPORT						
Acenaphthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Acenaphthylene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Anthracene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)anthracene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(b)fluoranthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(k)fluoranthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(g,h,i)perylene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)pyrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Chrysene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Dibenzo(a,b)anthracene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Fluoranthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Fluorene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Indeno(1,2,3-cd)pyrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
1-Methylnaphthalene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
2-Methylnaphthalene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Naphthalene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Phenanthrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Pyrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
PAH QC REPORT						
Nitrobenzene-d5 (Surrogate)	03/10/97	JW	SW846 8270		71 %	ug/kg
2-Fluorobiphenyl (Surrogate)	03/10/97	JW	SW846 8270		79 %	ug/kg
p-Terphenyl-d14 (Surrogate)	03/10/97	JW	SW846 8270		83 %	ug/kg

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LABORATORY REPORT

C... ...: Atlanta Environmental Mgt.	Client Sample ID: AST-2, 2-4'	Date Sampled:	02/25/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14426	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
PAH REPORT						
Acenaphthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Acenaphthylene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Anthracene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)anthracene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(b)fluoranthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(k)fluoranthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(g,h,i)perylene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)pyrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Chrysene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Dibenzo(a,h)anthracene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Fluoranthene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Fluorene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Indeno(1,2,3-cd)pyrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
1-Methylnaphthalene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
2-Methylnaphthalene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
N... alene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Ph...anthrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
Pyrene	03/10/97	JW	SW846 8270	330	Not detected	ug/kg
PAH QC REPORT						
Nitrobenzene-d5 (Surrogate)	03/10/97	JW	SW846 8270		74 %	ug/kg
2-Fluorobiphenyl (Surrogate)	03/10/97	JW	SW846 8270		87 %	ug/kg
p-Terphenyl-d14 (Surrogate)	03/10/97	JW	SW846 8270		90 %	ug/kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON/ MARK POTTS
Client Proj No: 790-01
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)

Client Sample ID: AST-3, 2-4'
Lab Sample ID: AB14428
Lab Project# 12228

Date Sampled: 02/25/97
Date Received: 02/28/97
Date Reported: 03/11/97
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
PAH REPORT						
Acenaphthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Acenaphthylene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Anthracene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)anthracene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(b)fluoranthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(k)fluoranthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(g,h,i)perylene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)pyrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Chrysene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Dibenzo(a,h)anthracene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Fluoranthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Fluorene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Indeno(1,2,3-cd)pyrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
1-Methylnaphthalene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
2-Methylnaphthalene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
[illegible]alene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Ph[illegible]anthrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Pyrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
PAH QC REPORT						
Nitrobenzene-d5 (Surrogate)	03/08/97	JW	SW846 8270		75 %	ug/kg
2-Fluorobiphenyl (Surrogate)	03/08/97	JW	SW846 8270		82 %	ug/kg
p-Terphenyl-d14 (Surrogate)	03/08/97	JW	SW846 8270		91 %	ug/kg

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LABORATORY REPORT

Client:	Atlanta Environmental Mgt.	Client Sample ID: AST-4, 2-4'	Date Sampled: 02/25/97
Client Contact:	TONY GORDON/ MARK POTTS	Lab Sample ID: AB14430	Date Received: 02/28/97
Client Proj No:	790-01	Lab Project# 12228	Date Reported: 03/11/97
Client Proj Name:	ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
PAH REPORT						
Acenaphthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Acenaphthylene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Anthracene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)anthracene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(b)fluoranthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(k)fluoranthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(g,h,i)perylene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)pyrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Chrysene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Dibenzo(a,h)anthracene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Fluoranthene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Fluorene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Indeno(1,2,3-cd)pyrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
1-Methylnaphthalene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
2-Methylnaphthalene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
[illegible]alene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Ph[illegible]anthrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
Pyrene	03/08/97	JW	SW846 8270	330	Not detected	ug/kg
PAH QC REPORT						
Nitrobenzene-d5 (Surrogate)	03/08/97	JW	SW846 8270		89 %	ug/kg
2-Fluorobiphenyl (Surrogate)	03/08/97	JW	SW846 8270		92 %	ug/kg
p-Terphenyl-d14 (Surrogate)	03/08/97	JW	SW846 8270		98 %	ug/kg

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SEPTIC TANK DRAIN FIELDS

8295

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-2
Lab Sample ID: AB14673
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/13/97	SCH	SW846 6010A	0.050	0.066	mg/L
Dissolved Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Carbon tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-2
Lab Sample ID: AB14673
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		83 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		91 %	ug/L
Bromofluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		101 %	ug/L

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-2
Lab Sample ID: AB14673
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzidine	03/12/97	JF	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzyl alcohol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
B[illegible]benzyl phthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
[illegible]coaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Chrysene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/12/97	JF	SW846-8270	50	Not detected	ug/L
2,4-Dichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Fluorene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
[illegible]hloroethane	03/12/97	JF	SW846-8270	10	Not detected	ug/L
[illegible]o(1,2,3-cd)pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Isophorone	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-2
Lab Sample ID: AB14673
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Naphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/12/97	JF	SW846-8270	20	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Phenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/12/97	JF	SW846-8270		34 %	ug/L
Phenol-d6 (Surrogate)	03/12/97	JF	SW846-8270		32 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/12/97	JF	SW846-8270		50 %	ug/L
2-Fluorobiphenyl (Surrogate)	03/12/97	JF	SW846-8270		47 %	ug/L
2,4,6-Tribromophenol (Surrogate)	03/12/97	JF	SW846-8270		49 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/12/97	JF	SW846-8270		53 %	ug/L

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-3
Lab Sample ID: AB14674
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/13/97	SCH	SW846 6010A	0.050	0.16	mg/L
Dissolved Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Carbon tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-3
Lab Sample ID: AB14674
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		98 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		102 %	ug/L
Bromofluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		113 %	ug/L

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FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-3
Lab Sample ID: AB14674
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzidine	03/12/97	JF	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzyl alcohol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
B[illegible]enzyl phthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4[illegible]oaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Chrysene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/12/97	JF	SW846-8270	50	Not detected	ug/L
2,4-Dichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Fluorene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
H[illegible]loroethane	03/12/97	JF	SW846-8270	10	Not detected	ug/L
I[illegible](1,2,3-cd)pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Isophorone	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-3
Lab Sample ID: AB14674
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Naphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/12/97	JF	SW846-8270	20	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Phenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/12/97	JF	SW846-8270		32 %	ug/L
Phenol-d6 (Surrogate)	03/12/97	JF	SW846-8270		36 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/12/97	JF	SW846-8270		56 %	ug/L
2-Fluorobiphenyl (Surrogate)	03/12/97	JF	SW846-8270		52 %	ug/L
2,4,6-Tribromophenol (Surrogate)	03/12/97	JF	SW846-8270		43 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/12/97	JF	SW846-8270		61 %	ug/L

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-4
Lab Sample ID: AB14675
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	9	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
C[illegible]n disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
C[illegible]i tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
[illegible]richloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
[illegible]oroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-4
Lab Sample ID: AB14675
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		82 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		98 %	ug/L
Bromofluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		110 %	ug/L

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SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: TW-4	Date Sampled:	03/07/97
Client Contact: TONY GORDON	Lab Sample ID: AB14675	Date Received:	03/07/97
Client Proj No: 791-01	Lab Project# 12281	Date Reported:	03/13/97
Client Proj Name: MOHAWK/DIAMOND		Sample Matrix:	WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzidine	03/12/97	JF	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Benzyl alcohol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
B[illegible]benzyl phthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4 [illegible]roaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Chrysene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/12/97	JF	SW846-8270	50	Not detected	ug/L
2,4-Dichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylpbenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitropbenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Fluorene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
H[illegible]loroethane	03/12/97	JF	SW846-8270	10	Not detected	ug/L
I[illegible].o(1,2,3-cd)pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Isophorone	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Methylnapbthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-4
Lab Sample ID: AB14675
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Naphthalene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/12/97	JF	SW846-8270	20	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Phenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
Pyrene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/12/97	JF	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/12/97	JF	SW846-8270		41 %	ug/L
Phenol-d6 (Surrogate)	03/12/97	JF	SW846-8270		34 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/12/97	JF	SW846-8270		48 %	ug/L
2-Fluorobiphenyl (Surrogate)	03/12/97	JF	SW846-8270		45 %	ug/L
2,4,6-Tribromophenol (Surrogate)	03/12/97	JF	SW846-8270		59 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/12/97	JF	SW846-8270		49 %	ug/L

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

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FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-6
Lab Sample ID: AB14677
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
C[illegible]n disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
C[illegible]n tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
[illegible]richloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tr[illegible]toroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-6
Lab Sample ID: AB14677
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		116 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		102 %	ug/L
Bromofluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		91 %	ug/L

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6017 Financial Drive, Norcross, Georgia 30071, Phone (770) 449-8800

FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-6
Lab Sample ID: AB14677
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzidine	03/13/97	JF	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzyl alcohol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
P enzyl phthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4 roaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Chrysene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/13/97	JF	SW846-8270	50	Not detected	ug/L
2,4-Dichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitropbenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Fluorene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
loroethane	03/13/97	JF	SW846-8270	10	Not detected	ug/L
o(1,2,3-cd)pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Isophorone	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-6
Lab Sample ID: AB14677
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Naphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/13/97	JF	SW846-8270	20	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Phenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/13/97	JF	SW846-8270		34 %	ug/L
Phenol-d6 (Surrogate)	03/13/97	JF	SW846-8270		33 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/13/97	JF	SW846-8270		47 %	ug/L
2-[illegible]robiphenyl (Surrogate)	03/13/97	JF	SW846-8270		44 %	ug/L
[illegible]ribromophenol (Surrogate)	03/13/97	JF	SW846-8270		50 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/13/97	JF	SW846-8270		50 %	ug/L

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FL Certification # E87429
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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: TW-7	Date Sampled:	03/07/97
Client Contact: TONY GORDON	Lab Sample ID: AB14678	Date Received:	03/07/97
Client Proj No: 791-01	Lab Project# 12281	Date Reported:	03/13/97
Client Proj Name: MOHAWK/DIAMOND		Sample Matrix:	WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/13/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/13/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Mercury	03/12/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/13/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/13/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/13/97	DJ	SW846-8260	50	Not detected	ug/L
C[illegible]n disulfide	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
C[illegible] tetrachloride	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/13/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/13/97	DJ	SW846-8260	5	20	ug/L
1,2-Dicbloroethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/13/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/13/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/13/97	DJ	SW846-8260	5	29	ug/L
Toluene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/13/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/13/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-7
Lab Sample ID: AB14678
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/13/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/13/97	DJ	SW846-8260		109 %	ug/L
Toluene-d8 (Surrogate)	03/13/97	DJ	SW846-8260		89 %	ug/L
Bromofluorobenzene (Surrogate)	03/13/97	DJ	SW846-8260		106 %	ug/L

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FL Certification # E87429
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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: TW-7	Date Sampled:	03/07/97
Client Contact: TONY GORDON	Lab Sample ID: AB14678	Date Received:	03/07/97
Client Proj No: 791-01	Lab Project# 12281	Date Reported:	03/13/97
Client Proj Name: MOHAWK/DIAMOND		Sample Matrix:	WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Acenapbthylene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzidine	03/13/97	JF	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Benzyl alcohol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
P[illegible]enzyl phthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
[illegible]roaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Chrysene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/13/97	JF	SW846-8270	50	Not detected	ug/L
2,4-Dichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Fluorene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
[illegible]loroethane	03/13/97	JF	SW846-8270	10	Not detected	ug/L
h[illegible]o(1,2,3-cd)pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Isophorone	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Proj Name: MOHAWK/DIAMOND

Client Sample ID: TW-7
Lab Sample ID: AB14678
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Naphthalene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/13/97	JF	SW846-8270	20	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Phenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
Pyrene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/13/97	JF	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/13/97	JF	SW846-8270		50 %	ug/L
Phenol-d6 (Surrogate)	03/13/97	JF	SW846-8270		42 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/13/97	JF	SW846-8270		61 %	ug/L
2-[illegible]robiphenyl (Surrogate)	03/13/97	JF	SW846-8270		55 %	ug/L
2[illegible]ibromophenol (Surrogate)	03/13/97	JF	SW846-8270		73 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/13/97	JF	SW846-8270		66 %	ug/L

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LATEX HOLDING PONDS

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NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-9
Lab Sample ID: AB15127
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/18/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/18/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/18/97	JMS	SW846 7421A	0.005	Not detected	mg/L
Dissolved Mercury	03/20/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Carbon tetrachloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/18/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/18/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
C roj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-9
Lab Sample ID: AB15127
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/18/97	DJ	SW846-8260		111 %	ug/L
Toluene-d8 (Surrogate)	03/18/97	DJ	SW846-8260		106 %	ug/L
Bromofluorobenzene (Surrogate)	03/18/97	DJ	SW846-8260		97 %	ug/L

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FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-9
Lab Sample ID: AB15127
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzidine	03/19/97	JW	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/19/97	JW	SW846-8270	50	Not detected	ug/L
Benzyl alcohol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-P[illegible]ophenyl phenyl ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
B[illegible]nzyl phthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chloroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Chrysene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Fluorene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
H[illegible]lorocyclopentadiene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
H[illegible]loroethane	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Indeno(1,2,3-cd)pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Isophorone	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
C roj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-9
Lab Sample ID: AB15127
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Naphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Phenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/19/97	JW	SW846-8270		25 %	ug/L
Phenol-d6 (Surrogate)	03/19/97	JW	SW846-8270		18 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/19/97	JW	SW846-8270		24 %	ug/L
2- biphenyl (Surrogate)	03/19/97	JW	SW846-8270		34 %	ug/L
2,4,6-Tribromophenol (Surrogate)	03/19/97	JW	SW846-8270		29 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/19/97	JW	SW846-8270		39 %	ug/L

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-10
Lab Sample ID: AB15128
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/18/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/18/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/18/97	JMS	SW846 7421A	0.005	Not detected	mg/L
Dissolved Mercury	03/20/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-B[illegible]none (MEK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
C[illegible]disulfide	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Car[illegible]n tetrachloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroform	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Chloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dicbloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,[illegible]ichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,[illegible]ichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/18/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/18/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
C roj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-10
Lab Sample ID: AB15128
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/18/97	DJ	SW846-8260		99 %	ug/L
Toluene-d8 (Surrogate)	03/18/97	DJ	SW846-8260		101 %	ug/L
Bromofluorobenzene (Surrogate)	03/18/97	DJ	SW846-8260		96 %	ug/L

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FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-10
Lab Sample ID: AB15128
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzidine	03/19/97	JW	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/19/97	JW	SW846-8270	50	Not detected	ug/L
Benzyl alcohol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-B[illegible]ophenyl phenyl ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
B[illegible]nzyl phthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-C[illegible]oroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylpbenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Chrysene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Fluorene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
H[illegible]lorocyclopentadiene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
H[illegible]loroethane	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Indeno(1,2,3-cd)pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Isophorone	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
C roj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-10
Lab Sample ID: AB15128
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Naphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Phenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/19/97	JW	SW846-8270		58 %	ug/L
Phenol-d6 (Surrogate)	03/19/97	JW	SW846-8270		51 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/19/97	JW	SW846-8270		58 %	ug/L
2- biphenyl (Surrogate)	03/19/97	JW	SW846-8270		73 %	ug/L
2,4,6-Tribromophenol (Surrogate)	03/19/97	JW	SW846-8270		68 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/19/97	JW	SW846-8270		80 %	ug/L

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 791-01
Client Proj Name: MOHAWK/DIAMOND

Client Sample ID: TRIP BLANK
Lab Sample ID: AB14680
Lab Project# 12281

Date Sampled: 03/07/97
Date Received: 03/07/97
Date Reported: 03/13/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
VOC's REPORT						
Acetone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Carbon tetrachloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1 hloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/12/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/12/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/12/97	DJ	SW846-8260	2	Not detected	ug/L
Xylenes (Total)	03/12/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/12/97	DJ	SW846-8260		109 %	ug/L
Toluene-d8 (Surrogate)	03/12/97	DJ	SW846-8260		107 %	ug/L
P fluorobenzene (Surrogate)	03/12/97	DJ	SW846-8260		123 %	ug/L

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LATEX SUMP TRENCH

8295

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NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-11
Lab Sample ID: AB15129
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/18/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/18/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/18/97	JMS	SW846 7421A	0.005	Not detected	mg/L
Dissolved Mercury	03/20/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/18/97	SCH	SW846 6010A	0.050	0.24	mg/L
Dissolved Silver	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
C disulfide	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Ca tetrachloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Dihromochloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1, ichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/18/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/18/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
C' roj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-11
Lab Sample ID: AB15129
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/18/97	DJ	SW846-8260		102 %	ug/L
Toluene-d8 (Surrogate)	03/18/97	DJ	SW846-8260		89 %	ug/L
Bromofluorobenzene (Surrogate)	03/18/97	DJ	SW846-8260		87 %	ug/L

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SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-11
Lab Sample ID: AB15129
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzidine	03/19/97	JW	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/19/97	JW	SW846-8270	50	Not detected	ug/L
Benzyl alcohol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-P[illegible]ophenyl phenyl ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
B[illegible]nzyl pbthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chloroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Chrysene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Dimethylpbthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Fluorene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
H[illegible]lorocyclopentadiene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
H[illegible]loroethane	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Indeno(1,2,3-cd)pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Isophorone	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Cl[illegible]roj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: TW-11
Lab Sample ID: AB15129
Lab Project# 12352

Date Sampled: 03/12/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Naphthalene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Phenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
Pyrene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/19/97	JW	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/19/97	JW	SW846-8270		20 %	ug/L
Phenol-d6 (Surrogate)	03/19/97	JW	SW846-8270		24 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/19/97	JW	SW846-8270		33 %	ug/L
2-[illegible]biphenyl (Surrogate)	03/19/97	JW	SW846-8270		45 %	ug/L
2,4,[illegible]tribromophenol (Surrogate)	03/19/97	JW	SW846-8270		24 %	ug/L
p-Terphenyl-d14 (Surrogate)	03/19/97	JW	SW846-8270		56 %	ug/L

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SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON/ MARK POTTS
Client Proj No: 790-01
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)

Client Sample ID: LS-1, 2-4'
Lab Sample ID: AB14441
Lab Project# 12228

Date Sampled: 02/26/97
Date Received: 02/28/97
Date Reported: 03/11/97
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
VOC's REPORT						
Acetone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
[illegible]hloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/10/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroetbane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/10/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/10/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/10/97	DJ	SW846-8260		91 %	ug/Kg
Toluene-d8 (Surrogate)	03/10/97	DJ	SW846-8260		105 %	ug/Kg
[illegible]fluorohenzene (Surrogate)	03/10/97	DJ	SW846-8260		100 %	ug/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON/ MARK POTTS
Client Proj No: 790-01
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)

Client Sample ID: LS-2, 2-4'
Lab Sample ID: AB14442
Lab Project# 12228

Date Sampled: 02/26/97
Date Received: 02/28/97
Date Reported: 03/11/97
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
VOC's REPORT						
Acetone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1[illegible]hloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/10/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/10/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/10/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/10/97	DJ	SW846-8260		87 %	ug/Kg
Toluene-d8 (Surrogate)	03/10/97	DJ	SW846-8260		81 %	ug/Kg
[illegible]fluorobenzene (Surrogate)	03/10/97	DJ	SW846-8260		119 %	ug/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt. | Client Sample ID: LS-3, 2-4' | Date Sampled: 02/26/97

Client Contact: TONY GORDON/ MARK POTTS | Lab Sample ID: AB14443 | Date Received: 02/28/97

Client Proj No: 790-01 | Lab Project# 12228 | Date Reported: 03/11/97

Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK) | Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
VOC's REPORT						
Acetone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,4-Dichlorobenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/10/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/10/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/10/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/10/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/10/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/10/97	DJ	SW846-8260		97 %	ug/Kg
Toluene-d8 (Surrogate)	03/10/97	DJ	SW846-8260		85 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/10/97	DJ	SW846-8260		92 %	ug/Kg

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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: TRIP BLANK	Date Sampled:	03/17/97
Client Contact: TONY GORDON	Lab Sample ID: AB15131	Date Received:	03/17/97
Client Proj No: 790-02	Lab Project# 12352	Date Reported:	03/20/97
Client Proj Name: MOHAWK - DIAMOND CARPETS		Sample Matrix:	WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
VOC's REPORT						
Acetone	03/19/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/19/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Carbon tetrachloride	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Chlorobenzene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/19/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1 [illegible]loroethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-[illegible]chloroethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/19/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/19/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Trichloroethene	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/19/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/19/97	DJ	SW846-8260	2	Not detected	ug/L
Xylenes (Total)	03/19/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/19/97	DJ	SW846-8260		99 %	ug/L
Toluene-d8 (Surrogate)	03/19/97	DJ	SW846-8260		110 %	ug/L
[illegible]fluorobenzene (Surrogate)	03/19/97	DJ	SW846-8260		101 %	ug/L

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LABORATORY REPORT

C Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: METHOD BLANK
Lab Sample ID: AB15132
Lab Project# 12352

Date Sampled: 03/17/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
DISSOLVED METALS REPORT						
Dissolved Arsenic	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Barium	03/18/97	SCH	SW846 6010A	0.50	Not detected	mg/L
Dissolved Cadmium	03/18/97	SCH	SW846 6010A	0.005	Not detected	mg/L
Dissolved Chromium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Lead	03/18/97	JMS	SW846 7421A	0.005	Not detected	mg/L
Dissolved Mercury	03/20/97	HLD	SW846 7470A	0.002	Not detected	mg/L
Dissolved Selenium	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
Dissolved Silver	03/18/97	SCH	SW846 6010A	0.050	Not detected	mg/L
VOC's REPORT						
Acetone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Benzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromodichloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromoform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Bromomethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Butanone (MEK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Carbon disulfide	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
C tetrachloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
C oenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Chloroethylvinyl ether	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Chloroform	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Chloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Dibromochloromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,3-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,4-Dichlorobenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,2-Dichloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,2-Dichloropropane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
cis-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
trans-1,3-Dichloropropene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Ethylbenzene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
2-Hexanone	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Methylene chloride	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
4-Methyl-2-pentanone (MIBK)	03/18/97	DJ	SW846-8260	50	Not detected	ug/L
Styrene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2,2-Tetrachloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Tetrachloroethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Toluene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,1-Trichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
1,1,2-Trichloroethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
T roethene	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Trichlorofluoromethane	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
Vinyl acetate	03/18/97	DJ	SW846-8260	100	Not detected	ug/L
Vinyl chloride	03/18/97	DJ	SW846-8260	2	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: METHOD BLANK
Lab Sample ID: AB15132
Lab Project#: 12352

Date Sampled: 03/17/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Xylenes (Total)	03/18/97	DJ	SW846-8260	5	Not detected	ug/L
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/18/97	DJ	SW846-8260		112 %	ug/L
Toluene-d8 (Surrogate)	03/18/97	DJ	SW846-8260		105 %	ug/L
Bromofluorobenzene (Surrogate)	03/18/97	DJ	SW846-8260		95 %	ug/L

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30071, Phone (770) 449-8800

FL Certification # E87429
NC Certification # 483
SC Certification # 98015

LABORATORY REPORT

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: METHOD BLANK
Lab Sample ID: AB15132
Lab Project# 12352

Date Sampled: 03/17/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
SEMI-VOC's REPORT						
Acenaphthene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Acenaphthylene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Anthracene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Benzidine	03/18/97	JW	SW846-8270	50	Not detected	ug/L
Benzo(a)anthracene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(a)pyrene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(b)fluoranthene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(g,h,i)perylene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Benzo(k)fluoranthene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Benzoic acid	03/18/97	JW	SW846-8270	50	Not detected	ug/L
Benzyl alcohol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethoxy)methane	03/18/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroethyl)ether	03/18/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Chloroisopropyl)ether	03/18/97	JW	SW846-8270	10	Not detected	ug/L
bis(2-Ethylhexyl)phthalate	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-Bromophenyl phenyl ether	03/18/97	JW	SW846-8270	10	Not detected	ug/L
B[illegible]enzyl phthalate	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-[illegible]oaniline	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-Chloro-3-methylphenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2-Chloronaphthalene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2-Chlorophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-Chlorophenyl phenyl ether	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Chrysene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Dibenz(a,h)anthracene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Dibenzofuran	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-butylphthalate	03/18/97	JW	SW846-8270	10	Not detected	ug/L
1,2-Dichlorobenzene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
1,3-Dichlorobenzene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
1,4-Dichlorobenzene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
3,3'-Dichlorobenzidine	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dichlorophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Diethylphthalate	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dimethylphenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Dimethylphthalate	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4,6-Dinitro-2-methylphenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,4-Dinitrotoluene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,6-Dinitrotoluene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Di-n-octylphthalate	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Fluoranthene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Fluorene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobenzene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorobutadiene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Hexachlorocyclopentadiene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
I[illegible]loroethane	03/18/97	JW	SW846-8270	10	Not detected	ug/L
In[illegible]o(1,2,3-cd)pyrene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Isophorone	03/18/97	JW	SW846-8270	10	Not detected	ug/L
1-Methylnaphthalene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2-Methylnaphthalene	03/18/97	JW	SW846-8270	10	Not detected	ug/L

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON
Client Proj No: 790-02
Client Proj Name: MOHAWK - DIAMOND CARPETS

Client Sample ID: METHOD BLANK
Lab Sample ID: AB15132
Lab Project# 12352

Date Sampled: 03/17/97
Date Received: 03/17/97
Date Reported: 03/20/97
Sample Matrix: WATER

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
2-Methylphenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-Methylphenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Naphthalene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitroaniline	03/18/97	JW	SW846-8270	10	Not detected	ug/L
3-Nitroaniline	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitroaniline	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Nitrobenzene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2-Nitrophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
4-Nitrophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitrosodiphenylamine	03/18/97	JW	SW846-8270	10	Not detected	ug/L
N-Nitroso-di-n-propylamine	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Pentachlorophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Phenanthrene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Phenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
Pyrene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
1,2,4-Trichlorobenzene	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,4,5-Trichlorophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
2,4,6-Trichlorophenol	03/18/97	JW	SW846-8270	10	Not detected	ug/L
SEMI-VOC's QC REPORT						
2-Fluorophenol (Surrogate)	03/18/97	JW	SW846-8270		32 %	ug/L
Phenol-d6 (Surrogate)	03/18/97	JW	SW846-8270		26 %	ug/L
Nitrobenzene-d5 (Surrogate)	03/18/97	JW	SW846-8270		36 %	ug/L
2-Fluorobiphenyl (Surrogate)	03/18/97	JW	SW846-8270		48 %	ug/L
2, ibromophenol (Surrogate)	03/18/97	JW	SW846-8270		46 %	ug/L
p-[illegible]enyl-d14 (Surrogate)	03/18/97	JW	SW846-8270		54 %	ug/L

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FL Certification # E87429
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LABORATORY REPORT

Client: Atlanta Environmental Mgt.	Client Sample ID: METHOD BLANK	Date Sampled:	02/26/97
Client Contact: TONY GORDON/ MARK POTTS	Lab Sample ID: AB14446	Date Received:	02/28/97
Client Proj No: 790-01	Lab Project# 12228	Date Reported:	03/11/97
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)		Sample Matrix:	SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
Total Recoverable Petroleum Hydrocarbons	03/06/97	SD	EPA 418.1	10	Not detected	mg/Kg
BTEX REPORT						
Benzene	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
Toluene	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
Ethyl benzene	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
Xylenes	03/06/97	PVR	SW846-8020	5	Not detected	ug/Kg
BTEX QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		87 %	ug/Kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846-8020		82 %	ug/Kg
Gasoline Range Organics	03/06/97	PVR	SW846 8015	10	Not detected	mg/kg
TPH (GRO) QC REPORT						
1,4-Difluorobenzene (Surrogate)	03/06/97	PVR	SW846 8015		79 %	mg/kg
4-Bromofluorobenzene (Surrogate)	03/06/97	PVR	SW846 8015		57 %	mg/kg
RCRA METALS REPORT						
Arsenic	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Barium	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Cadmium	03/05/97	SCH	SW846 6010A	0.5	Not detected	mg/Kg
Chromium	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Lead	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Mercury	03/04/97	HLD	SW846 7471A	0.50	Not detected	mg/Kg
Selenium	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
Silver	03/05/97	SCH	SW846 6010A	5.0	Not detected	mg/Kg
PAH REPORT						
Acenaphthene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Acenaphthylene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Anthracene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)anthracene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(b)fluoranthene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(k)fluoranthene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(g,h,i)perylene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Benzo(a)pyrene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Chrysene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Dibenzo(a,h)anthracene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Fluoranthene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Fluorene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Indeno(1,2,3-cd)pyrene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
1-Methylnaphthalene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
2-Methylnaphthalene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Naphthalene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Phenanthrene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
Pyrene	03/07/97	JW	SW846 8270	330	Not detected	ug/kg
PAH QC REPORT						
Nitrobenzene-d5 (Surrogate)	03/07/97	JW	SW846 8270		68 %	ug/kg
2-Fluorobiphenyl (Surrogate)	03/07/97	JW	SW846 8270		79 %	ug/kg

Client: Atlanta Environmental Mgt.
Client Contact: TONY GORDON/ MARK POTTS
Client Proj No: 790-01
Client Proj Name: ETON-DIAMOND CARPET MILL (MOHAWK)

Client Sample ID: METHOD BLANK
Lab Sample ID: AB14446
Lab Project#: 12228

Date Sampled: 02/26/97
Date Received: 02/28/97
Date Reported: 03/11/97
Sample Matrix: SOIL

Compound	Date Analyzed:	Analyst:	Method Ref.:	Reported Detection Limits	RESULTS	Units
p-Terphenyl-d14 (Surrogate)	03/07/97	JW	SW846 8270		89 %	ug/kg
VOC's REPORT						
Acetone	03/26/97	DJ	SW846-8260	50	Not detected	ug/Kg
Benzene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromodichloromethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromoform	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Bromomethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Butanone (MEK)	03/26/97	DJ	SW846-8260	50	Not detected	ug/Kg
Carbon disulfide	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Carbon tetrachloride	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chlorobenzene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloroethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Chloroethylvinyl ether	03/26/97	DJ	SW846-8260	50	Not detected	ug/Kg
Chloroform	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Chloromethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Dibromochloromethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichlorobenzene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,3-Dichlorobenzene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,4-Dichlorobenzene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloroethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1-Dichloroethene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,2-Dichloroethene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,2-Dichloroethene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,2-Dichloropropane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
cis-1,3-Dichloropropene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
trans-1,3-Dichloropropene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Ethylbenzene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
2-Hexanone	03/26/97	DJ	SW846-8260	50	Not detected	ug/Kg
Methylene chloride	03/26/97	DJ	SW846-8260	40	Not detected	ug/Kg
4-Methyl-2-pentanone (MIBK)	03/26/97	DJ	SW846-8260	50	Not detected	ug/Kg
Styrene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2,2-Tetrachloroethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Tethrachloroethene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Toluene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,1-Trichloroethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
1,1,2-Trichloroethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichloroethene	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Trichlorofluoromethane	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
Vinyl acetate	03/26/97	DJ	SW846-8260	100	Not detected	ug/Kg
Vinyl chloride	03/26/97	DJ	SW846-8260	2	Not detected	ug/Kg
Xylenes (Total)	03/26/97	DJ	SW846-8260	5	Not detected	ug/Kg
VOC's QC REPORT						
1,2-Dichloroethane-d4 (Surrogate)	03/26/97	DJ	SW846-8260		88 %	ug/Kg
Toluene-d8 (Surrogate)	03/26/97	DJ	SW846-8260		102 %	ug/Kg
Bromofluorobenzene (Surrogate)	03/26/97	DJ	SW846-8260		114 %	ug/Kg

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CASE NARRATIVE

Project Number: **12228**

Client Name: **Atlanta Environmental Management, Inc.**

The following problems were encountered with this project:

1) The following sample(s) required dilution raising the Reported Detection Limits due to high analyte concentrations:

GASOLINE RANGE ORGANICS
UST-1, 10-12'

BTEX
UST-1, 10-12'*

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
SG-1, 0-2' OS-1, 8-10' OS-2, 4-6' OS-3, 8-10'

*The recovery for one surrogate was outside of acceptable limits due to matrix interferences. The remaining surrogate(s) was within limits.

2) The following sample(s) required dilution raising the Reported Detection Limits due to matrix interferences:

VOC's
SG-1,0-2'**

**The recovery for one surrogate was outside of acceptable limits due to matrix interferences. The remaining surrogate(s) was within limits.

3) The recovery for one surrogate for the following sample(s) was outside of acceptable limits due to matrix interferences:

VOC's
OS-1, 8-10' OS-3, 8-10' OS-4, 4-6'

The remaining surrogates were within limits.

No other problems were encountered with this project.

Phillip G. Mitchell
Quality Assurance Manager

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30071, Phone (770) 449-8800

CASE NARRATIVE

Project Number: **12352**

Client Name: **Atlanta Environmental Management**

No problems were encountered with this project.

Raymond H. Terhune
Laboratory Manager

0607

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Atlanta Environmental
Address:
Contact Name: Tony Gordon
Contact Phone # 329 9006 Fax #
Project Name: Mohawk - Diamond Carpets
Client Project # 790-02
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N Page 1 OF 1
QC Level: N 1 2 3 4 Init/Temp: QBJ 20C
Entered into LIMS: 3-17-97 DM AAL Project # 12352
Sample Condition: Good

Samplers: (signature)

Samplers: (printed) Michael Dickinson

Station #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	VOCs	Semi - VOCs	Dissolved Metals*	Remarks	AAL#: AB
TW-9	3/12/97 1715		X	W	✓		5	✓	✓	✓		15127
TW-10	" 1645		X	W	✓		4	✓	✓	✓		15128
TW-11	" 1800		X	W	✓		4	✓	✓	✓		15129
TWW-1	3/17/97 1245		X	W	✓		1			✓		15130
Trip Blank	↓		X	W	Y		2	✓				15131

ANALYSIS REQUESTED

* Field Filtered, RCRA Metals

Relinquished By	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
	3/17/97 1450			
Relinquished By:	Date / Time	Received At Laboratory By:	Date / Time	Turnaround Time Requested:
			3/17/97 14:50	Results by 3/20/97 (Rush)

(C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

0449

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Atlanta Environmental mgmt
Address: 2580 NE. Expressway
Contact Name: Tony Gordon
Contact Phone # 404-329-9006 Fax # 404-329-2057
Project Name: Mohawk/Diamond Eton
Client Project # 791-01
Client P.O. #

For Laboratory Use Only
Custody Seal: Y (N)
QC Level: N 1 2 3 4
Entered into LIMS: JT
Sample Condition: OK
Page 1 OF 2
Init/Temp: 4°C JT
AAL Project # 12281

Samplers: (signature) [signature]
Samplers: (printed) John McIntosh

Station #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	BTEX	VOC	Semi-VOL	PAH	Total RCRA metals	Dissolved RCRA metals				Remarks	AAL#: AB
TW-1	3/7 0858		✓	W	✓		3	✓										14672
TW-2	3/7 0928		✓	W	✓		5		✓	✓			✓					14673
TW-3	3/7 1345		✓	W	✓		5		✓	✓			✓					14674
TW-4	3/7 1015		✓	W	✓		5		✓	✓			✓					14675
TW-5	3/7 1130		✓	W	✓		5		✓		✓		✓					14676
TW-6	3/7 1200		✓	W	✓		5		✓	✓			✓					14677
TW-7	3/7 1500		✓	W	✓		5		✓	✓			✓					14678
TW-8	3/7 1250		✓	W	✓		5		✓	✓		✓						14679
Trip blank	3/7			W			2		✓									14680

Remarks: samples some labels may be marked Eaton they should be Eton

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
[signature]	3/7/97 1800			
Relinquished By:	**Date / Time**	**Received At Laboratory By:**	**Date / Time**	**Turnaround Time Requested:**
		[signature]	3/7/97 1805	standard

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

ACCURA ANALYTIC LABORATORY, INC.
Environmental Analytical Services
6017 Financial Drive, Norcross, GA 30071
Phone # (404) 449-8800 Fax # (404) 449-5477

5163

CHAIN OF CUSTODY

Company Name: ATLANTA Environmental Management, Inc
Address: 2580 NE Expressway, Atlanta, GA
Contact Name: Tony Gordon / Mark Potts
Contact Phone # (404) 325-9006 Fax # (404) 325-2057
Project Name: ETON – Diamond Carpit Mill (MOHAWK)
Client Project # 790-01
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N
QC Level: N 1 2 3 4
Entered into LIMS: 25
Sample Condition: good
Page 1 OF 5
Init/Temp: 25 4°C
AAL Project # 12229

Samplers: (signature) Tony L Gordon
Samplers: (printed) Tony L Gordon

Station #	1997 Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	ANALYSIS: GRO (8015)	BTEX (8260/8020)	TPH (418.1)	VOC's (8260)	RCRA Metals (6010)				Remarks	AAL #
UST-1, 2-3'	2/24, 1315		X	S		ETON	2									HOLD	14395
UST-1, 5-7'	2/24, 1325		X	S		"	2									HOLD	14396
UST-1, 10-12'	2/24, 1340		X	S		"	2	X	X								14397
UST-2, 2-4'	2/24, 1400		X	S		"	2									HOLD	14398
UST-2, 5-7'	2/24, 1410		X	S		"	2									HOLD	14399
UST-2, 10-12'	2/24, 1500		X	S		"	2	X	X								14400
SG-1, 0-2'	2/24 1600		X	S		"	2			X	X	X					14401
SG-1, 4-6'	2/24 1610		X	S		"	2									HOLD	14402
SG-1, 8-10'	2/24 1620		X	S		"	2									HOLD	14403
SG-2, 0-2'	2/24 1630		X	S		"	2									HOLD	14404

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Tony L Gordon	2/20/97 1755			
Relinquished By:	Date / Time	Received At Laboratory By:	Date / Time	Turnaround Time Requested:
		Alan R. Walter	2-20-97 17:55	std turnaround

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

06539

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Atlanta Environmental Management, Inc.
Address: 2580 NE Expressway, Atlanta GA
Contact Name: Tony Gordon / Mark Betts
Contact Phone # (404) 329-9026 Fax # (404) 329-2057
Project Name: ETON - Diamond Carpet Mill (MOHAWK)
Client Project # 790-01
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N
Page 2 OF 5
QC Level: N 1 2 3 4
Init/Temp: TB 4°C
Entered into LIMS: TB
AAL Project # 12228
Sample Condition: good

Samplers: (signature) [signature]
Samplers: (printed) Tony L Gordon

Station #	1997 Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	TPH (418.1)	VOC's (8260)	RCRA metals (6010)							Remarks	AAL#: AB
SG-2, 4-6'	2/24, 1640		X	S		ETON	2	X	X									14405
SG-2, 8-10'	2/24, 1700		X	S		"	2										HOLD	14406
UO-1, 0-2'	2/24, 1730		X	S		"	2	X										14407
UO-1, 4-6'	2/24, 1740		X	S		"	2										HOLD	14408
UO-1, 8-10'	2/24, 1745		X	S		"	2										HOLD	14409
UO-2, 0-2'	2/25, 0805		X	S		"	2	X										14410
UO-2, 4-6'	2/25 0815		X	S		"	2										HOLD	14411
UO-2, 8-10'	2/25, 0830		X	S		"	2										HOLD	14412
NG-1, 1'	2/25, 1055		X	S		"	2	X	X	X								14413
NG-1, 3'	2/25, 1110		X	S		"	2										HOLD	14414

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Tony Gordon [signature]	2/26/97 1755			
Relinquished By:	**Date / Time**	**Received At Laboratory By:**	**Date / Time**	**Turnaround Time Requested:**
		[signature] Walton	2-28-97 12:55	std turn Around

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

96540

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Atlanta Environmental Management, Inc
Address: 2500 NE Expressway, Atlanta, GA
Contact Name: Tony Gordon / Mark Potts
Contact Phone # (404) 329-9006 Fax # (404) 329-2057
Project Name: ETON - Diamond Carpit Mill (Mohawk)
Client Project # 790-01
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N Page 3 OF 5
QC Level: N 1 2 3 4 Init/Temp: 26 YPC
Entered into LIMS: 2B AAL Project # 12228
Sample Condition: good

Samplers: (signature) Tony L Gordon
Samplers: (printed) Tony L Gordon

Station #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	TPH (418.1)	VOC's (8260)	PAH's (8270)						Remarks	AAL#: AB
OS-1, 0-2'	1997 2/25, 0900		X	S		ETON	2									HOLD	14415
OS-1, 4-6'	2/25, 0915		X	S		"	2									HOLD	14416
OS-1, 8-10'	2/25, 0925		X	S		"	2	X	X								14417
OS-2, 4-6'	2/25, 0955		X	S		"	2	X	X								14418
OS-2, 8-10'	2/25, 1005		X	S		"	2									HOLD	14419
OS-3, 4-5'	2/25, 1150		X	S		"	2									HOLD	14420
OS-3, 8-10'	2/25, 1210		X	S		"	2	X	X								14421
OS-4, 4-6'	2/25, 1330		X	S		"	2	X	X								14422
OS-4, 8-10'	2/25, 1340		X	S		"	2									HOLD	14423
AST-1, 2-4'	2/25, 1420		X	S		"	2	X		X							14424

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Tony L Gordon	2/26/97 1755			
Relinquished By:	Date / Time	Received At Laboratory By:	Date / Time	Turnaround Time Requested:
		Mark A. White	2-26-97 17:55	std turnaround

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

06541

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Atlanta Environmental Management Inc.
Address: 2580 NE Expressway, Atlanta, GA
Contact Name: Tony Gordon / Mark Potts
Contact Phone # (404) 329-9076 Fax # (404) 329-2057
Project Name: ETON - DIAMOND Carpet Mill (NOHRA)
Client Project # 790-01
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N Page 1 OF 5
QC Level: N 1 2 3 4 Init/Temp: 26 4°C
Entered into LIMS: 26 AAL Project # 12229
Sample Condition: good

Samplers: (signature) Tony L Gordon
Samplers: (printed) Tony L Gordon

Station #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	TPH (418.1)	VOC's (8260)	PAH's (8270)						Remarks	AAL#: AB
AST-1, 6-8'	2/25, 1440		X	S		ETON	2									HOLD	14425
AST-2, 2-4'	2/25, 1540		X	S		"	2	X		X							14426
AST-2, 6-8'	2/25, 1555		X	S		"	2									HOLD	14427
AST-3, 2-4'	2/25, 1450		X	S		"	2	X		X							14428
AST-3, 6-8'	2/25, 1505		X	S		"	2									HOLD	14429
AST-4, 2-4'	2/25, 1615		X	S		"	2	X		X							14430
AST-4, 6-8'	2/25, 1635		X	S		"	2									HOLD	14431
WS-1, 1-2'	2/25, 1700		X	S		"	2									HOLD	14432
WS-1, 4-6'	2/25, 1705		X	S		"	2	X	X								14433
WS-1, 8-10'	2/25, 1720		X	S		"	2									HOLD	14434

ANALYSIS REQUESTED

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Tony L Gordon	2/28/97 1755			
Relinquished By:	**Date / Time**	**Received At Laboratory By:**	**Date / Time**	**Turnaround Time Requested:**
		Ala Rubin	2-28-97 17:55	std turnaround

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Atlanta Environmental Management, Inc.
Address: 2580 NE Expressway, Atlanta, GA
Contact Name: Mark Potts / Tony Gordon
Contact Phone # (404) 329-9006 Fax # (404) 329-2057
Project Name: ETON - Diamond Carpet Mill (NOHAZ)
Client Project # 790-01
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N Page 5 OF 5
QC Level: N 1 2 3 4 Init/Temp: 25 VC
Entered into LIMS: 25 AAL Project # 12228
Sample Condition: good

Samplers: (signature) Tony L Gordon
Samplers: (printed) Tony L Gordon

Station #	1997 Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	TPH (418.1)	VOC's (8260)	TOTAL Metals (6010)		GRO (8015)	BTEX (8260/8020)			Remarks	AAL#: AB
WS-2, 1-3'	2/26, 0820		X	S		ETON	2									HOLD	14435
WS-2, 4-6'	2/26, 0830		X	S		"	2	X	X								14436
WS-2, 8-10'	2/26, 0845		X	S		"	2									HOLD	14437
DD-1, 8-10'	2/26, 0955		X	S		"	2	X	X	X							14438
DD-2, 1-3'	2/26, 1030		X	S		"	2									HOLD	14439
DD-2, 4-6'	2/26, 1040		X	S		"	2	X	X	X							14440
LS-1, 2-4'	2/26, 1510		X	S		"	1		X								14441
LS-2, 2-4'	2/26, 1525		X	S		"	1		X								14442
LS-3, 2-4'	2/26, 1540		X	S		"	1		X								14443
UST-3 2-4	2/24, 1600		X	S		"	2					X	X				14444

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Tony L Gordon	2/25/97 1755			
Relinquished By:	Date / Time	Received At Laboratory By:	Date / Time	Turnaround Time Requested:
		Mary R. Walton	2-28-97 17:55	std turnaround

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

HW D 14445

ATTACHMENT H

DATABASE SEARCH REPORT

SUBJECT PROPERTY: Eton Mill
Hwy 411 North
Eton, GA 30724

ORDERED BY: Regulatory Department

ERIIS DISCLAIMER

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ERIIS Custom Detail Radius Statistical Profile

ERIIS Report #143077A

Jan 29, 1997

SITE: Eton Mill
Hwy 411 North
Eton, GA 30724

Latitude: 34.833949
Longitude: -84.758927

State: GA

DATABASE	RADIUS (MI)	TARGET AREA**	PROPERTY-1/4	1/4-1/2	1/2-1	>1	TOTAL
NPL	1.00		0	0	0		0
CERCLIS	0.50		0	0			0
RCRIS_TS	1.00		0	0	0		0
RCRIS_LG	0.25		0				0
RCRIS_SG	0.25		0				0
ERNS	0.25		0				0
LRST	0.50		0	0			0
RST	0.25		0				0
SWF	NR						0
HWS	1.00		0	0	0		0
NFRAP	0.50		0	0			0
DOCKET	1.00		0	0	0		0
FINDS	0.25		0				0
OPENDUMP	NR						0
MSITES	0.50		1	0			1
SPILLS	0.25		0				0
			1	0	0	0	1

Radon Zone Level: 3

Zone 3 has a predicted average indoor screening level < 2 pCi/L

A Radon Zone should not be used to determine if individual homes need to be tested for radon.
The EPA's Office of Radiation and Indoor Air (202/233-9320) recommends that all homes be tested for radon, regardless of geographic location or the zone designation in which the property is located.

target area is defined as a .02 mile buffer around the site's latitude and longitude.
blank radius count indicates that the database was not searched by this radius per client instructions.
NR in a radius count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.

NPL

Date of Data: 05/01/96
Release Date: 05/13/96
Date on System: 07/26/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

National Priorities List

The NPL Report, also known as the Superfund List, is an EPA listing of uncontrolled or abandoned hazardous waste sites. The list is primarily based upon a score which the site receives from the EPA's Hazardous Ranking System. These sites are targeted for possible long-term remedial action under the Superfund Act of 1980.

CERCLIS

Date of Data: 05/01/96
Release Date: 05/13/96
Date on System: 07/19/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8730

Comprehensive Environmental Response, Compensation, and Liability Information System

The CERCLIS Database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL). As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from the CERCLIS Database.

RCRIS_TS

Date of Data: 05/10/96
Release Date: 06/10/96
Date on System: 07/19/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Treatment, Storage, And Disposal Facilities

The RCRIS_TS Report contains information pertaining to facilities which either treat, store, or dispose of EPA regulated hazardous waste. The following information is also included in the RCRIS_TS Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS_LG

Date of Data: 05/10/96
Release Date: 06/10/96
Date on System: 07/19/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Large Quantity Generators

The RCRIS_LG Report contains information pertaining to facilities which either generate more than 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. The following information is also included in the RCRIS_LG Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS_SG

Date of Data: 05/10/96
Release Date: 06/10/96
Date on System: 07/19/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Small Quantity Generators

The RCRIS_SG Report contains information pertaining to facilities which either generate between 100kg and 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. On advice of the U.S. EPA, ERIIS does not report so-called "RCRA Protective Filers." Protective Filers, commonly called Conditionally Exempt Small Quantity Generators (CESQG's), are facilities that have completed RCRA notification paperwork, but are not, in fact, subject to RCRA regulation. The determination of CESQG status is made by the U.S. EPA. The following information is also included in the RCRIS_SG Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ERNS

Date of Data: 08/22/96
Release Date: 08/26/96
Date on System: 11/22/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-2342

Emergency Response Notification System

ERNS is a national computer database system that is used to store information concerning the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS Reporting System contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party. Please note that the information in the ERNS Report pertains only to those releases that occured between January 1, 1996 and August 22, 1996.

LRST

Date of Data: 10/10/96
Release Date: 10/29/96
Date on System: 11/22/96
GA Dept. of Natural Resources
Underground Storage Tank Program
404/362-2687

Georgia Leaking Underground Storage Tank Report

The Georgia Leaking Underground Storage Tank Report is a comprehensive listing of all reported leaking underground storage tanks within the State of Georgia.

RST

Date of Data: 01/29/96
Release Date: 07/02/96
Date on System: 08/16/96
GA Dept. of Natural Resources
UST Management Program
404/362-2689

Georgia Underground Storage Tank Report

The Georgia Underground Storage Tank Report isaA comprehensive listing of all registered active and inactive underground storage tanks located within the State of Georgia.

SWF

Date of Data: 08/11/96
Release Date: 08/19/96
Date on System: 09/20/96
GA Dept. of Natural Resources
Land Protection Division
404/362-2692

Georgia Solid Waste Facilities

The Georgia Solid Waste Facility Report contains information pertaining to all active and permitted solid waste landfills and disposal sites operating within the State of Georgia.

HWS

Date of Data: 07/18/96
Release Date: 12/10/96
Date on System: 12/16/96
GA Dept. of Natural Resources
Hazardous Response Division
404/657-8600

Georgia Hazardous Sites Inventory

The Georgia Hazardous Sites Inventory is a comprehensive listing of those facilities which are deemed as potentially hazardous to the public health and welfare by the Georgia Department of Natural Resources.

NFRAP

Date of Data: 05/01/96
Release Date: 05/13/96
Date on System: 08/02/96
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

No Further Remedial Action Planned Sites

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS Database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

DOCKET

Date of Data: 10/23/96
Release Date: 11/08/96
Date on System: 12/13/96
US Environmental Protection Agency
Office of Enforcement
202/564-4114

Civil Enforcement Docket

The Civil Enforcement Docket is the U.S. Environmental Protection Agency's system for tracking civil judicial cases filed on the Agency's behalf by the U.S. Department Of Justice. This report contains information on cases from 1972 to the present.

FINDS

Date of Data: 05/10/96
Release Date: 06/10/96
Date on System: 08/23/96
US Environmental Protection Agency
Office of Information Resources Management
800/908-2493

Facility Index System

The FINDS Report is a computerized inventory of all facilities that are regulated or tracked by the U.S. Environmental Protection Agency. These facilities are assigned a unique identification number which serves as a cross-reference for other databases in the EPA's Program System. Each FINDS record indicates the EPA Program Office which is responsible for the tracking of the facility.

OPENDUMP

Date of Data: 01/01/90
Release Date: 01/01/91
Date on System: 01/01/92
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4687

Open Dumps Report

The Resource Conservation and Recovery Act defines the term "Open Dump" to mean "...any facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under Section 4004 and which is not a facility for the disposal of hazardous waste." Thus, any facility which fails to comply with any one element of the criteria is considered to be an Open Dump.

MSITES

Date of Data: 05/31/96
Release Date: 09/03/96
Date on System: 09/13/96
Rindt-McDuff Associates, Inc.
Consulting Engineers
770/427-8123

Georgia Non-Hazardous Sites Inventory

The Georgia Non-Hazardous Site Inventory (NON-HSI) contains information concerning contaminated and potentially contaminated sites which are not deemed as a hazard to the public health and welfare.

SPILLS
Date of Data: 09/03/96
Release Date: 10/01/96
Date on System: 10/25/96
GA Dept. of Natural Resources
Emergency Response Team
404/656-6905

Georgia Spills Report

The Georgia Spills Report contains summary information pertaining to all reported hazardous materials spills that have occurred within the State of Georgia.

If a selected database does not appear on this list, it is not available for the subject property's state.

Summary of Plottable sites

ERIIS Report #143077A

Jan 29, 1997

ERIIS ID. / BASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
	0 - 1/4 Miles			
13050000520 MSITES	Acs Fibers 365 Eton Industrial Dr. Eton, GA County: Murray	.159 Mi	SOUTHEAST	1

ERIIS ENVIRONMENTAL DATA REPORT
GEORGIA MASTER SITES LIST
MSITES - PLOTTABLE SITES - PAGE 1

ERIIS Report #143077A

Jan 29, 1997

ERIIS ID	FACILITY	ADDRESS	MAP ID
13050000520	Acs Fibers DISTANCE FROM SITE: .159 Miles DIRECTION FROM SITE: Southeast	365 Eton Industrial Dr. Eton, GA COUNTY: Murray	1

Summary of Unplottable sites

ERIIS Report #143077A

Jan 29, 1997

ERIIS ID. / BASE	FACILITY / ADDRESS / COMMENTS	SELECTED BY
13003003391 FINDS	D & W Carpet & Rug Co Inc Hwy 411 North Eatonton, GA 30724 County: Murray	ZIP code
13010008338 RST	Favorite Market #11 Eton, GA 30724 County: Murray	ZIP code
13008004044 RCRIS_SG	Acs Fibers 365 Industrial Blvd Eton, GA 30724 County: Murray	ZIP code
13003011801 FINDS	Acs Fibers 365 Industrial Blvd Eton, GA 30724 County: Murray	ZIP code
13010008297 RST	Cohutta Work Center Holly Creed Rd/4 Mi East Of Town Eton, GA 30724 County: Murray	ZIP code
13003013875 FINDS	Beaulieu United D&w Mfg Plt Hwy 411 N Eton, GA 30724 County: Murray	ZIP code
13003003397 FINDS	Diamond Carpet & Rug Hwy 411 N Eton, GA 30724 County: Murray	ZIP code
13008000697 RCRIS_SG	D & W Carpet & Rug Co Inc Hwy 411 North Eton, GA 30724 County: Murray	ZIP code
13008000703 RCRIS_SG	Diamond Carpet & Rug Hwy 411 North Eton, GA 30724 County: Murray	ZIP code
13003004372 FINDS	Browning Mfg Div Old Federal Rd Eton, GA 30724 County: Murray	ZIP code
13010008345 RST	Favorite Market #99 Us Hwy 411 At Ga Hwy 286 Eton, GA 30724 County: Murray	ZIP code
13010008336 RST	Floyd Pike Elect Contr Inc Us Hwy 411 North Eton, GA 30724 County: Murray	ZIP code
13018000104 SWF	Murray Co Us 411 Westside GA County: Murray	County

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_SG - UNPLOTTABLE SITES

ERIIS Report #143077A

Jan 29, 1997

ERIIS ID / EI	FACILITY	ADDRESS
13008000697 GAD981219819	D & W Carpet & Rug Co Inc	Hwy 411 North Eton, GA 30724 County: Murray

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

1.	WASTE CODE:	D001	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		

13008000703 GAD981219884	Diamond Carpet & Rug	Hwy 411 North Eton, GA 30724 County: Murray

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

1.	WASTE CODE:	D000	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		
2.	WASTE CODE:	D001	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		

13008004044 GA0000109686	Acs Fibers	365 Industrial Blvd Eton, GA 30724 County: Murray

.acility Is Not Reported In Raats

HAZARDOUS WASTES:

1.	WASTE CODE:	D000	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		
2.	WASTE CODE:	D001	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		
3.	WASTE CODE:	D018	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		
4.	WASTE CODE:	D039	AMOUNT OF WASTE:	.00000
	SOURCE OF INFO:	Notification		

ERIIS ID
FACILITY ID
OF ID FACILITY ADDRESS

13010008297 Cohutta Work Center Holly Creed Rd/4 Mi East Of Town
1050002 Eton, GA 30724
1050002 COUNTY: Murray

OWNER: Usda Forest Service CONTACT: (404) 695-3134
401 Old Ellijay Rd
Chatsworth, GA 30705

TANK ID: 7-1 YEAR INSTALLED: 02/15/79 AGE: 16 CAPACITY: 1000
SUBSTANCE: Gasoline STATUS: Removed From Ground Unk
MATERIAL: Steel CLOSED: Unk
TANK ID: 7-2 YEAR INSTALLED: 02/17/71 AGE: 24 CAPACITY: 560
SUBSTANCE: Diesel STATUS: Removed From Ground Unk
MATERIAL: Steel CLOSED: Unk
TANK ID: 7-3 YEAR INSTALLED: 02/17/71 AGE: 24 CAPACITY: 500
SUBSTANCE: Water STATUS: Permanently Out Of Use
MATERIAL: Steel CLOSED:

13010008336 Floyd Pike Elect Contr Inc Us Hwy 411 North
1050048 Eton, GA 30724
1470102 COUNTY: Murray

OWNER: Floyd Pike Electrical Contractors CONTACT: (404) 695-7161
351 Riverside Dr
Mount Airy, NC 27030

TANK ID: 1 YEAR INSTALLED: 05/08/85 AGE: 10 CAPACITY: 10000
SUBSTANCE: Diesel STATUS: Currently In Use
MATERIAL: Lined Interior Fiberglass/ CLOSED:
TANK ID: 2 YEAR INSTALLED: 05/10/78 AGE: 17 CAPACITY: 500
SUBSTANCE: Used Oil STATUS: Currently In Use
MATERIAL: Steel CLOSED:

13010008338 Favorite Market #11 Not Reported
1050050 Eton, GA 30724
143 COUNTY: Murray

OWNER: Larry Martin CONTACT: E Co Of Dalton, Inc (706) 226-4834
1503 North Tibbs Rd 1503 North Tibbs Rd
Dalton, GA 30720 Dalton, GA 30720

TANK ID: R YEAR INSTALLED: 01/04/73 AGE: 23 CAPACITY: 8000
SUBSTANCE: Gasoline STATUS: Removed From Ground 07-
MATERIAL: Steel CLOSED: Unk
TANK ID: UL YEAR INSTALLED: 01/04/73 AGE: 23 CAPACITY: 8000
SUBSTANCE: Gasoline STATUS: Removed From Ground 07-
MATERIAL: Steel CLOSED: Unk

13010008345 Favorite Market #99 Us Hwy 411 At Ga Hwy 286
1050058 Eton, GA 30724
143 COUNTY: Murray

OWNER: Larry Martin CONTACT: Tonia Lockman (706) 226-4834
1503 North Tibbs Rd 1503 North Tibbs Rd
Dalton, GA 30720 Dalton, GA 30720

TANK ID: 1 YEAR INSTALLED: 06/19/86 AGE: 9 CAPACITY: 10000
SUBSTANCE: Gasoline STATUS: Currently In Use
MATERIAL: Cathodically Prot. Steel CLOSED:
TANK ID: 2 YEAR INSTALLED: 06/19/86 AGE: 9 CAPACITY: 10000
SUBSTANCE: Gasoline STATUS: Currently In Use
MATERIAL: Cathodically Prot. Steel CLOSED:
TANK ID: 3 YEAR INSTALLED: 06/19/86 AGE: 9 CAPACITY: 10000
SUBSTANCE: Gasoline STATUS: Currently In Use
MATERIAL: Cathodically Prot. Steel CLOSED:
TANK ID: 4 YEAR INSTALLED: 06/19/86 AGE: 9 CAPACITY: 2000
SUBSTANCE: Kerosene STATUS: Currently In Use
MATERIAL: Cathodically Prot. Steel CLOSED:

ERIIS ENVIRONMENTAL DATA REPORT
GEORGIA SOLID WASTE FACILITIES
SWF - UNPLOTTABLE SITES

ERIIS Report #143077A

Jan 29, 1997

ERIIS ID PERMIT NO.	FACILITY	MAILING ADDRESS
000104 105-011D (SL)	Murray Co Us 411 Westside COUNTY: Murray	Po Box 1129 Chatsworth, GA 30705

CONTACT: Jimmie Witherow 706-695-2413

ERIIS ENVIRONMENTAL DATA REPORT
FACILITY INDEX SYSTEM
FINDS - UNPLOTTABLE SITES

ERIIS Report #143077A Jan 29, 1997

ERIIS ID / EPA ID	FACILITY	ADDRESS
13003003391 GAD981219819	D & W Carpet & Rug Co Inc	Hwy 411 North Eatonton, GA 30724 COUNTY: Murray

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	11/30/95

ERIIS ID / EPA ID	FACILITY	ADDRESS
13003003397 GAD981219884	Diamond Carpet & Rug	Hwy 411 N Eton, GA 30724 COUNTY: Murray

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	11/30/95
AFS/AIRS	09/16/93

ERIIS ID / EPA ID	FACILITY	ADDRESS
13003004372 GAD981237845	Browning Mfg Div	Old Federal Rd Eton, GA 30724 COUNTY: Murray

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	09/24/93

ERIIS ID / EPA ID	FACILITY	ADDRESS
13003011801 GA 0109686	Acs Fibers	365 Industrial Blvd Eton, GA 30724 COUNTY: Murray

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	08/03/95

ERIIS ID / EPA ID	FACILITY	ADDRESS
13003013875 GA0001407410	Beaulieu United D&w Mfg Plt	Hwy 411 N Eton, GA 30724 COUNTY: Murray

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
STATE	Not Reported

ERIIS LIST OF STREETS IN THE RADIUS

ERIIS Report #143077A

Jan 29, 1997

STREET NAME
1ST AVE W
1ST AVE EXT
2ND AVE
3RD AVE E
3RD AVE EXT
4TH AVE
5TH AVE W
6TH AVE W
8TH AVE E
CCC CAMP ROAD
COFFEY ROAD
FRANKLIN DR
GLENN ST
HALL ROAD
HARRIS ST
HIGHWAY 286
HIGHWAY 411 N
KEENER ROAD
LONG ROAD
MERRITT ST
MURRAY ST
OLD FEDERAL ROAD N
PAT LOUGHRIDGE ROAD
RED CUT ROAD
STRICKLAND DR
WALKER ROAD

CONESTOGA-ROVERS
& ASSOCIATES

8-1-02 Talked to Tom Lawrence w/ CR+A

Antonia Reavers W/EPD is OK with the legal edits in 7/31 Chatsworth times & just wants a copy. Tom will get me cost proposal info on permanganate injection Pilot trial for PCE groundwater remediation

See page 21

COMPLIANCE STATUS REPORT
FORMER DIAMOND RUG AND CARPET MILLS
ETON PLANT
HSI SITE NUMBER: 10534

MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Prepared For:
Mohawk Industries, Inc.

JULY 2002
REF. NO. 14170(2)
This report is printed on recycled paper.

COMPLIANCE STATUS REPORT

Mohawk Industries, Inc. - Eton Plant
4140 North Highway 411
Eton, Georgia
HSI Site No. 10534

CERTIFICATION OF COMPLIANCE

I certify under penalty of law that this report and all attachments were prepared under my direction 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.

Based on my review of the findings of this report with respect to the risk reduction standards of the Rules for Hazardous Site Response, Rule 391-3-19.07, I have determined that the Site is not in compliance with any Type of risk reduction standards due to the presence of tetrachloroethene in groundwater.

For Mohawk Industries, Inc:

Salvatore J. Perillo
Printed Name

Salvatore J. Perillo
Signature

COMPLIANCE STATUS REPORT

Mohawk Industries, Inc. - Eton Plant
4140 North Highway 411
Eton, Georgia
HSI Site No. 10534

CERTIFICATION OF GROUNDWATER REPORT

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction.

Thomas A. Lawrence, P.G. #1385
Printed Name (Professional Geologist)

Signature (Professional Geologist)

TABLE OF CONTENT

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1.0 INTRODUCTION

1.1 PURPOSE

Conestoga-Rovers & Associates (CRA) has prepared this Compliance Status Report (CSR) on behalf of Mohawk Industries, Inc., Eton, Murray County, Georgia (facility or Property). This CSR is in response to the December 27, 2001 CSR call-in letter issued by the Environmental Protection Division of the Georgia Department of Natural Resources (EPD) for the facility. This facility is listed as Site Number 10534 on the Hazardous Sites Inventory (HSI).

The purpose of this CSR is to describe current environmental conditions at the Site and to determine the status of the facility's compliance with Risk Reduction Standards that are provided in Chapter 391-3-19 of Georgia's Rules for Hazardous Site Response (hereafter, the "Rules"). The Rules were promulgated under authority of the Hazardous Site Response Act (HSRA) OCGA § 12-8-90 et seq. (1992).

The Site consists of a small area within the Property that has been affected by a release of regulated substances. The release occurred at the former Diamond Rug and Carpet-Eton Plant facility which is presently owned and operated by Mohawk Industries, Inc. The facility is located at 4140 North Highway 411, on the northeast corner of the intersection of Eton Industrial Drive and U.S. Highway 411, just north of the Eton city limit, in Murray County, Georgia. Figure 1 illustrates the location of the Site.

The facility became listed on the HSI because of a detected release of tetrachloroethene [i.e., perchloroethene (PCE)] in groundwater at levels exceeding the reportable quantity. The detected release was found in a small portion of the facility near the outside and northeast portion of the main building (Site). Other regulated substances (possible PCE degradation products and/or co-contaminants of the virgin PCE) detected in groundwater samples were trichloroethene (TCE), 1,1-dichloroethane (DCA), *cis*-1,2-dichloroethene (DCE), and 1,1,1-trichloroethane (TCA). Benzene and selenium were also detected at the facility, but not in groundwater from monitoring wells associated with the Site. PCE and TCE were also identified in on-Site soil samples, however, at concentrations below Notification Concentrations for soil.

1.2 REPORT ORGANIZATION

The CSR is organized to address the informational requirements described in Rule 301-3-19-.06(3) of the Rules. The main sections of the CSR are as follows:

- **Section 2** provides an orientation to the Property: its current physical description, history of its development, including operations and ownership, history of the Site's regulatory involvement including discovery of the release, and discussion of the suspected release areas;
- **Section 3** summarizes the investigations that have been undertaken at the Site between 1997 and 2002;
- **Section 4** presents the findings of the collective investigations, the nature and extent of the releases, and the probable sources of those releases;
- **Section 5** describes the potential environmental and human receptors of the releases, the applicable risk reduction standards, and the status of the Site's compliance with those standards;
- **Section 6** presents the Public Notifications; and,
- **Section 7** lists the general reference documents used in the preparation of this report.

2.0 PROPERTY DESCRIPTION

2.1 PHYSICAL DESCRIPTION OF PROPERTY

The Property primarily consists of a carpet manufacturing facility within a rectangular 26.35 acre parcel of land that is located at the northeast corner of US Highway 411 and Eton Industrial Drive, just north of the Eton city limit, in Murray County, Georgia. The Property location is shown on portions of USGS topographic maps (7.5 Minute Quadrangles: Chatsworth and Crandall) as presented on Figure 1.

The Property is located within an industrial area on the north side of Eton, Georgia. It is bounded on the north by a small tufting operation and undeveloped land; on the east by CSX Railroad line that is bounded further to the east by other carpet manufacturing/industrial facilities; on the south by Beaulieu Industries; and, west of US Highway 411, by Superior Carpets. The nearest residential home is approximately 1000 feet north/northwest of the Property.

2.2 PROPERTY DEVELOPMENT HISTORY

The facility consists of a steel framed building with brick, block and steel siding walls and a poured concrete floor that covers approximately 545,000 square feet (12.5 acres) of the 26.35-acre Property. Other Property features include a guardhouse, vehicle maintenance building, fire protection water tank, and two former latex holding ponds.

The facility was owned by Diamond Rug and Carpet Mills, Inc. from 1972 until 1997 Mohawk Industries, Inc. has owned and operated the facility since July 21, 1997.

The main building was first constructed in 1969 on the northern portion of the Property. The main building expanded to the east and south in various stages throughout the 1970s and 1980s. The facility conducts operations associated with the manufacture and distribution of rug and carpet products including: shipping and receiving; extrusion, warping beaming and tufting; and preparation and storage of the carpet product for shipment. Carpet dyeing operations were also conducted at the facility, but were out of service and removed from the facility in the late 1990's.

Review of the following historic aerial photographs provide the following Property development information. The information is paraphrased from data interpreted by others as provided in Appendix A (Section 3.3).

- 1950 and 1955 photographs show the Property as being undeveloped or farmland.

- 1972 photograph shows that the northern portion of the property has a building in place which is bound by dirt roads to the north and east. The remainder of the Property is covered with trees.
- 1980 and 1981 photographs show expansion of the main building to the south. A pond is shown adjacent to the northeast corner of the main building and a water tank is shown in the northwest corner of the Property.
- 1988 photograph shows continued expansion of the main building to the south and a parking area south of the building. Two ponds are shown northeast of the main building.
- 1992 photograph shows the Property is substantially in its current configuration.

Figure 2 illustrates the layout of the Property and the area of investigation.

2.3 DISCOVERY OF A RELEASE, AND REGULATORY AGENCY INVOLVEMENT

In February through May 1997, Atlanta Environmental Management, Inc. (AEM) conducted a Phase I and Phase II Environmental Assessment of the Property on behalf of Mohawk Industries, Inc. During the Phase II activities, the chlorinated volatile organic compound tetrachloroethene (PCE) was detected in two groundwater samples, with concentrations of 310 ug/L and 29 ug/L.

The two groundwater samples with VOC detections were collected from two monitoring wells located downgradient of the Dye Sump and associated Gravel Drain Field outside of the northeast portion of the main building (Dye Sump Area). The analytes detected during AEM's 1997 Phase II activities relative to the Dye Sump Area consisted of PCE and its potentially related degradation products (1,1,1-trichloroethane, 1,1-dichloroethane, *cis*-1,2-dichlorothene and trichloroethene).

Other compounds detected by AEM's 1997 Phase II activities were benzene and selenium. However, the 1997 detected concentrations of benzene and selenium were detected in areas not associated with the Dye Sump Area and also not in the two monitoring wells associated with the PCE exceedance. The AEM Phase I and Phase II Environmental Assessment (AEM Report or AEM Assessment) is presented within this CSR as Appendix A and discusses these two additional facility detected compounds.

In accordance with EPD release notification requirements, promulgated under HSRA in January 1994, the property owner notified Georgia EPD's HSRA Program of the release of chlorinated solvents to groundwater. The groundwater sample collected by AEM

that EPD used to list the Property under the HSRA Program was collected from TW-8 (310 ug/L PCE). EPD notified the property owner by letter that the Site had been listed on the HSI as Site Number: 10534.

On June 31, 2001, EPD issued a call-in letter to Mohawk Industries, Inc. requesting the preparation and submittal of a CSR by June 27, 2002. An extension was requested. A follow-up letter dated June 26, 2002 from EPD to CRA requested that the CSR be received by EPD by no later than July 28, 2002.

2.4 SUSPECTED RELEASE AREAS

Based on the AEM Assessment, the suspected release areas appear to be associated with the former Dye Sump and associated Gravel Drain Field, Septic System #5 and drain tile. The Dye Sump and related systems are no longer in service; portions of which are reported to have been removed. Figures 2 and 3 illustrate the approximate location of the former suspected release areas, which are based on Figure 1 of the AEM Report (Appendix A).

It is believed that small amounts of spent chlorinated solvents were discharged into these systems during carpet dyeing operations conducted by Diamond Rug and Carpet Mills, Inc. at the facility. No other conclusive or reported information has been discovered to date.

3.0 DESCRIPTION OF INVESTIGATIVE METHODS

In 1997, Mohawk Industries, Inc. contracted AEM to conduct a Phase I and Phase II Environmental Assessment of the Diamond Rug & Carpet Mills, Inc. facility located in Eton, Georgia. The AEM Assessment was conducted to provide baseline data prior to Mohawk's potential acquisition of the facility. The AEM Assessment consisted of various inspections and collection of numerous soil and groundwater samples for analysis from several areas of potential concern. Of the areas investigated, groundwater samples collected from near the former Dye Sump and Gravel Drain Field triggered this CSR through the HSRA process.

Subsequent to the December 27, 2001 CSR call-in letter, Mohawk Industries, Inc. contracted CRA to prepare a CSR.

It should be noted that the Property has two additional on-going investigations related to two separate underground storage tank (UST) areas that are regulated by the EPD Underground Storage Tank Management Program. Part A-Corrective Action Plans were submitted to EPD for both UST areas on September 24, 1999. One area contained one gasoline UST (Facility I.D. 9105037-1); the second area contained one used-oil UST (Facility I.D. 9105037-2). The gasoline UST area (Facility I.D. 9105037-1) has been closed requiring no further action. The used-oil UST area (Facility I.D. 9105037-2) is currently being monitored.

The following subsections detail the soil and groundwater investigations completed to date relevant to the CSR call-in. Figure 3 illustrates the borehole and well locations utilized for this investigation.

3.1 SOIL INVESTIGATIONS

Relevant to the area of concern (i.e., the Site or Dye Sump Area), the May 1997 AEM Report provides analytical data obtained from two borehole locations adjacent to the former Dye Sump and Gravel Drain Field (DD-1 and DD-2). At each location, three discrete soil samples were collected to a maximum depth of 10 feet below grade. The soil samples were screened by AES with a photoionization detector (PID). The soil sample collected from each borehole that exhibited the greatest PID response was submitted for laboratory analysis. Accura Analytical Laboratory, Inc. (Accura) analyzed the soil samples collected by AES for RCRA metals and volatile organic compounds (VOCs). Section 4.2.1 and Attachment G of the AES Report (see Appendix A) detail this portion of the soil investigation.

In May 2002, CRA subcontracted Environmental Services Network -Southeast of Kennesaw, Georgia (ESN) to provide direct push technology (DPT) drilling services and mobile laboratory services at the Site. On May 13 and 14, 2002, under the direction of CRA, ESN completed seven soil borings (BH-1 through BH-7) for the purpose of soil sampling and analysis. The sampling locations were selected in the areas considered to be near the potential source areas based on the historical information identified in the previous investigation, and to provide vertical and horizontal delineation of impacted soils beneath the Site. Additional borehole locations (BH-8 through BH-12) completed on May 15, 2002 were not utilized for the purpose of soil sampling; these locations were completed for the groundwater investigation as discussed in the following section (Section 3.2.2.1).

On June 4, 2002, under the direction of CRA, ESN completed 2 additional soil borings (BH-12 and BH-13). Initially, the soil borings were to be used for the groundwater investigation only; however, due to the limited availability of groundwater at these locations, soil samples were collected for laboratory analysis. These two sampling locations were selected to supplement the data that were collected in May 2002.

ESN advanced the boreholes using a DPT drilling rig. Prior to initiating each DPT boring, all tools and samplers were thoroughly cleaned with a hot-water pressure washer and/or Alconox wash, and potable-water rinse. New acetate liners were placed in the soil probes used to collect soil samples from each sample interval. New nitrile gloves were donned to inspect each soil sample for soil characteristics and evidence of impact and to prepare the sample for analysis. Following sampling activities, the boreholes were completed either by backfilling with bentonite-clay chips, or completed as small diameter monitoring wells. Soil descriptions and completion details were recorded by CRA and are presented on the respective Stratigraphic and Instrumentation Logs provided in Appendix B.

Select soil samples collected by CRA were field screened for the presence of VOCs by organic vapor headspace analysis using a calibrated (PID). Soil samples from each boring exhibiting the highest PID reading were generally selected for VOC analysis. PID meter response data are included on the respective boring logs as provided in Appendix B.

Soil samples collected for analysis from BH-1 through BH-7 were provided directly to ESN's on-Site mobile laboratory under chain-of-custody protocols for VOC analysis utilizing EPA SW846 Method 8260B. A summary of the analytical results provided be the on-Site mobile laboratory is presented in Table 1. The analytical report provided by ESN is provided in Appendix C.

Soil samples selected for analysis from borings BH-12 and BH-13 were placed in laboratory supplied jars, placed in an ice-filled cooler and hand delivered to Analytical Environmental Services, Inc. of Atlanta, Georgia (AES) under chain-of-custody protocols. AES analyzed the soil samples utilizing EPA SW846 Method 8260B. A summary of the fixed laboratory analytical results for each soil sample (DD-1, DD-2, BH-12 and BH-13) is presented in Table 2. The analytical data associated with DD-1 and DD-2 are detailed in Section 4.2.1 and Attachment G of the AEM Report as provided in Appendix A. The analytical report provided by AES and associated sample key are included in Appendix D.

Based on the data summarized in Tables 1 and 2, ten of the 12 soil samples submitted for VOC analysis by CRA in 2002 were reported as non-detect. A soil sample collected at BH-1 at a depth 2 feet below grade had a reported concentration of PCE of 5190 ug/Kg; no other analytes were detected in the 2-foot sample at BH-1. A deeper sample collected from BH-1 at a depth of 21 feet below grade was reported as non-detect for all VOC analytes. The soil sample collected at BH-5, 2 feet below grade, had a reported PCE concentration of 560 ug/Kg; 1,1-DCE of 10.3 ug/Kg and cis-1,2 DCE of 5.3 ug/Kg. No other VOC analytes were detected in any of the other 10 soil samples.

Additionally, two soil samples were collected by AEM in 1997 for analysis (DD-1 and DD-2). No VOC analytes were detected at DD-1. The soil sample collected at a depth of 4 to 6 feet below grade at DD-2 had a concentration of PCE reported at 10 ug/Kg and TCE at 11 ug/Kg.

Figure 4 summarizes the soil analytical data relevant to the Site.

3.2 GROUND WATER INVESTIGATIONS

3.2.1 INITIAL GROUNDWATER INVESTIGATION

The May 1997 AEM Report provides analytical data obtained from two monitoring well locations adjacent to and/or downgradient of the former Dye Sump and Gravel Drain Field (TW-7 and TW-8). At both locations a groundwater sample was collected for VOC analysis, semi-VOC analysis and RCRA metals analysis. Accura analyzed the groundwater samples collected by AEM. Section 4.2.1, Section 4.3.2 and Attachment G of the AES Report (see Appendix A) describe this portion of the groundwater investigation.

The 1997 groundwater analytical results indicated that the following chlorinated hydrocarbons were present above their maximum contaminant levels (MCLs) in groundwater samples that were collected from TW-7 and TW-8: PCE and trichloroethene (MCL of 5 ug/l).

The monitoring wells designated as TW-7 and TW-8 were either destroyed or abandoned prior to the investigation performed for this CSR. No other groundwater analytical data are known to be available for TW-7 and TW-8.

3.2.2 ADDITIONAL GROUNDWATER INVESTIGATION

3.2.2.1 PRELIMINARY WELL PLACEMENT ACTIVITIES/ GROUNDWATER SAMPLING

On May 13 through 15, 2002, under the direction of CRA, ESN completed a total of 11 borings (BH-1 through BH-11) for the purpose of groundwater sampling. The sampling locations were selected in the areas considered to be potential sources, based on the historical information identified in the previous investigation, and to provide delineation of the extent of impacted groundwater beneath the Site. The borehole locations are illustrated on Figure 3.

Utilizing peristaltic pumping techniques along with new polyethylene and silicone tubing, ESN under the direction of CRA, collected groundwater samples from the recently drilled DPT boreholes for VOC analysis. The groundwater samples from boreholes BH-1 through BH-7 and BH-9, BH-10 and BH-11 were drawn from a precleaned stainless-steel retractable DPT probe at each location. No groundwater sample was collected from borehole BH-8; BH-8 did not produce sufficient groundwater for collection of a sample.

CRA containerized the groundwater samples in laboratory preserved 40-mL glass containers for VOC analysis. The groundwater samples were directly provided to ESN's on-Site mobile laboratory under chain-of-custody protocols for analysis utilizing EPA SW846 Method 8260B. A summary of the laboratory analytical results for each groundwater sample is presented on Table 3. The analytical report provided by ESN for these groundwater samples is provided in Appendix C.

In addition, one groundwater sample was obtained by CRA from an existing monitoring well designated as MWW-1. The monitoring well was sampled because of its relative downgradient position, availability, and to complement the data collected from the boreholes. [Monitoring well MWW-1 was installed in 1999 under the direction of CRA

for the purpose of groundwater monitoring relative to a former used-oil UST site that is currently undergoing regular monitoring (EPD Facility I.D. 9105037-2)]. On May 14, 2002, CRA collected a "no-purge" groundwater sample from MWW-1 with a new Teflon bailer and containerized the groundwater sample in laboratory preserved 40-mL glass container for VOC analysis (the monitoring well was used as an initial screening location as with the samples collected from the boreholes, and therefore, was not purged). The groundwater sample was directly provided to ESN's on-Site mobile laboratory under chain-of-custody protocols for analysis utilizing EPA SW846 Method 8260B. A summary of the laboratory analytical results for the groundwater sample is presented on Table 3. The analytical report provided by ESN for this groundwater sample is provided in Appendix C. The construction details for MWW-1 are provided on the Stratigraphic and Instrumentation Log (Appendix B).

In summary, only PCE and its potential degradation products were detected in the groundwater samples that were collected during these preliminary groundwater - sampling activities. No concentrations of benzene were detected in any of the 11 groundwater samples collected and analyzed during this sampling event. Figure 5 illustrates the borehole and well locations and summarizes the associated groundwater analytical data relevant to the Site for the period of May 13 through May 15, 2002.

3.2.2.2 PERMANENT MONITORING WELL INSTALLATIONS AND GROUNDWATER SAMPLING

Based on the preliminary analytical data provided by the on-Site mobile laboratory (and associated sampling activities), five additional monitoring wells were installed to characterize groundwater conditions at the Site. On May 13 through May 16, 2002, under the direction of CRA, ESN installed five monitoring wells. Two of the 11 DPT borings advanced during CRA's soil investigation were completed as monitoring wells; BH-1 was converted into monitoring well OW-1 and BH-7 was converted into OW-2. Three additional monitoring wells (OW-3, OW-4 and OW-5) were installed during this same time period. All five monitoring wells are small-diameter (1 inch) PVC wells with 5-foot, machined 10-slot screens. Standard construction techniques for shallow environmental monitoring wells were used to install the monitoring wells. These techniques included the following: careful placement of sand-filter packs to surround each well screen and bentonite seals to isolate the monitored zones. Each new monitoring well was completed with a locking well cap and flush-mount cover set in a concrete pad. The newly installed monitoring wells were developed utilizing a peristaltic pump and new polyethylene and silicone tubing; all development water was containerized pending future disposal. Construction details for the monitoring wells are

provided on the respective Stratigraphic and Instrumentation Logs included in Appendix B. Figure 3 illustrates monitoring well locations for OW-1 through OW-5.

On May 21, 2002, CRA collected groundwater samples from the newly installed monitoring wells (OW-1 through OW-5). Prior to sampling, each newly installed well was purged of three to five casing volumes of groundwater, or until dry. The monitoring wells were purged by utilization of a peristaltic pump and new disposable polyethylene and silicone tubing. Following purging activities, the monitoring wells were sampled with new polyethylene bailers. The groundwater samples were placed into pre-cleaned laboratory-supplied sample containers (40-mL glass vials) with chemical preservative as supplied by AES and stored in an ice-filled cooler. The samples were hand delivered to AES under chain-of-custody protocols. Based on the analytical results generated from the preliminary groundwater-sampling event, AES analyzed samples for select VOCs utilizing EPA SW846 Method 8260B protocols. The analytical results for each monitoring well are presented in Table 3. The analytical reports provided by AES and associated sample keys are included in Appendix D. The monitoring well purging and sampling records are provided in Appendix E.

3.2.2.3 ADDITIONAL GROUNDWATER SAMPLING

Following CRA's review of the analytical data provided by AES for the groundwater samples collected from OW-1 through OW-5, CRA collected additional groundwater samples for analysis on May 31, 2002 and June 4, 2002. All additional groundwater sampling locations are also presented on Figure 3.

On May 31, 2002, CRA collected additional groundwater samples from seven existing monitoring wells (MWW-1, MWW-2, MWW-5, PZ-4, TW-9, TW-10, and TW-11). The monitoring existing wells were installed during other non-CSR related investigations. Monitoring wells MWW-1, MWW-2, MWW-5 and PZ-4 were previously installed relative to monitoring groundwater characteristics associated with a former used-oil UST (Facility I.D. 9105037-2). Monitoring wells TW-9, TW-10, and TW-11 were previously installed relative to the 1997 AEM sampling activities (see Appendix A/AEM Report). Prior to sampling, each well was purged of three to five casing volumes of standing groundwater, or until dry. The monitoring wells were purged by utilization of a peristaltic pump and new disposable polyethylene and silicone tubing, or with a new Teflon bailer. Following purging activities, the monitoring wells were sampled with new polyethylene or Teflon bailers. The groundwater samples were placed into pre-cleaned laboratory sample containers (40-ml glass vials) with chemical preservative as supplied by AES and stored in an ice filled cooler. The samples were hand delivered to AES under chain-of custody protocols. AES conducted select VOC analyses utilizing

EPA SW846 Method 8260B protocols. The analytical results for each monitoring well are presented in Table 4. The analytical reports provided by AES and associated sample keys are included in Appendix D. The monitoring well purging and sampling records are provided in Appendix E. Table 5 provides well screen depths and relevant elevation data.

On June 4, 2002 CRA collected one additional groundwater sample from borehole BH-12. The intent of this additional sampling was to characterize groundwater from beneath the main facility building to supplement the database in an effort to completely delineate the extent of groundwater contamination. Under the direction of CRA, ESN advanced boreholes BH-12 and BH-13 on June 4, 2002 within the main building using a specialized DPT drilling rig designed for limited access areas (the advancement of the boreholes is described in Section 3.1 of this report). Both boreholes were completed to a depth of 32 feet below grade. BH-12 remained open for a period of 5 hours prior to filling with a small volume of water. No groundwater was found at borehole BH-13. Groundwater was collected directly from the open borehole BH-12 utilizing a new polyethylene bailer. The borehole was not purged prior to collection of the sample due to the small volume of groundwater available. The groundwater sample was placed into a pre-cleaned sample container (40-ml glass vial) with chemical preservative as supplied by AES and stored in an ice filled cooler. The sample was hand delivered to AES under chain-of-custody protocols. AES conducted select VOC analyses utilizing EPA SW846 Method 8260B protocols. The analytical results for this groundwater sample are presented in Table 4. The analytical reports provided by AES and associated sample keys are included in Appendix D.

Figure 6 illustrates the groundwater analytical data relevant to the Site for the period of May 21 through June 4, 2002.

3.2.3 FIELD MEASUREMENTS OF GROUNDWATER SAMPLES AND WATER LEVELS

The groundwater removed from the monitoring wells during purging and sampling activities conducted in May 2002 were field tested for pH, conductivity, temperature and turbidity using properly calibrated meters. The results of the field measurements are shown on the monitoring well sampling records that are included in Appendix E.

In May 2002, the top of casings were surveyed by CRA using a calibrated survey level, survey rod and measuring wheel. All data were referenced to an existing common datum.

On May 21, 2002 and May 31, 2002, CRA measured water levels present in the monitoring wells used in this investigation. Measurements were completed using a calibrated electronic water level meter. Top of casing elevations, groundwater level measurement data and groundwater elevations are presented in Table 6. Figure 7 and Figure 8 illustrate water table elevations based on monitoring well water levels as measured on May 21, 2002 and May 31, 2002, respectively.

3.2.4 DETERMINATION OF GROUNDWATER FLOW DIRECTION AND FLOW RATES

The groundwater table beneath the Site lies at depths ranging from approximately 15 to 36 ft below grade with an apparent groundwater flow direction to the south and southeast, which is consistent with the local surrounding topography. Groundwater elevations for the Site wells (see Table 6) and illustrated contours generated from the elevation data, as measured on May 21, 2002 and May 31, 2002, are presented on Figures 7 and 8, respectively. The data show that watertable elevations at the Site are relatively consistent. The data suggest that localized mounding in areas surrounding the ponds to the northeast of the Site may be occurring. The data also suggest that localized mounding occurs in the vicinity of the PZ and MWW series monitoring wells.

An apparent downward vertical gradient is observed by comparison of well screen elevations and water level elevations of MWW-5 and the surrounding wells. This scenario is best illustrated by Figure 10, which represents Cross-Section A-A'. (Figure 9 illustrates the location of this cross section). Cross-Section A-A' shows that hydraulically there is a downward vertical gradient of 14 to 15 feet in the vicinity of MWW-5 and MWW-2; Based on comparison of watertable contours as depicted on Figures 7 and 8, the MWW-5 location is hydraulically cross gradient and (to a lesser extent) downgradient of the area surrounding TW-8, OW-1 and BH-5 (i.e., suspected source areas).

The horizontal hydraulic gradient at the Site varies from 0.02 ft/ft (2 percent) at the northern portion of the Site to an approximate average of 0.10 ft/ft (10 percent) at the southern portion of the Site. These horizontal hydraulic gradient estimations are based on the contours depicted on Figures 7 and 8 for May 21 and May 31, 2002. The average hydraulic gradient between the two values calculated is on the order of 0.06 ft/ft (6 percent).

In May 2002, CRA conducted hydraulic conductivity tests on two of the newly installed monitoring wells. CRA utilized a Hermit 3000 Data Logger and pressure transducer to record the changes in water levels during the field tests. The data recovered were

reduced using AQTESOLVE Version 3.01; the data are presented in Appendix F. Based on the results, the hydraulic conductivity at OW-1 is estimated as 1.366 X 10^{-5} cm/second and OW-4 has an estimated hydraulic conductivity of 8.238 X 10^{-5} cm/second. The average of the two hydraulic conductivity values is approximately 4.8 X 10^{-5} cm/second which is a typical value for silty-clay mixture.

Average linear velocity (Freeze and Cherry, 1979) of groundwater flow was calculated using the fluid velocity from Darcy's law divided by effective porosity to express flow through a porous medium:

$$V_p = \frac{K}{n_e} \times \Delta H \times 1034645.7$$

where

V_p = average linear velocity (feet/year);

K = hydraulic conductivity (centimeters/second);

ΔH = hydraulic gradient (unit-less);

n_e = effective porosity (unit-less); and

1034645.7 = conversion factor between cm/s and ft/yr.

Based on the above, assuming an average hydraulic gradient of 0.06, a hydraulic conductivity of 4.8 x 10^{-5} cm/second and an effective porosity of 0.40 (a typical value for silty-clay mixture is 40 percent), the calculated average linear velocity is on the order of 7.5 feet per year. Average linear velocity is not indicative of the actual rate of contaminant migration due to various retardation and natural attenuation processes that apply to dissolved contaminants, but not to water by itself. The average linear velocity presented above may significantly overstate the true rate of contaminant migration.

4.0 SIGNIFICANT FINDINGS OF THE COLLECTIVE INVESTIGATIONS

4.1 PROPERTY HYDROGEOLOGY

Eton, Georgia lies within the Valley and Ridge Province, just to the west of the boundary (Cartersville Fault) of the Piedmont Province. Bedrock in the area of the Valley and Ridge Province consists of marine and non-marine sedimentary rocks of early Cambrian to Carboniferous age. Depth to bedrock within the region is reported to occur at approximately 40 feet. Shallow groundwater flow in the region generally takes place under water-table conditions within the sediments above bedrock. Groundwater flow typically mimics topography.

Local, shallow stratigraphy consists of undifferentiated silts and clays of weathered limestone and possibly shales related to the upper Cambrian age Knox Group Undifferentiated or Conasauga Group Undivided formations. Shallow groundwater flow at the Property occurs under watertable conditions within the sediments above bedrock and typically follows the topographic gradients toward the floodplain of Mill Creek. Mill Creek is immediately east of the Site and flows in a southerly direction in the immediate area.

Figure 10 and Figure 11 illustrate east-west and north-south cross sections through the Site, respectively. The cross sections are generally based on the information provided by the boring logs generated by CRA (Appendix B) and other information provided in the AEM Report (Appendix A). In general, the cross sections show fill material overlying native residuum in the eastern and southern portions of the Site. Groundwater, under watertable conditions, occurs in the upper residual soils which consist predominantly of clays. No rock was encountered at the Site; the maximum borehole/well depth is 44 feet below grade.

4.2 NATURE, EXTENT AND SOURCE OF CONTAMINATION

The soil concentrations map (Figure 4) and soil analytical data presented on the cross sections (Figures 9 and 10) were generated based on the analytical results for the soil samples that were collected from the soil borings (see Tables 1 and 2, and Appendixes C and D). Based on the collective data, the soils at the Site appear to have the greatest impact from PCE and its related degradation products in the shallow soil horizon near the central portion of the Site. These areas are consistent with the potential source areas previously identified.

Groundwater concentrations maps (Figures 5 and 6) and groundwater analytical data presented on the cross sections (Figures 9 and 10) were generated based on the analytical results provided from the groundwater samples that were collected from the Site monitoring wells (see Tables 3 and 4, and Appendixes C and D). Based on the collective data, the greatest impact to groundwater at the Site appears to be related to PCE and its apparent degradation products in the central-portion of the Site, as shown by the analytical data collected from 11 of the 23 separate sampling locations (BH-1/OW-1, BH-2, BH-3, BH-5, BH-6, BH-7,/OW-2, MWW-1, TW-7, TW-8, OW-4, BH-12). These areas are consistent with the potential source areas previously identified.

Based on the data, 12 of the 23 separate groundwater sampling locations had no detectable VOC analytes (BH-4, BH-9, BH-10, BH-11, OW-3, OW-5, MWW-2, MWW-5, PZ-4, TW-9, TW-10 and TW-11). The non-detect data from these locations delineate the horizontal and vertical extent of groundwater contamination at this Site.

In summary, the extent of contamination associated with the reported release and suspect source areas has been delineated. Figure 12 illustrates the limits of the impacted area at the Site.

5.0 RISKS POSED BY CURRENT SITE CONTAMINATION

The preceding sections of the CSR describe the distribution of contamination at the Site, without regard to the contamination's potential impact on the environment. The following sections, describe what is known about potential receptors, followed by a comparison of actual concentrations at the Site to the Risk Reduction Standards (RRS) of the HSRA rules.

5.1 APPLICABLE REGULATED SUBSTANCES

Table 7 lists the regulated substances associated with the Site. Substances that were detected at the Site but are not regulated under HSRA are not included. For each listed substance, Table 7 provides the target concentrations that apply to the relavent risk reduction standards for soil and groundwater.

5.2 POTENTIAL RECEPTORS

5.2.1 POTENTIAL EXPOSURE TO SOILS

The results of the CSR activities indicate that specific VOC concentrations reported in two soil samples exceed the standardized "non residential" Type 3 Soil RRS for PCE. A comparison to the Site-specific "non residential" Type 4 Soil RRS for PCE indicates, one of these soil samples exceeds the standard. Consequently, the potential for direct human exposure (although minimal) to contaminated soil in an industrial setting exists at the Site. Further discussion regarding the applicable RRS is provided in Section 5.2 of this report.

5.2.2 POTENTIAL EXPOSURES TO SURFACE WATER

There is no naturally occurring surface water located at the Property. The ponds identified on the Property are former latex-holding ponds that have not been closed. In May 2002, the ponds were observed holding water with the water surface at a depth of approximately 5 feet below grade. A majority of the Property is paved or overlain by the main facility building, however, the ground surface of the Site (area of concern) is primarily covered with a layer of gravel.

A tributary to Mill Creek (the closest surface water body) is approximately 800 feet to 1000 feet east of the Site (see Figure 1) and is a likely ultimate discharge area for shallow

groundwater beneath the Site. However, it is known that in dry years the stream may lose water to groundwater as it passes by the Site. Mill Creek originates high on the east side of Grassy Mountain, flowing counterclockwise around the mountain to Eton. The Conasauga River takes a similar but longer path, and the two intersect about 5 miles southwest of Eton. Mill Creek is at an elevation near the Site that is approximately 60 feet higher than that of a comparable position on the Conasauga River. The Conasauga River is the ultimate surface water drain for all of Murray and Whitfield Counties, so it is reasonable to assume that the regional groundwater levels will be at elevations significantly higher than the Conasauga River at its confluence with Mill Creek, which is 665 ft AMSL.

Given that groundwater on the downgradient side of this investigation is known not to be impacted, and given that groundwater does not have an opportunity to discharge to surface water in the first 800 feet from the Site, the Site release is not a threat to surface water.

Therefore, the potential for surface water contamination originating from the Site is negligible. It does not appear that any impact to or migration of surface water potentially contaminated by PCE is occurring at the Site. Any surface runoff generated at the Site would likely infiltrate unpaved areas within the Site.

5.2.3 POTENTIAL EXPOSURES TO GROUND WATER

There is no apparent potential for exposure to substances released from the Site through exposure to groundwater. The following paragraphs summarize the results of a 1999 CRA memorandum related to a formal well and drinking water intake survey, a copy of which is provided as Appendix E.

The nearest public and downgradient water supply is Eton Spring which is approximately 4750 feet from the Site. Eton Spring is a modern facility that supplies water to the Chatsworth municipal system. The City of Eton receives its water from the Chatsworth system. Eton Spring, also known as James Spring, is the nearest well (either public or private) or spring downgradient of the Site.

The nearest private well is approximately 1200 feet north/northwest of the Site, however it is located hydraulically upgradient of the Site. The well is reported as belonging to the Waley's residence located at 4374 Highway 411 North, Eton, Georgia. The well is approximately 200 feet deep and was reported as being used for drinking water in 1999.

5.3 APPLICABLE RISK REDUCTION STANDARDS

Section 391-3-19-.07 of the Rules allows for the determination of risk reduction standards (RRSs) that are protective of human health and the environment. The Rules provide for five alternative types of RRSs against which a site's compliance status may be evaluated. The RRS Types are described as the following:

- Type 1 – based on standardized exposure assumptions for residential properties;
- Type 2 – based on Site-specific exposure determinations for residential properties;
- Type 3 – based on standardized exposure assumptions for non-residential properties;
- Type 4 – based on Site-specific exposure determinations for non-residential properties; and
- Type 5 – based on the use of engineering and institutional controls such as caps, slurry walls, fences, deed restrictions, etc. to minimize risk at any type property when it is not appropriate and/or practical to apply Type 1-4 standards.

The area known to have been impacted by releases at the Site is limited to an area that is in a land use that meets the definition given in the Rules for "non-residential property." As such, the Type 3 risk reduction standards (Type 3 RRS) and Type 4 risk reduction Standards (Type 4 RRS) of the Rules would be applicable.

5.4 STATUS OF SITE'S COMPLIANCE WITH RISK REDUCTION STANDARDS

5.4.1 RISK REDUCTION STANDARDS FOR SOIL

5.4.1.1 TYPE 1 RRS AND TYPE 3 RRS FOR SOIL

Based on the soil data collected at the Site, the Site is not in compliance with Type 1 or Type 3 RRS in soil.

5.4.1.2 TYPE 4 RRS FOR SOIL

CRA calculated Type 4 soil target concentrations in accordance with the requirements at Rule 391-3-19-.07(9)(d). Based on the soil data collected, a discrete area of the Site is not in compliance with Type 4 in soil. One location, centered around the 2-foot interval of BH-1/OW-1 exceeds the Type 4 RRS for PCE only.

5.4.2 RISK REDUCTION STANDARDS FOR GROUNDWATER

5.4.2.1 TYPE 1 RRS AND TYPE 3 RRS FOR GROUNDWATER

The data collected to date for the CSR show that the Site does not comply with Type 1 or Type 3 RRSs for groundwater. Samples collected at monitoring wells OW-1, OW-2, OW-4, and MWW-1 exceed the groundwater target concentrations for PCE. Samples collected from OW-1 and OW-2 also exceeded the groundwater target concentrations for 1,1-dichloroethene.

The vertical extent of impact to groundwater from PCE has been delineated by MWW-5, the 44-foot deep well located at the southeast end of the Site. The non-detect concentrations of PCE and related degradation products in the MW-5 groundwater sample indicate that the chlorinated hydrocarbon impact is limited to within 40 feet of ground surface.

5.4.2.2 TYPE 4 RRS FOR GROUNDWATER

CRA has calculated Type 4 groundwater target concentrations, using Equations 1 and 2 from RAGS, Part B, and the standard nonresidential exposure assumptions in Table 3 of Appendix III of Chapter 391-3-19, the Rules for Hazardous Site Response (Rules). Values for cancer slopes factors and reference doses utilize IRIS and NCEA standards.

Based on the groundwater data collected at the Site, the Site is not in compliance with Type 4 RRS in groundwater. The area not in compliance with the Type 4 RRS for PCE in groundwater is centrally located within the Site and in the general vicinity of the suspected source areas. Figure 12 illustrates the extent of groundwater impact relative to the RRSs not in compliance with Type 4 Site-specific standards.

6.0 PUBLIC PARTICIPATION

In accordance with the public participation requirements at Rule 391-3-19-.06(5), a notice of the availability of this CSR is being prepared for publication, within 7 days of the CSR's submittal to EPD, in the legal advertisements section of the main local newspaper:

PUBLIC NOTICE
Mohawk Industries, Inc. - Eton Plant
4140 North Highway 411
Eton, Georgia

The Georgia Environmental Protection Division, Department of Natural Resources, State of Georgia (EPD) has placed this site on the Hazardous Site Response Act and Rules promulgated thereunder. As required by the Rules for Hazardous Site Response, the responsible party for this site was required to investigate the site and submit a compliance status report (CSR) to EPD summarizing the results of that investigation. EPD is currently reviewing the CSR to determine if corrective action is needed for regulated substances that have been released at this site. Before EPD decides whether corrective action is needed, the public has the opportunity to review the compliance status report and provide comments to EPD about the report.

The 30-day public comment period begins August 17, 2002. Oral and written comments can be made to:

Should be 7-17-02 per Antonia Bowen

Ms. Alexandra Y. Cleary
Georgia Environmental Protection Division
Hazardous Site Response Program
Floyd Tower East, Suite 1462
205 Jesse Hill, Jr. Drive, S.E.
Atlanta, Georgia 30334
(404) 657-8600

The designated contact for the parties who developed the report is:

Thomas A. Lawrence
Conestoga-Rovers & Associates, Inc.
1351 Oakbrook Drive, Suite 150
Norcross, Georgia 30093
(770) 441-0027

An exact copy of the published notice will be submitted to EPD within 15 days of publication. CRA will also prepared separate letters, conveying the same information as the legal advertisement, to the Chairman of the Murray County Board of Commissioners and the Mayor of Eton.

7.0 GENERAL REFERENCES

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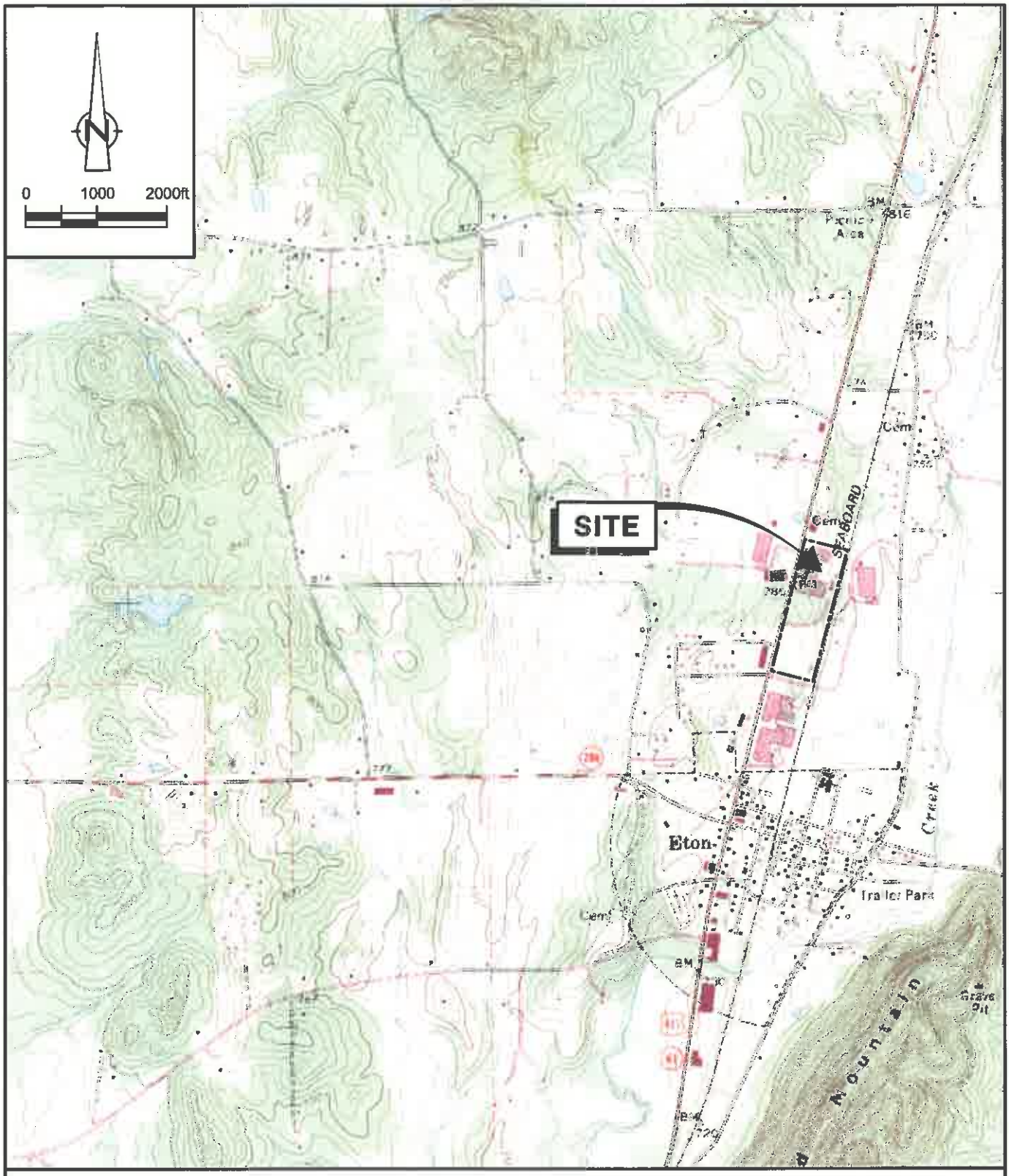
Mercer, James W., and Cohen, Robert M., 1990. A Review of Immiscible Fluids in the Subsurface: Properties, Models, Characterization and Remediation. Journal of Contaminant Hydrology, Vol. 6, Elsevier Science Publishers.

Schwille, Friedrich, 1988. Dense Chlorinated Solvents in Porous and Fractured Media: Model Experiments (English Translation). Lewis Publishers, Chelsea, Michigan.

USEPA, March 1991. Dense Nonaqueous Phase Liquids. Ground Water Issue Paper, EPA/540/4-91-002, Office of Solid Waste and Emergency Response.



SOURCE: USGS QUADRANGLE: CHATSWORTH, GA (1972, PHOTOREVISED 1985)

figure 1

SITE LOCATION MAP
MOHAWK INDUSTRIES, INC.
Eton, Georgia

14170-00(002)GN-AT001 JUL 16/2002

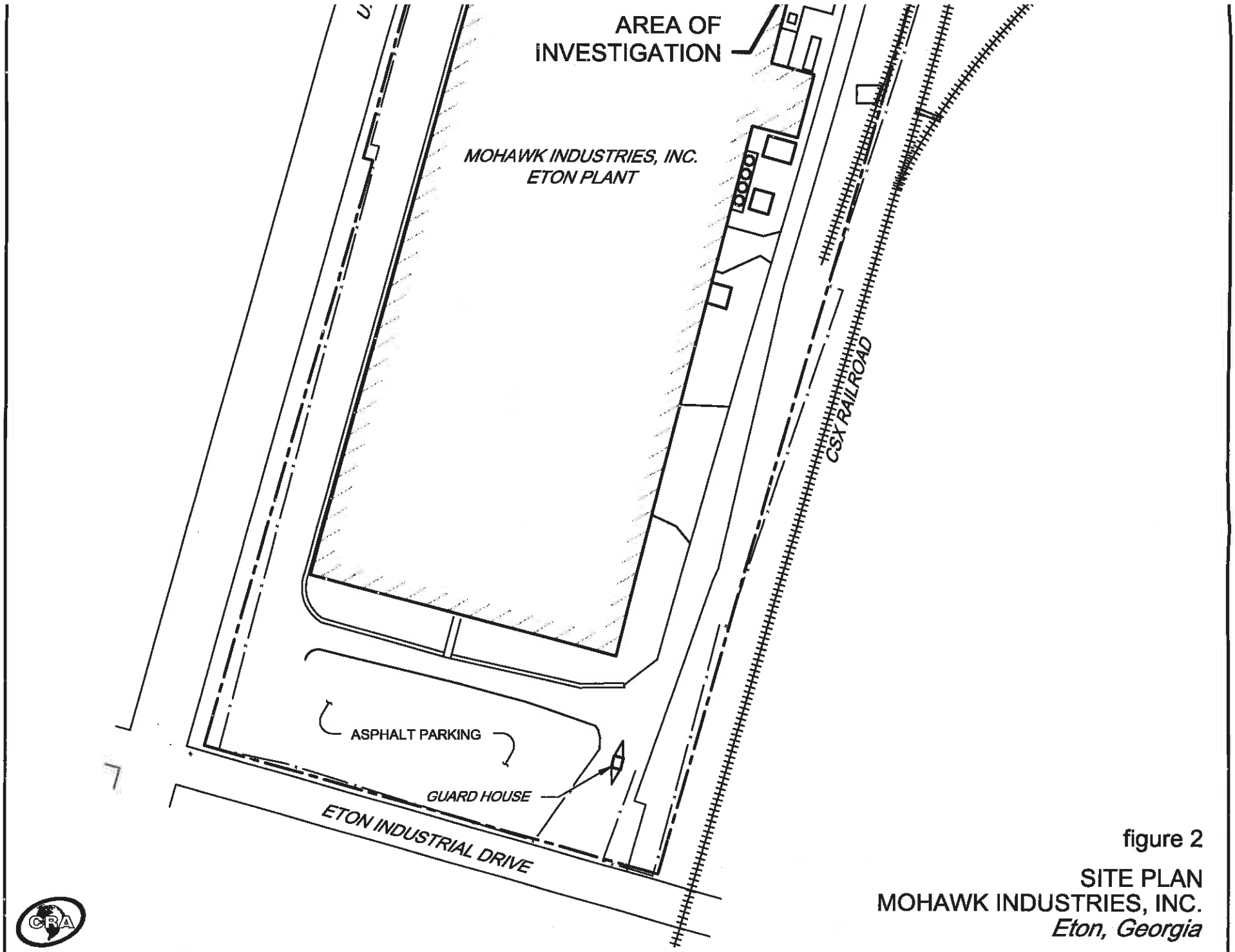


figure 2

SITE PLAN
MOHAWK INDUSTRIES, INC.
Eton, Georgia

14170-00(002)GN-AT002 JUL 16/2002

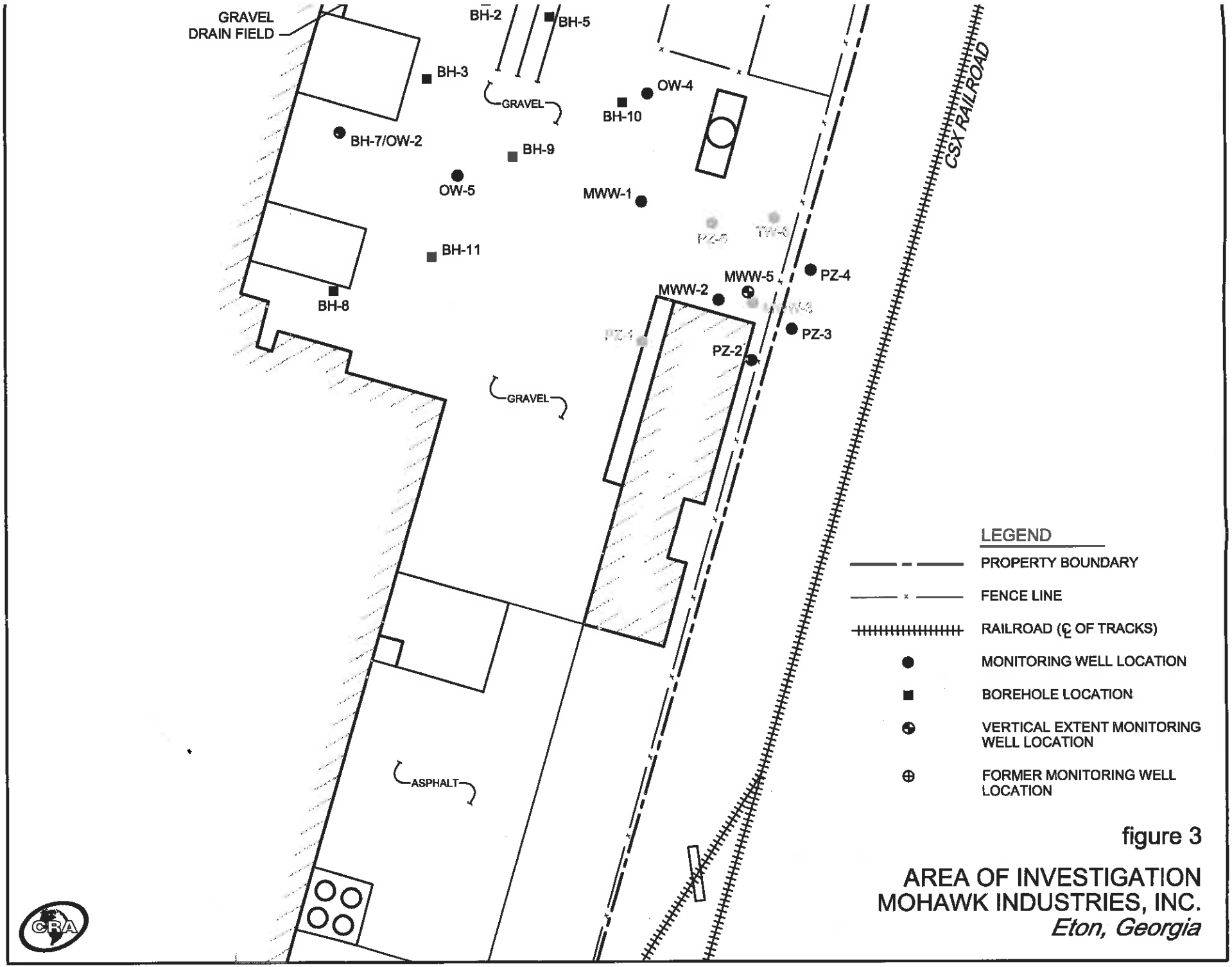


figure 3

AREA OF INVESTIGATION
MOHAWK INDUSTRIES, INC.
Eton, Georgia

14170-00(002)GN-AT003 JUL 16/2002

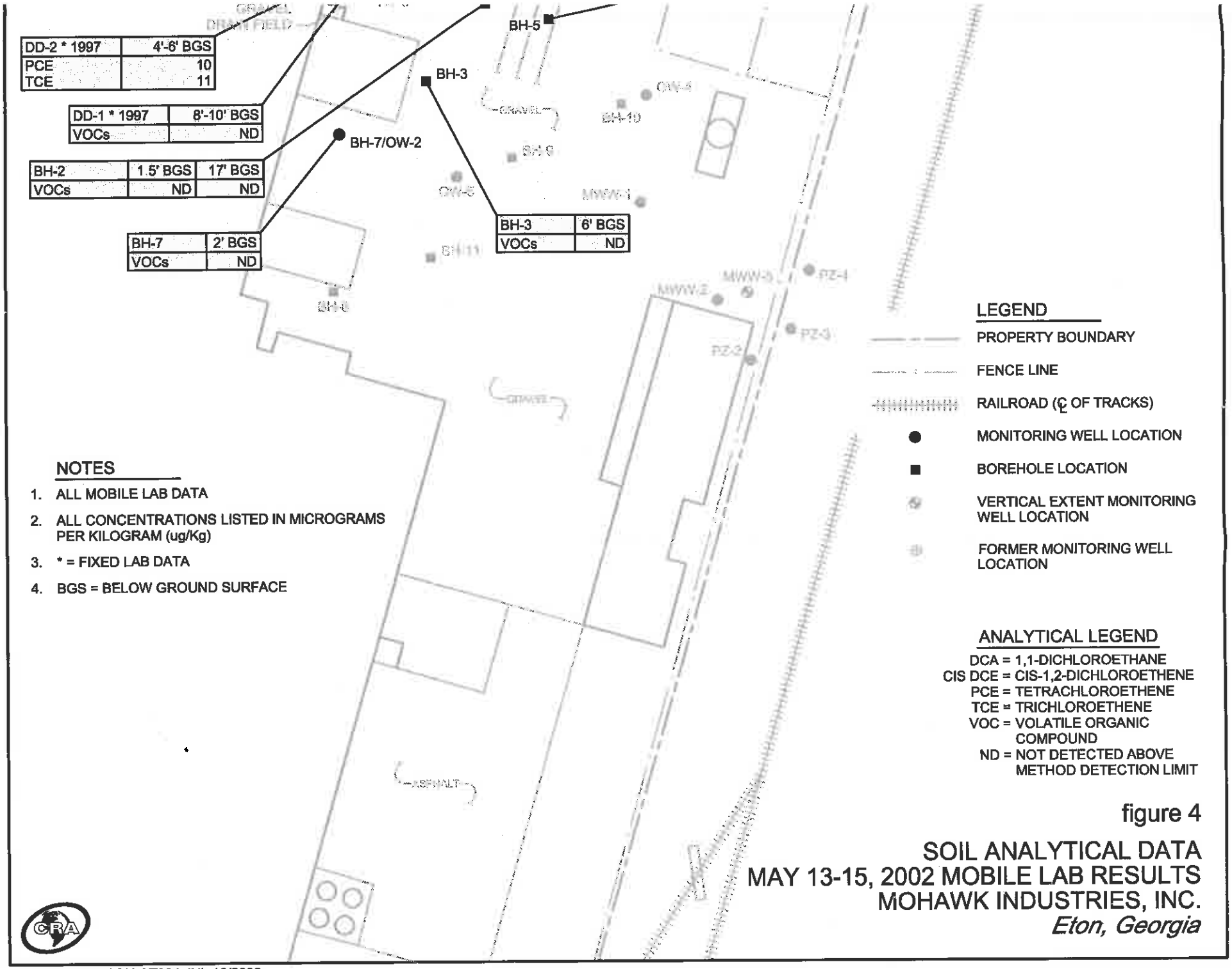


figure 4

SOIL ANALYTICAL DATA
MAY 13-15, 2002 MOBILE LAB RESULTS
MOHAWK INDUSTRIES, INC.
Eton, Georgia

14170-00(002)GN-AT004 JUL 16/2002

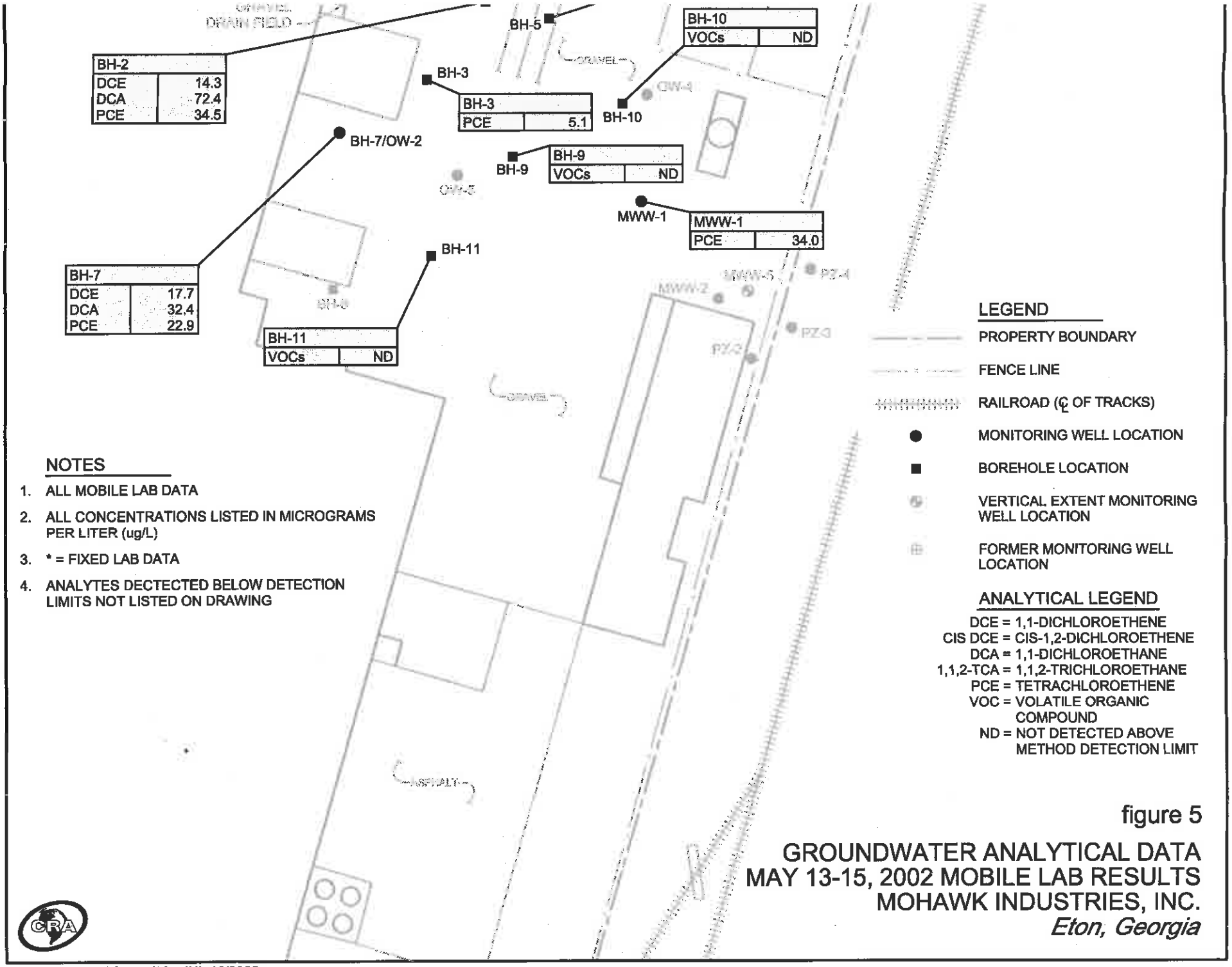


figure 5

GROUNDWATER ANALYTICAL DATA
MAY 13-15, 2002 MOBILE LAB RESULTS
MOHAWK INDUSTRIES, INC.
Eton, Georgia

CRA

14170-00(002)GN-AT005 JUL 16/2002

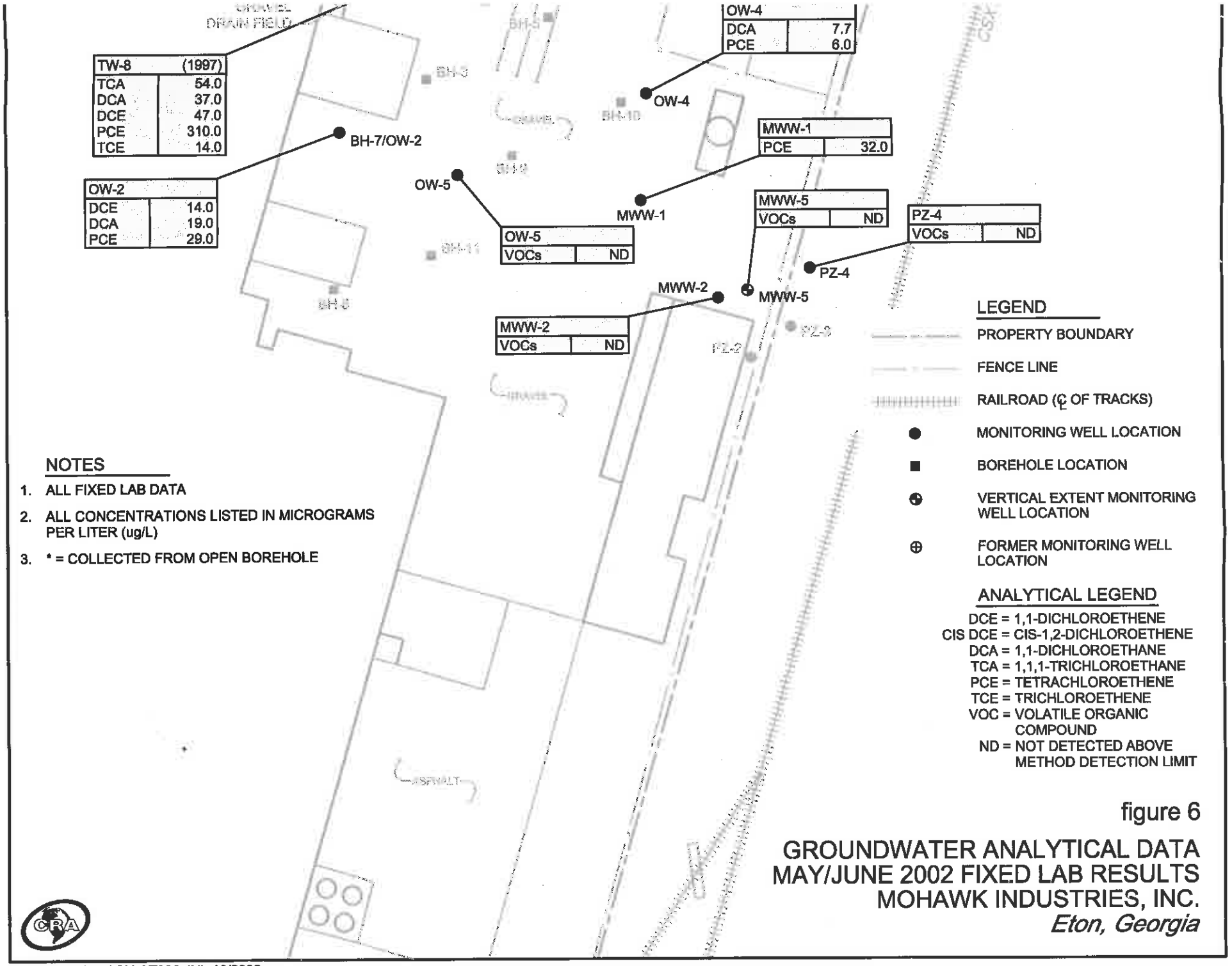
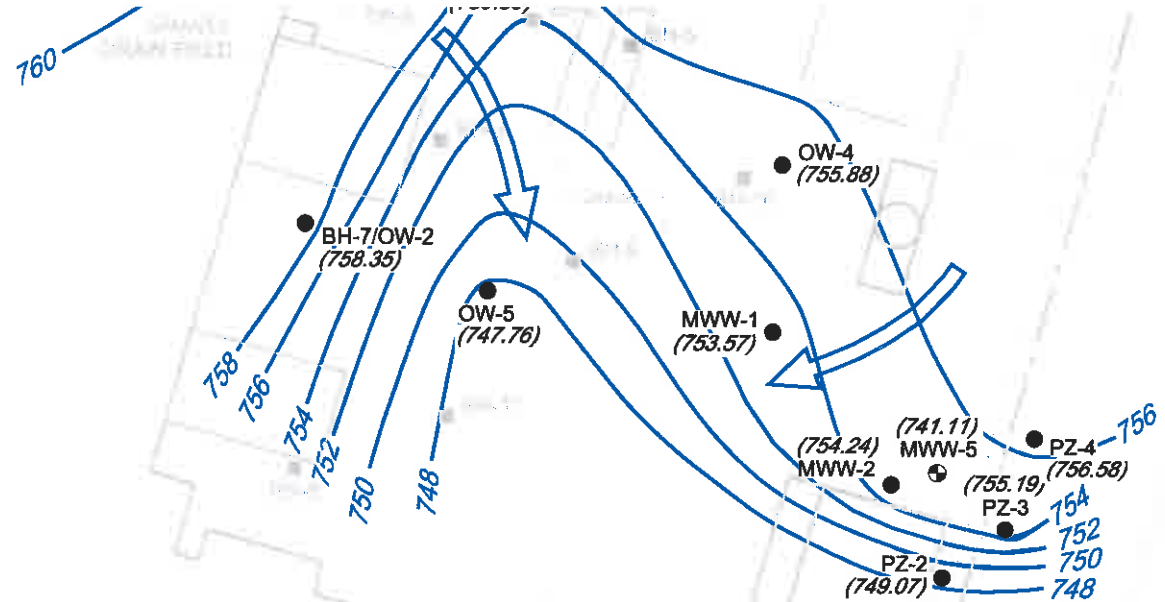


figure 6

GROUNDWATER ANALYTICAL DATA MAY/JUNE 2002 FIXED LAB RESULTS MOHAWK INDUSTRIES, INC.

Eton, Georgia

14170-00(002)GN-AT006 JUL 16/2002



LEGEND

- PROPERTY BOUNDARY
- FENCE LINE
- RAILROAD (℄ OF TRACKS)
- MONITORING WELL LOCATION
- BOREHOLE LOCATION
- VERTICAL EXTENT MONITORING WELL LOCATION
- FORMER MONITORING WELL LOCATION
- (727.26) GROUNDWATER ELEVATION (ftAMSL)
- 748 GROUNDWATER CONTOUR AND ELEVATION (ft AMSL)
- GROUNDWATER FLOW DIRECTION

figure 7

MAY 21, 2002
GROUNDWATER CONTOURS
MOHAWK INDUSTRIES, INC.
Eton, Georgia

CRA

14170-00(002)GN-AT007 JUL 16/2002

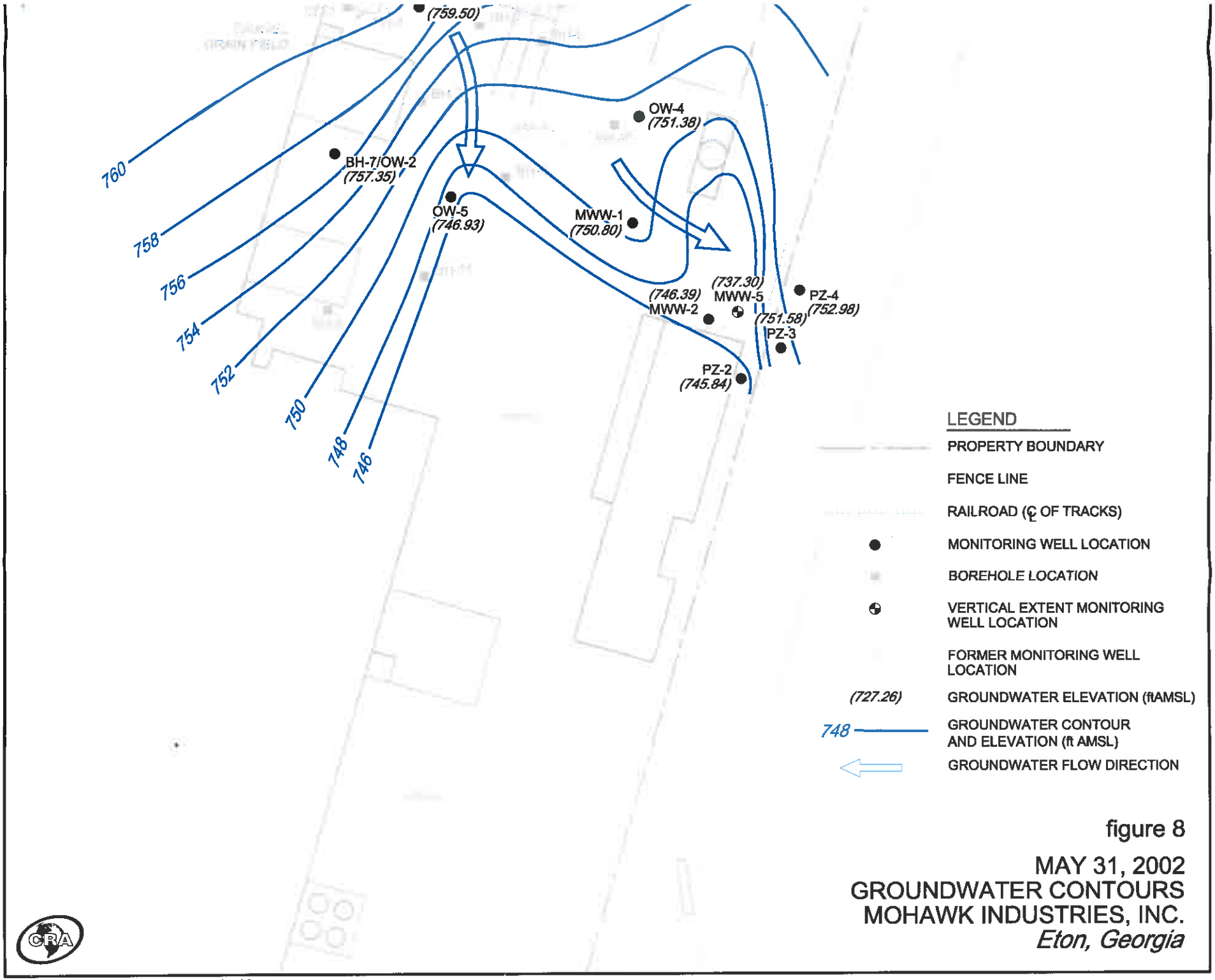


figure 8

MAY 31, 2002
GROUNDWATER CONTOURS
MOHAWK INDUSTRIES, INC.
Eton, Georgia

14170-00(002)GN-AT008 JUL 16/2002

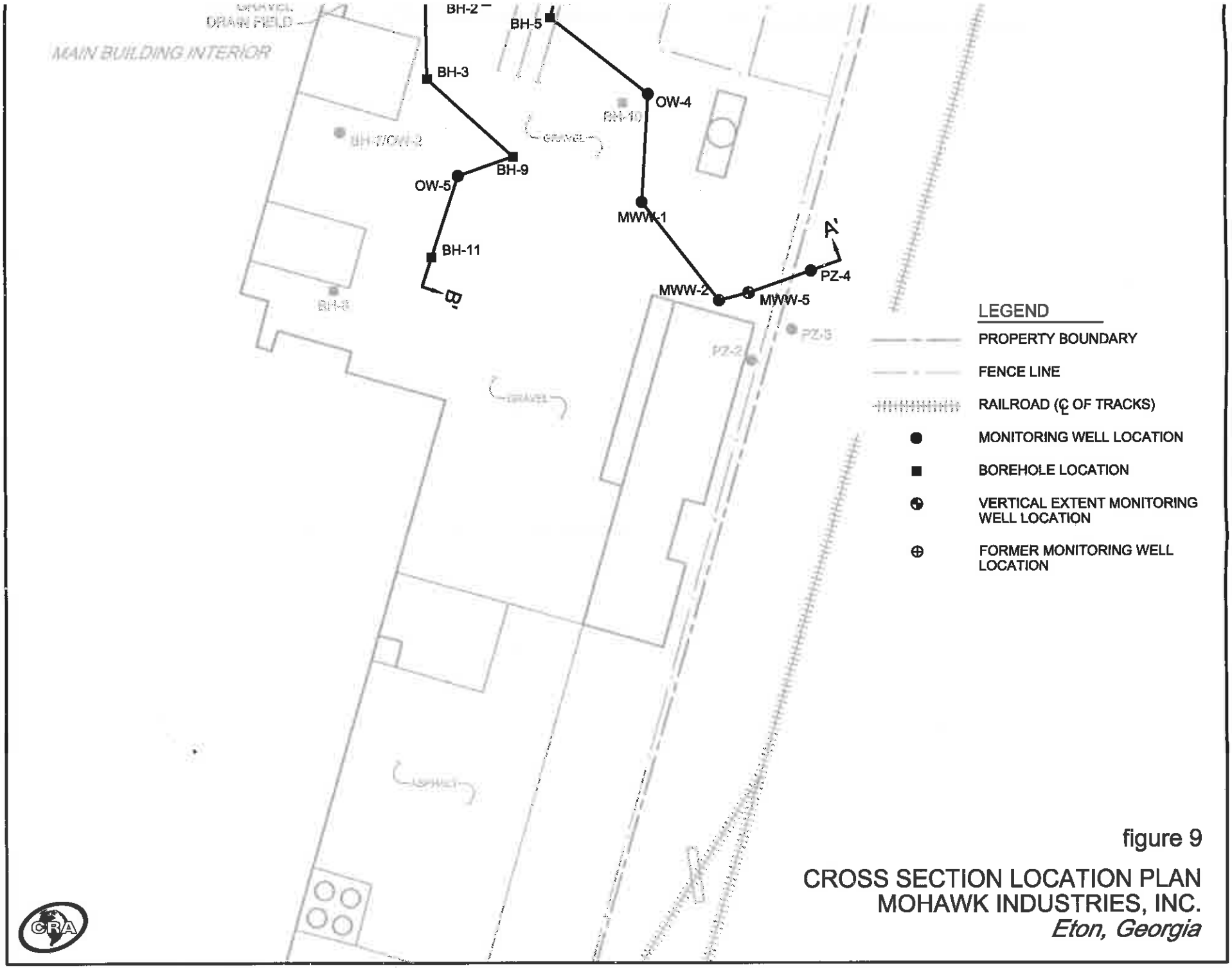
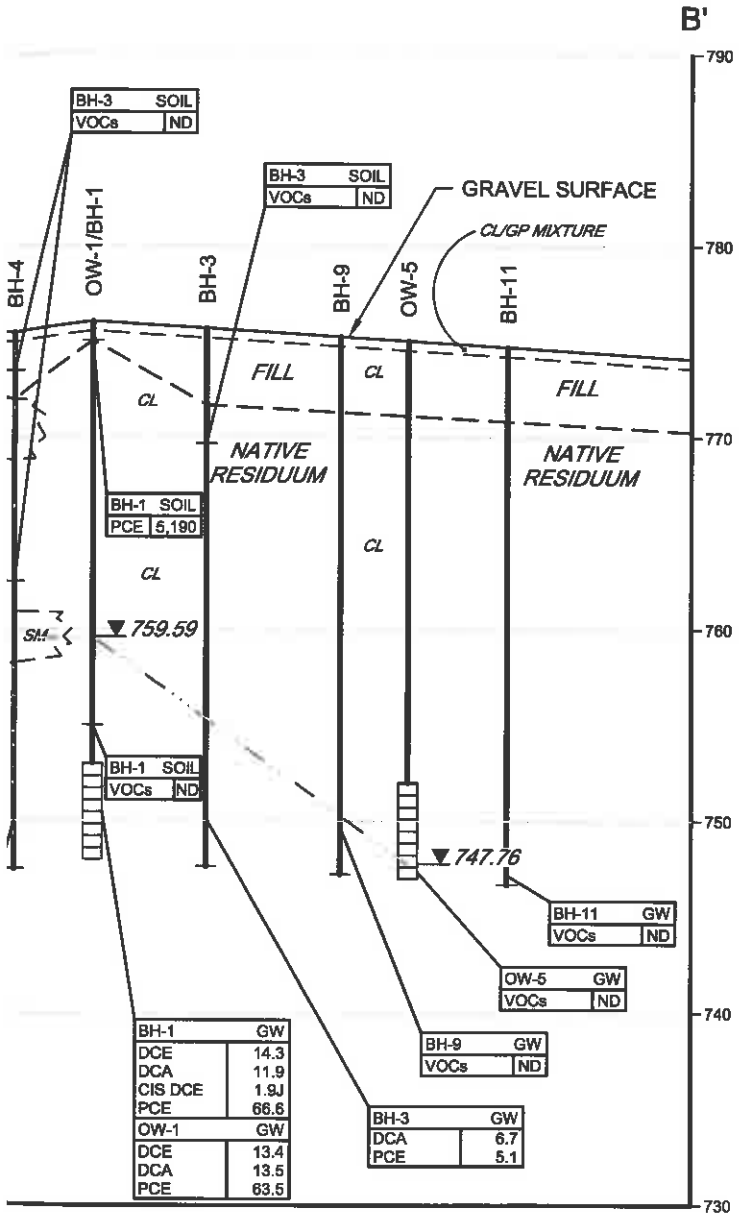


figure 9

CROSS SECTION LOCATION PLAN
MOHAWK INDUSTRIES, INC.
Eton, Georgia

14170-00(002)GN-AT009 JUL 16/2002



LEGEND

GROUNDWATER TABLE SURFACE

▼ *767.26* GROUNDWATER ELEVATION

APPROXIMATE FILL AND NATIVE SOIL INTERFACE

ANALYTICAL LEGEND

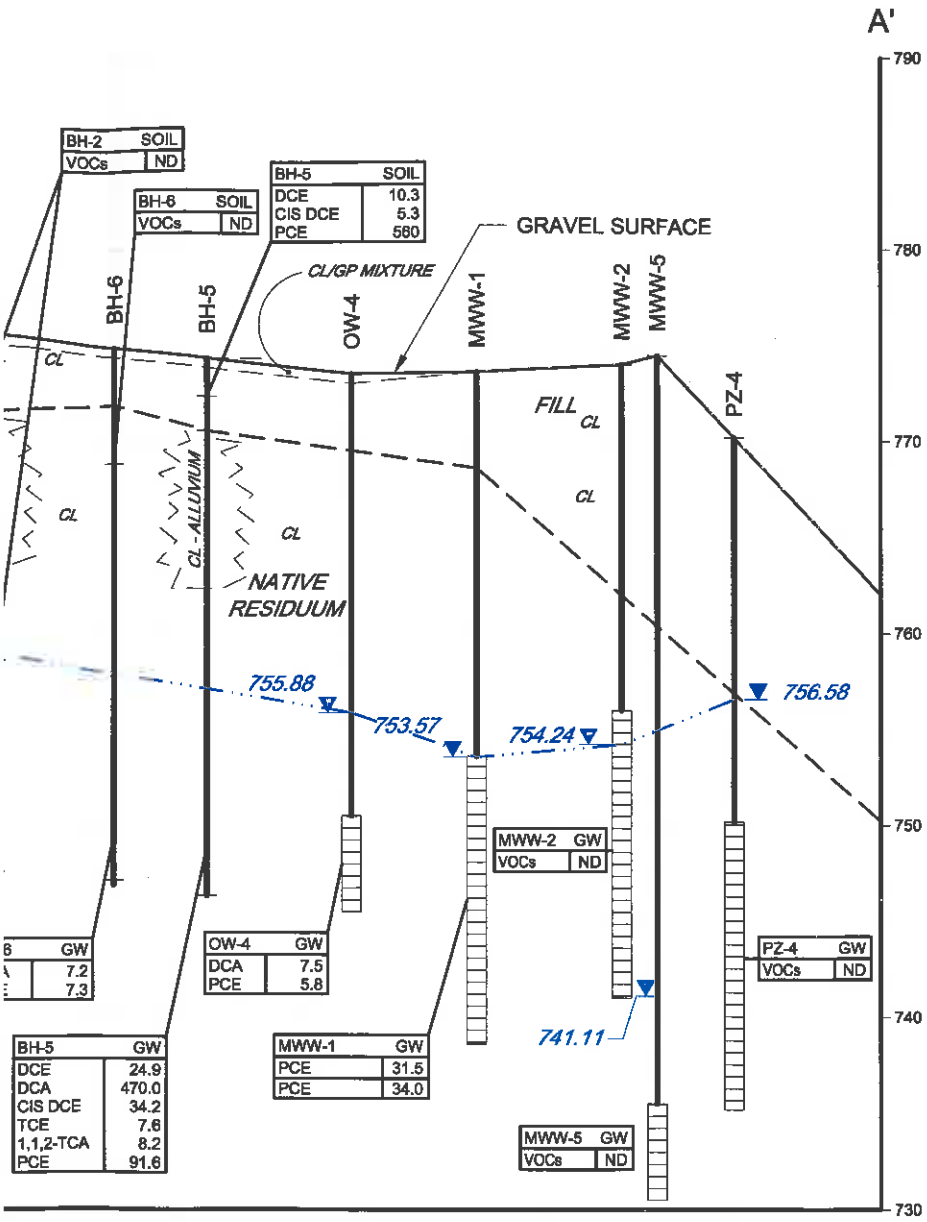
GW = GROUNDWATER ANALYSIS
SOIL = SOIL ANALYSIS
DCE = 1,1-DICHLOROETHENE
DCA = 1,1-DICHLOROETHANE
CIS DCE = CIS-1,2-DICHLOROETHENE
TCE = TRICHLOROETHENE
1,1,2-TCA = 1,1,2-TRICHLOROETHANE
PCE = TETRACHLOROETHENE
VOC = VOLATILE ORGANIC COMPOUNDS
ND = NOT DETECTED ABOVE METHOD DETECTION LIMIT

NOTES

1. GROUND SURFACE ELEVATIONS ARE APPROXIMATE
2. WATER TABLE ELEVATION REPRESENTS WATER LEVEL DATA
3. WATER LEVEL DATA COLLECTED ON MAY 21, 2002
4. ANALYTICAL DATA COLLECTED IN MAY AND JUNE, 2002 - MOBILE AND FIXED LAB DATA

figure 11

CROSS SECTION B-B'
MOHAWK INDUSTRIES, INC.
Eton, Georgia



LEGEND

GROUNDWATER TABLE SURFACE

▼ 767.26 GROUNDWATER ELEVATION

APPROXIMATE FILL AND NATIVE SOIL INTERFACE

ANALYTICAL LEGEND

GW = GROUNDWATER ANALYSIS
SOIL = SOIL ANALYSIS
DCE = 1,1-DICHLOROETHENE
DCA = 1,1-DICHLOROETHANE
CIS DCE = CIS-1,2-DICHLOROETHENE
TCE = TRICHLOROETHENE
1,1,2-TCA = 1,1,2-TRICHLOROETHANE
PCE = TETRACHLOROETHENE
VOC = VOLATILE ORGANIC COMPOUNDS
ND = NOT DETECTED ABOVE METHOD DETECTION LIMIT

NOTES

1. GROUND SURFACE ELEVATIONS ARE APPROXIMATE
2. WATER TABLE ELEVATION REPRESENTS WATER LEVEL DATA
3. WATER LEVEL DATA COLLECTED ON MAY 21, 2002
4. ANALYTICAL DATA COLLECTED IN MAY AND JUNE, 2002 - MOBILE AND FIXED LAB DATA

figure 10

CROSS SECTION A-A'
MOHAWK INDUSTRIES, INC.
Eton, Georgia

TABLE 1
SOIL ANALYTICAL RESULTS
(MOBILE ON-SITE LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Soil Boring/Borehole					BH-1	BH-1	BH-2	BH-2	BH-3	BH-4	BH-4	BH-5	BH-6	BH-7
Total Borehole Depth (ft BGS)					28	28	28	28	28	28	28	28	28	28
Sample Depth (ft BGS)					2	21	1.5	17	6	2	13	2	6	2
Sample Date					5/13/02	5/13/02	5/13/02	5/13/02	5/13/02	5/14/02	5/14/02	5/14/02	5/14/02	5/14/02
Parameter														
			Applicable HSRA Standards											
Volatile Organic Compounds (VOCs)	UNITS	PQL [1]	Type 3 [2]	Type 4 [3]										
Dichlorodifluoromethane	ug/kg	5.0	NA [4]	NA	ND [5]	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/kg	5.0	400000	400000	ND	ND	ND	ND	ND	ND	ND	**10.3**	ND	ND
2,2-Dichloropropane[3]	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/kg	5.0	7000	10900	ND	ND	ND	ND	ND	ND	ND	**5.3**	ND	ND
Chloroform	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/kg	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/kg	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/kg	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/kg	5.0	500	2000	5190 [6]	ND	ND	ND	ND	ND	ND	**560**	ND	ND
Dibromochloromethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 1
SOIL ANALYTICAL RESULTS
(MOBILE ON-SITE LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Soil Boring/Borehole				BH-1	BH-1	BH-2	BH-2	BH-3	BH-4	BH-4	BH-5	BH-6	BH-7
Total Borehole Depth (ft BGS)				28	28	28	28	28	28	28	28	28	28
Sample Depth (ft BGS)				2	21	1.5	17	6	2	13	2	6	2
Sample Date				5/13/02	5/13/02	5/13/02	5/13/02	5/13/02	5/14/02	5/14/02	5/14/02	5/14/02	5/14/02
Parameter			Applicable HSRA Standards										
Volatile Organic Compounds (VOCs)	UNITS	PQL [1]	Type 3 [2]	Type 4 [3]									
Ethylbenzene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m &p -Xylene [4]	ug/kg	10.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o -Xylene [4]	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone	ug/kg	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

[1] Practical Quantitation Limit (PQL)

[2] HSRA type 3 risk Reductin Standards (RRS)

[3] HSRA Type 4 (RRS)--Boxed Concentration Highlights and Exceedance

[4] Not Applicable (NA) for Non-Detect Concentrations

[5] Not Detected at or above PQL

[6] From dilution DL=50

TABLE 2
SOIL ANALYTICAL RESULTS
(FIXED LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Soil Boring / Borehole Location				DD-1 [1]	DD-2	BH-12	BH-13
Sample I.D.				DD-1	DD-2	SS-060402-MR-01	SS-060402-MR-02
Total Borehole Depth (ft BGS)				10	10	32	32
Sample Depth (ft BGS)				8 to 10	4 to 6	31 to 32	31 to 32
Sample Date				2/26/97	2/26/97	6/4/02	6/4/02
Parameter							
Volatile Organic Compounds (VOCs)		Applicable HSRA Standards					
	UNITS	Type 3 [2]	Type 4 [3]				
1,1,1 - Trichloroethane	ug/Kg	NA [4]	NA	ND (5) [6]	ND (5)	ND (3.4)	ND (3.7)
1,1 - Dichloroethane	ug/Kg	NA	NA	ND (5)	ND (5)	ND (3.4)	ND (3.7)
1,1 - Dichloroethene	ug/Kg	NA	NA	ND (5)	ND (5)	ND (3.4)	ND (3.7)
cis - 1,2 - Dichloroethene	ug/Kg	NA	NA	ND (5)	ND (5)	ND (3.4)	ND (3.7)
Tetrachloroethene	ug/Kg	**500**	**2600**	ND (5)	**10**	ND (3.4)	ND (3.7)
Trichloroethene	ug/Kg	**500**	**2000**	ND (5)	**11**	ND (3.4)	ND (3.7)
Vinyl Chloride	ug/Kg	NA	NA	ND (2)	ND (2)	ND (3.4)	ND (3.7)

NOTES:

[1] DD Data Represents 1997 Results. See Appendix A for Full Report

[2] HSRA Type 3 Risk Reduction Standards (RRS)

[3] HSRA Type 4 (RRS)

[4] Not Applicable (NA) for Non-Detect Concentrations

[5] Not Detected at or above Detection Limit Listed in Paretheses

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
(MOBILE ON-SITE LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Sample Location					BH-1	BH-2	BH-3	BH-4	BH-5	BH-6	BH-7	BH-9	BH-10	BH-11	MWW-1
Sample Date					5/13/02	5/13/02	5/13/02	5/14/02	5/14/02	5/14/02	5/14/02	5/15/02	5/15/02	5/15/02	5/14/02
Parameter			Applicable HSRA Standards												
	UNITS	PQL [1]	Type 1/3 [2]	Type 4 [3]											
Dichlorodifluoromethane	ug/L	5.0	NA [4]	NA	ND [5]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	5.0	7	12.2	22.2	14.3	1.6 J [6]	ND	24.9	ND	17.7	1.5 J	ND	ND	ND
Methylene Chloride	ug/L	10.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	5.0	4000	4000	11.9	72.4	6.7	2.1 J	470	7.2	32.4	9.9 J	ND	ND	1.4 J
2,2-Dichloropropane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	5.0	70	1022	1.9 J	4.5 J	1.5 J	4.4 J	34.2	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5.0	5	5	ND	ND	ND	ND	7.6	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5.0	5	40.3	ND	ND	ND	ND	4.4 J	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.0	5	46.4	ND	ND	ND	ND	8.2	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5.0	5	55	66.6	34.5	5.1	3.5 J	91.6	7.3	22.9	ND	ND	ND	34
Dibromochloromethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
(MOBILE ON-SITE LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Sample Location					BH-1	BH-2	BH-3	BH-4	BH-5	BH-6	BH-7	BH-9	BH-10	BH-11	MWW-1
Sample Date					5/13/02	5/13/02	5/13/02	5/14/02	5/14/02	5/14/02	5/14/02	5/15/02	5/15/02	5/15/02	5/14/02
Parameter			Applicable HSRA Standards												
	UNITS	PQL [1]	Type 1/3 [2]	Type 4 [3]											
Chlorobenzene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m &p -Xylene	ug/L	10.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o -Xylene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone	ug/L	50.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether	ug/L	5.0	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

[1] Practical Quantitation Limit (PQL)

[2] HSRA Type 1 and Type 3 Risk Reduction Standards (RRS)

[3] HSRA Type 4 RRS

[4] Not Applicable (NA) for Non Detect Concentrationns

[5] Not Detected (ND) at Concentrations at or above Laboratory listed PQLs

[6] Estimated Value (J) with Concentration Detected Below PQL

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
(FIXED LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Sample Location					TW-7 [1]	TW-8	OW-4	OW-4 (Dup.)	OW-1	OW-2
Sample I.D.					TW-7	TW-8	GW-052102-DJB-001	GW-052102-DJB-002	GW-052102-DJB-003	GW-052102-DJB-004
Sample Date					3/7/97	3/7/97	5/21/02	5/21/02	5/21/02	5/21/02
Parameter										
Volatile Organic Compounds (VOCs)			Applicable HSRA Standards							
	UNITS	MDL [2]	Type 1/3 [3]	Type 4 [4]						
1,1,1 - Trichloroethane	ug/L	5.0	200	4890.4	ND [5]	54	ND	ND	ND	ND
1,1 - Dichloroethane	ug/L	5.0	4000	4000	20	37	7.3	7.7	7.7	19
1,1 - Dichloroethene	ug/L	5.0	7	12.2	ND	ND	ND	ND	13.0	14
cis - 1,2 - Dichloroethene	ug/L	5.0	70	1022	ND	47	ND	ND	ND	ND
Tetrachloroethene	ug/L	5.0	5	55	29	310	5.5	6.0	98.0	29
Trichloroethene	ug/L	5.0	5	40.3	ND	14	ND	ND	ND	ND
Vinyl Chloride	ug/L	2.0	NA [6]	NA	ND	ND	ND	ND	ND	ND

NOTES:

[1] TW Data Represents 1997 Results. See Appendix A for Full Report

[2] Method Detection Limit (MDL) for Various Analyses

[3] HSRA Type 1 and Type 3 Risk Reduction Standards (RRS)

[4] HSRA Type 4 RRS

[5] Not Detected (ND) at Concentrations at or above Laboratory listed MDLs

[6] Not Applicable (NA) for Non Detect Concentrationns

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
(FIXED LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Sample Location					OW-3	OW-5	MWW-1	MWW-1 (Dup.)	MWW-2	MWW-5
Sample I.D.					GW-052102-DJB-005	GW-052102-DJB-006	GW-053102-DJB-001	GW-053102-DJB-002	GW-053102-MR-003	GW-053102-MR-004
Sample Date					5/21/02	5/21/02	5/31/02	5/31/02	5/31/02	5/31/02
Parameter										
Volatile Organic Compounds (VOCs)			Applicable HSRA Standards							
	UNITS	MDL [2]	Type 1/3 [3]	Type 4 [4]						
1,1,1 - Trichloroethane	ug/L	5.0	200	4890.4	ND	ND	ND	ND	ND	ND
1,1 - Dichloroethane	ug/L	5.0	4000	4000	ND	ND	ND	ND	ND	ND
1,1 - Dichloroethene	ug/L	5.0	7	12.2	ND	ND	ND	ND	ND	ND
cis - 1,2 - Dichloroethene	ug/L	5.0	70	1022	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5.0	5	55	ND	ND	32	31	ND	ND
Trichloroethene	ug/L	5.0	5	40.3	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	2.0	NA [6]	NA	ND	ND	ND	ND	ND	ND

NOTES:

[1] TW Data Represents 1997 Results. See Appendix A for Full Report

[2] Method Detection Limit (MDL) for Various Analyses

[3] HSRA Type 1 and Type 3 Risk Reduction Standards (RRS)

[4] HSRA Type 4 RRS

[5] Not Detected (ND) at Concentrations at or above Laboratory listed MDLs

[6] Not Applicable (NA) for Non Detect Concentrationns

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
(FIXED LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Sample Location	PZ-4	TW-10	TW-11	TW-9	BH-12
Sample I.D.	GW-053102-MR-005	GW-053102-MR-006	GW-053102-DJB-007	GW-053102-DJB-008	GW-060402-MR-009
Sample Date	5/31/02	5/31/02	5/31/02	5/31/02	6/4/02

Parameter

Volatile Organic Compounds (VOCs)	UNITS	MDL [2]	Applicable HSRA Standards Type 1/3 [3]	Applicable HSRA Standards Type 4 [4]					
1,1,1 - Trichloroethane	ug/L	5.0	**200**	**4890.4**	ND	ND	ND	ND	ND
1,1 - Dichloroethane	ug/L	5.0	**4000**	**4000**	ND	ND	ND	ND	**5.5**
1,1 - Dichloroethene	ug/L	5.0	**7**	**12.2**	ND	ND	ND	ND	ND
cis - 1,2 - Dichloroethene	ug/L	5.0	**70**	**1022**	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5.0	**5**	**55**	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5.0	**5**	**40.3**	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	2.0	NA [6]	NA	ND	ND	ND	ND	ND

NOTES:

[1] TW Data Represents 1997 Results. See Appendix A for Full Report

[2] Method Detection Limit (MDL) for Various Analyses

[3] HSRA Type 1 and Type 3 Risk Reduction Standards (RRS)

[4] HSRA Type 4 RRS

[5] Not Detected (ND) at Concentrations at or above Laboratory listed MDLs

[6] Not Applicable (NA) for Non Detect Concentrationns

TABLE 5
SITE MONITORING WELL COMPLETION DETAILS
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Well ID	*Inside Diameter (Inches)*	*Top of Casing Elevation (Feet AMSL)*	*Approximate Ground Surface Elevator (Feet AMSL)*	*Total Well Depth (Feet Below (Ground Surface)*	*Well Screen Length (Feet)*	*Top of Screen Elevation (Feet ASML)*	*Bottom of Screen Elevation (Feet ASML)*
OW-1	1	775.72	776	28	5	753	748
OW-2	1	775.80	776	28	5	753	748
OW-3	1	775.46	775.5	28	5	752.5	747.5
OW-4	1	773.17	773.5	28	5	750.5	745.5
OW-5	1	774.56	775	28	5	752	747
PZ-2	1.5	772.45	771.9	35	15	751.9	736.9
PZ-3	1.5	771.62	770.6	35	15	750.6	735.6
PZ-4	1.5	772.54	770.2	35	15	750.2	735.2
MWW-1	2	773.35	773.6	35	15	753.6	738.6
MWW-2	2	773.89	774.0	33	15	756	741
MWW-5	1.5	773.22	773.4	44	5	734.4	729.4
TW-9	2	778.66	776.5	44.2	10	742.3	732.3
TW-10	2	772.28	772.5	38.5	10	744	734
TW-11	2	782.88	781	25.3	10	765.7	755.7

TABLE 6
WATER LEVEL DATA
FORMER DIAMOND RUG AND CARPET
ETON, GEORGIA

Monitoring Well Location	Monitoring Point Elevation (feet)	May 21, 2002		May 31, 2002	
		Measured Depth (feet)	Water Elevation (feet)	Measured Depth (feet)	Water Elevation (feet)
OW-1	775.72	16.13	759.59	16.22	759.50
OW-2	775.80	17.45	758.35	18.45	757.35
OW-3	775.46	16.03	759.43	15.99	759.47
OW-4	773.17	17.29	755.88	21.79	751.38
OW-5	774.56	26.80	747.76	27.63	746.93
PZ-2	772.45	23.38	749.07	26.61	745.84
PZ-3	771.62	16.43	755.19	20.04	751.58
PZ-4	772.54	15.96	756.58	19.56	752.98
MWW-1	773.35	19.78	753.57	22.55	750.80
MWW-2	773.89	19.65	754.24	27.50	746.39
MWW-5/ DeepWell	773.22	32.11	741.11	35.92	737.30
TW-9	778.66	20.68	757.98	20.00	758.66
TW-10	772.28	27.96	744.32	30.02	742.26
TW-11	782.88	15.62	767.26	15.54	767.34

TABLE 7
LIST OF SITE DETECTED REGULATED SUBSTANCES
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Regulated Substance	*CAS No.*	*Groundwater Types 1 & 3* (mg/L)	*Soil Type 3* (mg/kg)
Halogenated VOCs			
1,1,1-Trichloroethane	71-55-6	0.200	20
1,1,2-Trichloroethane	79-00-5	0.005	0.50
1,1-Dichloroethane	75-34-3	4.000	400
1,1-Dichloroethene	75-35-4	0.007	0.7
1,2-Dichloroethane	107-06-2	0.005	0.50
cis-1,2-Dichloroethene	25323-30-2	0.07	7
Tetrachloroethene	127-18-4	0.005	0.5
Trichloroethene	79-01-6	0.005	0.5

References:

EPD Rule 391-3-19-.07, Risk Reduction Standards (November, 1999).
EPD, "Guidance on Target Soil Concentrations for Type 1 and Type 3 Risk Reduction Standards," March 9, 1995.

APPENDIX B

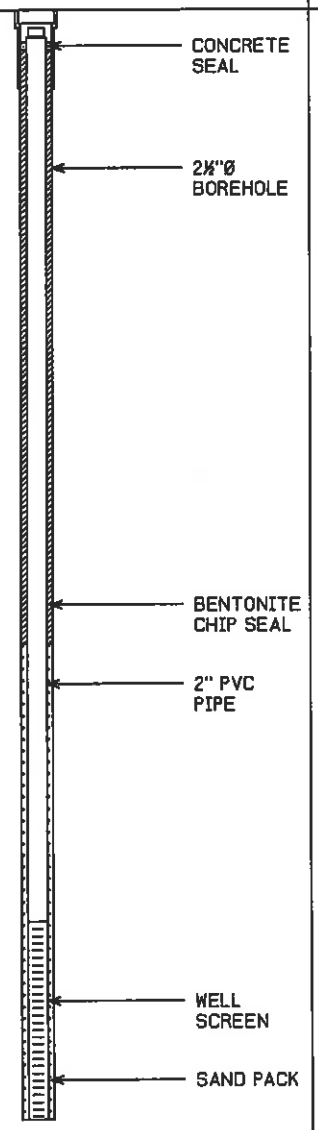
MONITORING WELL AND BOREHOLE LOGS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-1/OW-1
DATE COMPLETED: MAY 13, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*776.0* *775.72*
0	GRAVEL, from parking area	*775.7*
	CL-CLAY (FILL) and rock	*775.0*
2.5	CL-CLAY (RESIDUUM), stiff, red brown, moist	
		772.0
5.0	CL-CLAY (RESIDUUM), very stiff, red brown, low moisture	
7.5		
10.0		
12.5		
	- moisture increasing	
15.0		
		760.0
	CL-CLAY (RESIDUUM), very stiff, red brown to yellow brown	
17.5	- all yellow brown, moist	
	- some rock fragments, quartz	
20.0	- 2" SM-SAND (RESIDUUM), silt, clay, loose, yellow brown, moisture increasing	
		754.0
22.5	CL-CLAY (RESIDUUM), moderately soft, yellow brown, saturated	
		752.0
25.0	CL-CLAY (RESIDUUM), some sand, trace gravel, loose, saturated	
27.5		
		748.0
	END OF HOLE @ 28.0ft BGS	
30.0		
32.5		



SCREEN DETAILS
Screened interval:
23.0 to 28.0ft BGS
Length: 5.0ft
Diameter: 1"
Slot Size: #10
Material: PVC
Sand Pack:
6.0 to 28.0ft BGS
Material: Sand

SAMPLE NUMBER	STATE	'N' VALUE	PID (ppm)
1DP			28.6
2DP			6.8
3DP			13.2
4DP			0.0
5DP			0.0
6DP			0.0
7DP			0.0
8DP			0.0
9DP			0.0
10DP			--
11DP			--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

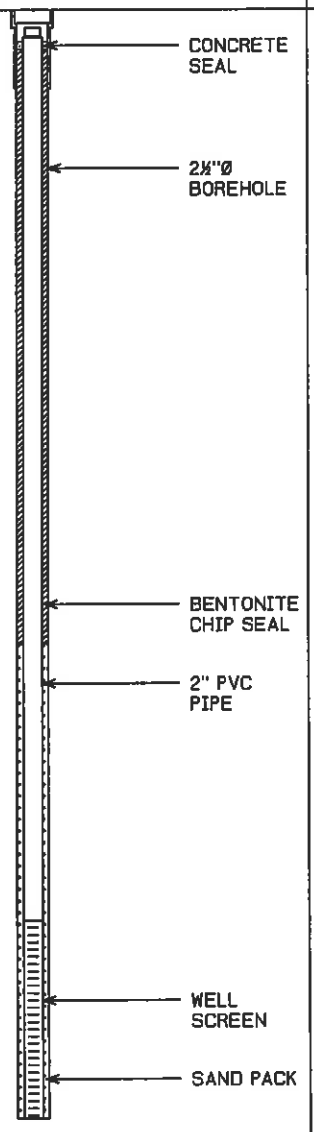
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-7/OW-2
DATE COMPLETED: MAY 14, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*776.0* *775.80*
	GRAVEL (FILL), from parking area	*775.3*
2.5	CL-CLAY (FILL), trace sand, trace gravel, stiff, brown – rock fragments	*772.7*
5.0	CL-CLAY (RESIDUUM), very stiff, red brown, low moisture CL-CLAY (RESIDUUM), trace sand, trace gravel, some saturated voids	
7.5		
10.0		
12.5		
15.0		
17.5		
20.0		
22.5		*754.0*
	CL-CLAY (RESIDUUM), very stiff, red brown, low moisture – rock fragments and sand	*752.0*
25.0	CL-CLAY (RESIDUUM), stiff, yellow brown, saturated	
27.5		*748.0*
	END OF HOLE @ 28.0ft BGS	
30.0		
32.5		

MONITOR INSTALLATION



SCREEN DETAILS
Screened interval:
23.0 to 28.0ft BGS
Length: 5.0ft
Diameter: 1"
Slot Size: #10
Material: PVC
Sand Pack:
6.0 to 28.0ft BGS
Material: Sand

SAMPLE NUMBER	STATE	'N' VALUE	PID (ppm)
1DP			4.7
2DP			0.0
3DP			0.0
4DP			0.0
5DP			--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-1
DATE COMPLETED: JANUARY 14, 1999
DRILLING METHOD: 4¼" ID HSA
CRA SUPERVISOR: SCOTT KENT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*773.6* *773.35*					
0	CL-CLAY (FILL), some silt and gravel, stiff to very stiff, low plasticity, brown, dry, no odor		CONCRETE SEAL				
2.5							
5.0	CL-CLAY (NATIVE), stiff, medium plasticity, light brown to yellowish orange, moist to wet below 25', no odor	*768.6*	8 ½" Ø BOREHOLE	1SS		11	
7.5			CEMENT /BENTONITE GROUT				
10.0				2SS		37	
12.5							
15.0							
17.5			BENTONITE PELLET SEAL	3SS		34	
20.0			2" PVC PIPE				
22.5							
25.0			WELL SCREEN	4SS		31	
27.5							
30.0			SAND PACK	5SS		21	
32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-1
DATE COMPLETED: JANUARY 14, 1999
DRILLING METHOD: 4¼" ID HSA
CRA SUPERVISOR: SCOTT KENT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
		~~738.6~~					
	END OF HOLE @ 35.0ft BGS		SCREEN DETAILS Screened interval: 20.0 to 35.0ft BGS Length: 15.0ft Diameter: 2" Slot Size: #10 Material: PVC Sand Pack: 18.0 to 35.0ft BGS Material: #2 Sand				
37.5							
40.0							
42.5							
45.0							
47.5							
50.0							
52.5							
55.0							
57.5							
60.0							
62.5							
65.0							
67.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(AL-02)
Page 1 of 1

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-2
DATE COMPLETED: MAY 13, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	GRAVEL and SOIL (FILL)						
	CL-CLAY (FILL), some sand, trace gravel, stiff, red brown, low moisture	-1.0	2½"Ø BOREHOLE	1DP			13.2
2.5							
	CL-CLAY (ALLUVIUM), trace sand, trace gravel, very stiff, red brown, low moisture	-4.0	BENTONITE CHIP FILL				
5.0				2DP			12.5
7.5							
				3DP			11.2
10.0				4DP			17.7
		-12.0					
12.5	CL-CLAY (RESIDUUM), very stiff, red brown, low moisture			5DP			0.0
	- some yellow brown mottling						
15.0				6DP			13.4
		-16.5					
17.5	CL-CLAY (RESIDUUM), sand, loose, yellow brown, moist			7DP			10.8
		-18.0					
	CL-CLAY (RESIDUUM), soft to stiff, saturated, softness/stiffness varies throughout			8DP			5.9
20.0							
				9DP			5.6
22.5							
25.0				10DP			--
27.5		-28.0					
	END OF HOLE @ 28.0ft BGS						
30.0							
32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-3
DATE COMPLETED: MAY 13, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
2.5	GRAVEL, from parking area		2½"Ø BOREHOLE	1DP			--
		-4.0	BENTONITE CHIP FILL				
5.0	CL-CLAY (RESIDUUM), stiff, red brown, low moisture			2DP			1.3
7.5							
10.0							
12.5				3DP			7.1
15.0							
17.5							
20.0				4DP			12.8
22.5	CL-CLAY (RESIDUUM), very stiff, yellow brown, very moist	-22.0					
25.0							
27.5							
	END OF HOLE @ 28.0ft BGS, water sample collected between 24ft BGS and 28ft BGS.	-28.0					
30.0							
32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-4
DATE COMPLETED: MAY 14, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
-2.5	CL-CLAY (FILL), trace sand, trace gravel		2½"Ø BOREHOLE	1DP			3.2
		-4.0	BENTONITE CHIP FILL				
-5.0	CL-CLAY (ALLUVIUM), trace sand, soft, red brown, moist			2DP			4.6
-7.5		-8.0					
-10.0	CL-CLAY (RESIDUUM), trace sand, very stiff, red brown, low to moderate moisture			3DP			7.1
		-11.0					
-12.5	CL-CLAY (RESIDUUM), trace sand, trace gravel, very stiff, red brown, moderate moisture			4DP			7.8
-15.0		-14.8		5DP			10.1
	SM-SAND and SILT and CLAY (RESIDUUM), trace gravel, soft, yellow brown, moist						
-17.5		-17.0		6DP			0.0
	CL-CLAY (RESIDUUM), sand, stiff to loose, yellow brown, moist						
-20.0	- very moist			7DP			0.0
-22.5							
-25.0				8DP			3.8
-27.5		-28.0					
	END OF HOLE @ 28.0ft BGS						
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG
(OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-5
DATE COMPLETED: MAY 14, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	GRAVEL (FILL), from parking area	-1.0					
2.5	CL-CLAY (FILL), trace sand, trace gravel, stiff		2½"Ø BOREHOLE	1DP			108.0
		-3.8	BENTONITE CHIP FILL				
5.0	CL-CLAY (ALLUVIUM), stiff, red brown, low moisture	-5.0		2DP			19.1
7.5	CL-CLAY (ALLUVIUM), trace sand, very stiff, red brown, low moisture						
10.0							
12.5	CL-CLAY (RESIDUUM), very stiff, red brown, low moisture	-12.0		3DP			2.3
15.0							
17.5		-18.0					
	CL-CLAY (RESIDUUM), sand, moderately soft, yellow brown, moist			4DP			0.0
20.0							
22.5							
	- saturated						
25.0				5DP			0.0
27.5		-28.0					
	END OF HOLE @ 28.0ft BGS						
30.0							
32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-6
DATE COMPLETED: MAY 14, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	GRAVEL (FILL), from parking area	-1.0					
-2.5	CL-CLAY (FILL), trace sand, trace gravel, stiff, brown	-3.0	2½"Ø BOREHOLE	1DP			0.0
-5.0	CL-CLAY (RESIDUUM), trace sand, very stiff, red brown, low moisture		BENTONITE CHIP FILL	2DP			14.2
-7.5							
-10.0							
-12.5				3DP			0.0
-15.0							
-17.5	- yellow brown			4DP			0.0
-20.0							
-22.5	CL-CLAY (RESIDUUM), sand, moderately soft, red, very moist	-22.0					
-25.0	CL-CLAY (RESIDUUM), soft, black and yellow brown mottling, very moist	-25.0		5DP			0.0
-27.5	END OF HOLE @ 28.0ft BGS (AUGER REFUSAL)	-28.0					
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-8
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	DPT, NO SAMPLES		2½"Ø BOREHOLE; BENTONITE CHIP FILL				
27.5	END OF HOLE @ 28.0ft BGS	-28.0					

2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 22.5 25.0 30.0 32.5

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(AL-09)
Page 1 of 1

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-9
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	DPT, NO SAMPLES		2½"Ø BOREHOLE; BENTONITE CHIP FILL				
-2.5							
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
	END OF HOLE @ 28.0ft BGS	-28.0					
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-10
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	DPT, NO SAMPLES		2½"Ø BOREHOLE; BENTONITE CHIP FILL				
-2.5							
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
	END OF HOLE @ 28.0ft BGS	-28.0					
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-11
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	DPT, NO SAMPLES		2½"Ø BOREHOLE; BENTONITE CHIP FILL				
-2.5							
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5	END OF HOLE @ 28.0ft BGS	-28.0					
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(AL-12)
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PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-12
DATE COMPLETED: JUNE 4, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: MIKE REINHARDT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	CONCRETE	-.3	CONCRETE CAP				
	GL/GP-CLAY and GRAVEL (FILL)	-1.0					
-2.5	ML-SILT, no to low plasticity, brown, moist		2½"Ø BOREHOLE				
-5.0			BENTONITE CHIP FILL				
	ML-SILT (NATIVE), some clay, plastic, brown to red browm, moist	-6.0					
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0	CL-CLAY, silty, trace sand, plastic, yellow and tan, moist	-25.0					
-27.5							
-30.0							
	- wet						
-32.5	END OF HOLE @ 32.0ft BGS	-32.0					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: BH-13
DATE COMPLETED: JUNE 4, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: MIKE REINHARDT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE	0.00					
	CONCRETE	-.3	CONCRETE CAP				
	GL/GP-CLAY and GRAVEL (FILL)	-1.0					
2.5	ML-SILT, no to low plasticity, brown, moist		2½"Ø BOREHOLE				
5.0			BENTONITE CHIP FILL				
	ML-SILT (NATIVE), some clay, plastic, brown to red browm, moist	-6.0					
7.5							
10.0							
12.5							
15.0							
17.5							
20.0							
22.5							
25.0	CL-CLAY, silty, trace sand, plastic, yellow and tan, moist	-25.0					
27.5							
30.0							
32.5	END OF HOLE @ 32.0ft BGS	-32.0					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: OW-3
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*775.5* *775.46*					
	NO SOIL LOG		CONCRETE SEAL				
-2.5							
			2½"Ø BOREHOLE				
-5.0							
-7.5			BENTONITE CHIP SEAL				
-10.0							
-12.5							
-15.0							
			2" PVC PIPE				
-17.5							
-20.0							
-22.5							
-25.0			WELL SCREEN				
			SAND PACK				
-27.5							
	END OF HOLE @ 28.0ft BGS	*747.5*					
-30.0			SCREEN DETAILS Screened interval: 23.0 to 28.0ft BGS Length: 5.0ft Diameter: 1" Slot Size: #10 Material: PVC Sand Pack: 6.0 to 28.0ft BGS Material: Sand				
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

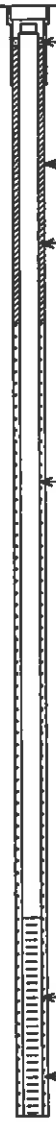
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(AL-15)
Page 1 of 1

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: OW-4
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*773.5* *773.17*					
	NO SOIL LOG		CONCRETE SEAL				
-2.5			2½"Ø BOREHOLE				
-5.0			BENTONITE CHIP SEAL				
-7.5							
-10.0							
-12.5			2" PVC PIPE				
-15.0							
-17.5							
-20.0							
-22.5							
-25.0			WELL SCREEN				
-27.5			SAND PACK				
	END OF HOLE @ 28.0ft BGS	*745.5*					
-30.0							
-32.5							



SCREEN DETAILS
Screened Interval:
23.0 to 28.0ft BGS
Length: 5.0ft
Diameter: 1"
Slot Size: #10
Material: PVC
Sand Pack:
6.0 to 28.0ft BGS
Material: Sand

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND RUG AND CARPET
PROJECT NUMBER: 14170
CLIENT: MOHAWK INDUSTRIES
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: OW-5
DATE COMPLETED: MAY 15, 2002
DRILLING METHOD: DIRECT PUSH
CRA SUPERVISOR: DAVID BRYTOWSKI

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*775.0* *774.56*					
	NO SOIL LOG		CONCRETE SEAL 2½"Ø BOREHOLE BENTONITE CHIP SEAL 2" PVC PIPE				
-2.5							
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0			WELL SCREEN SAND PACK				
-27.5	END OF HOLE @ 28.0ft BGS	*747.0*					
-30.0							
-32.5							

SCREEN DETAILS
Screened interval:
23.0 to 28.0ft BGS
Length: 5.0ft
Diameter: 1"
Slot Size: #10
Material: PVC
Sand Pack:
6.0 to 28.0ft BGS
Material: Sand

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-2
DATE COMPLETED: JANUARY 14, 1999
DRILLING METHOD: 4¼" ID HSA
CRA SUPERVISOR: SCOTT KENT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*774.0* *773.99*					
0	CL-CLAY (FILL), some gravel, stiff, low plasticity, brown, dry, no odor		CONCRETE SEAL				
2.5							
5.0			8 ½" Ø BOREHOLE				
7.5			CEMENT /BENTONITE GROUT				
10.0				1SS		25	
12.5	CL-CLAY (NATIVE), stiff, medium plasticity, light brown to dark brown, no odor above 17', strong diesel odor from 17' to 18', faint to no odor below 18'	*763.0*					
15.0			BENTONITE PELLET SEAL	2SS		44	
17.5			2" PVC PIPE	3SS		--	
20.0							
22.5							
25.0			WELL SCREEN	4SS		31	
27.5							
30.0			SAND PACK	5AC		--	
32.5	END OF HOLE @ 33.0ft BGS	*741.0*					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-2
DATE COMPLETED: JANUARY 14, 1999
DRILLING METHOD: 4¼" ID HSA
CRA SUPERVISOR: SCOTT KENT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
–37.5			**SCREEN DETAILS** **Screened Interval:** **18.0 to 33.0ft BGS** **Length: 15.0ft** **Diameter: 2"** **Slot Size: #10** **Material: PVC** **Sand Pack:** **16.0 to 33.0ft BGS** **Material: #2 Sand**				
–40.0							
–42.5							
–45.0							
–47.5							
–50.0							
–52.5							
–55.0							
–57.5							
–60.0							
–62.5							
–65.0							
–67.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-3/TW-5
DATE COMPLETED: JANUARY 27, 1999*
DRILLING METHOD: 4¼" ID HSA
CRA SUPERVISOR: SCOTT KENT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*773.7* *773.53*					
	- NO DESCRIPTIONS AVAILABLE (WELL BY OTHERS) * Temporary well (TW-5) installed in 1997 under supervision of AEM; CRA supervised grouting and completion of MWW-3		CONCRETE SEAL 8 ½" Ø BOREHOLE CEMENT /BENTONITE GROUT BENTONITE PELLET SEAL 2" PVC PIPE WELL SCREEN SAND PACK				
2.5							
5.0							
7.5							
10.0							
12.5							
15.0							
17.5							
20.0							
22.5							
25.0							
27.5							
30.0							
32.5	END OF HOLE @ 33.0ft BGS	*740.7*					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-3/TW-5
DATE COMPLETED: JANUARY 27, 1999*
DRILLING METHOD: 4¼" ID HSA
CRA SUPERVISOR: SCOTT KENT

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
–37.5			**SCREEN DETAILS** Screened interval: 23.0 to 33.0ft BGS Length: 10.0ft Diameter: 2" Slot Size: #10 Material: PVC Sand Pack: 21.0 to 33.0ft BGS Material: 30–40 Mesh Silica				
–40.0							
–42.5							
–45.0							
–47.5							
–50.0							
–52.5							
–55.0							
–57.5							
–60.0							
–62.5							
–65.0							
–67.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MWW-5
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*773.4* *773.22*					
2.5			CONCRETE SEAL 3"Ø BOREHOLE				
5.0			BENTONITE CHIP SEAL				
7.5			1¼" PVC CASING				
10.0	BOTTOM OF UST CLOSURE EXCAVATION (BACK-FILLED)	*762.4*					
12.5							
15.0							
17.5							
20.0							
22.5							
25.0							
27.5							
30.0							
32.5							

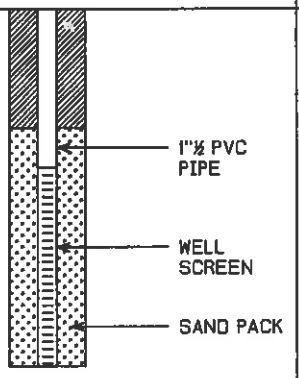
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: MW-5
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
-37.5							
-40.0							
-42.5							
-45.0	END OF HOLE @ 44.0ft BGS	729.4					
-47.5							
-50.0							
-52.5							
-55.0							
-57.5							
-60.0							
-62.5							
-65.0							
-67.5							



SCREEN DETAILS
Screened Interval:
39.0 to 44.0ft BGS
Length: 5.0ft
Diameter: 1½"
Slot Size: #10
Material: PVC
Sand Pack:
38.0 to 44.0ft BGS
Material: #20-40 Sand

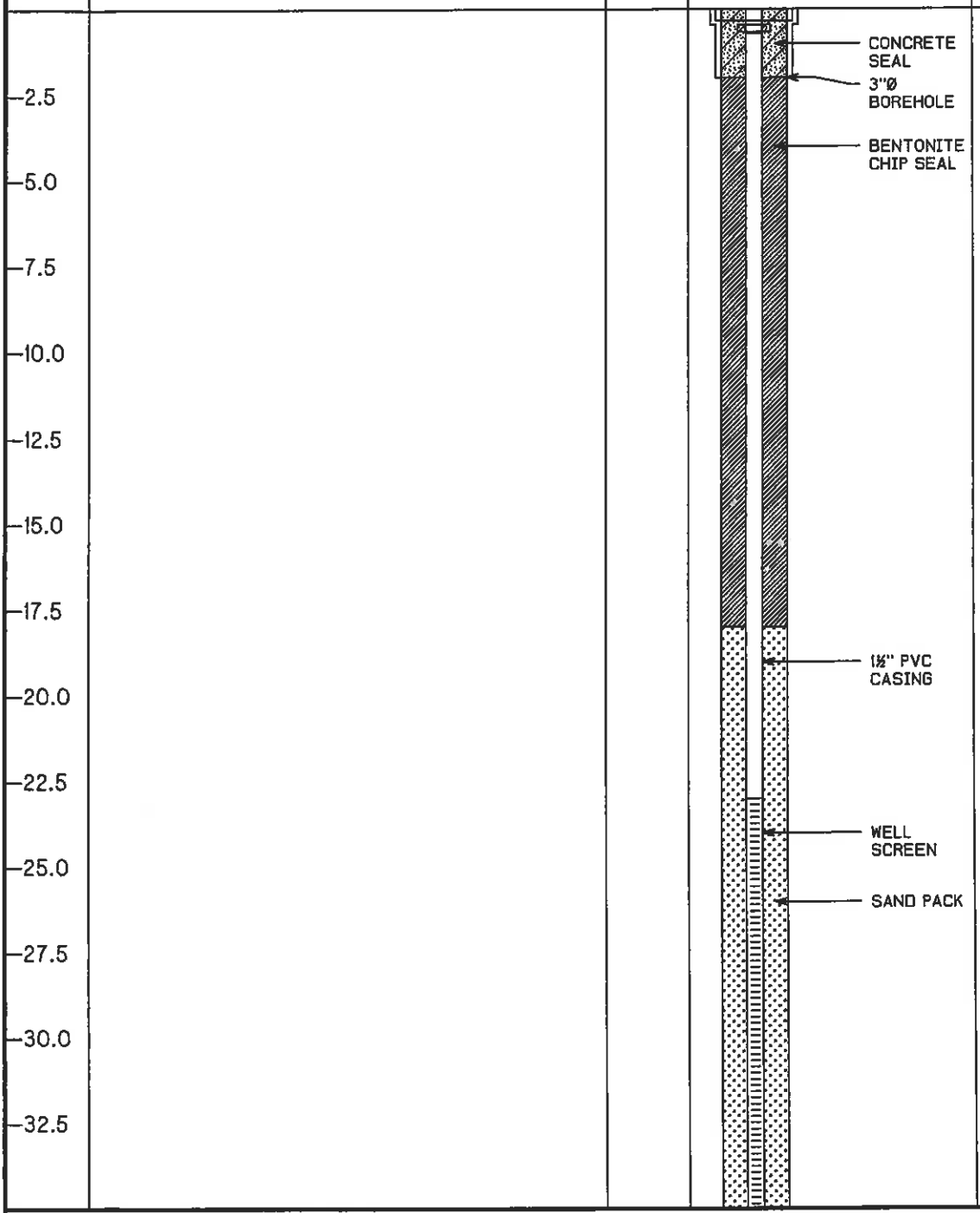
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-1
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*774.2* *774.08*					

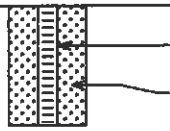


NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-1
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
–37.5	END OF HOLE @ 38.0ft BGS – Last 4 feet (736.0–746.0) were Cored rather than Compressed	*736.2*	 SCREEN DETAILS Screened interval: 23.0 to 38.0ft BGS Length: 15.0ft Diameter: 1½" Slot Size: #10 Material: PVC Sand Pack: 18.0 to 38.0ft BGS Material: #20–40 Sand				
–40.0							
–42.5							
–45.0							
–47.5							
–50.0							
–52.5							
–55.0							
–57.5							
–60.0							
–62.5							
–65.0							
–67.5							

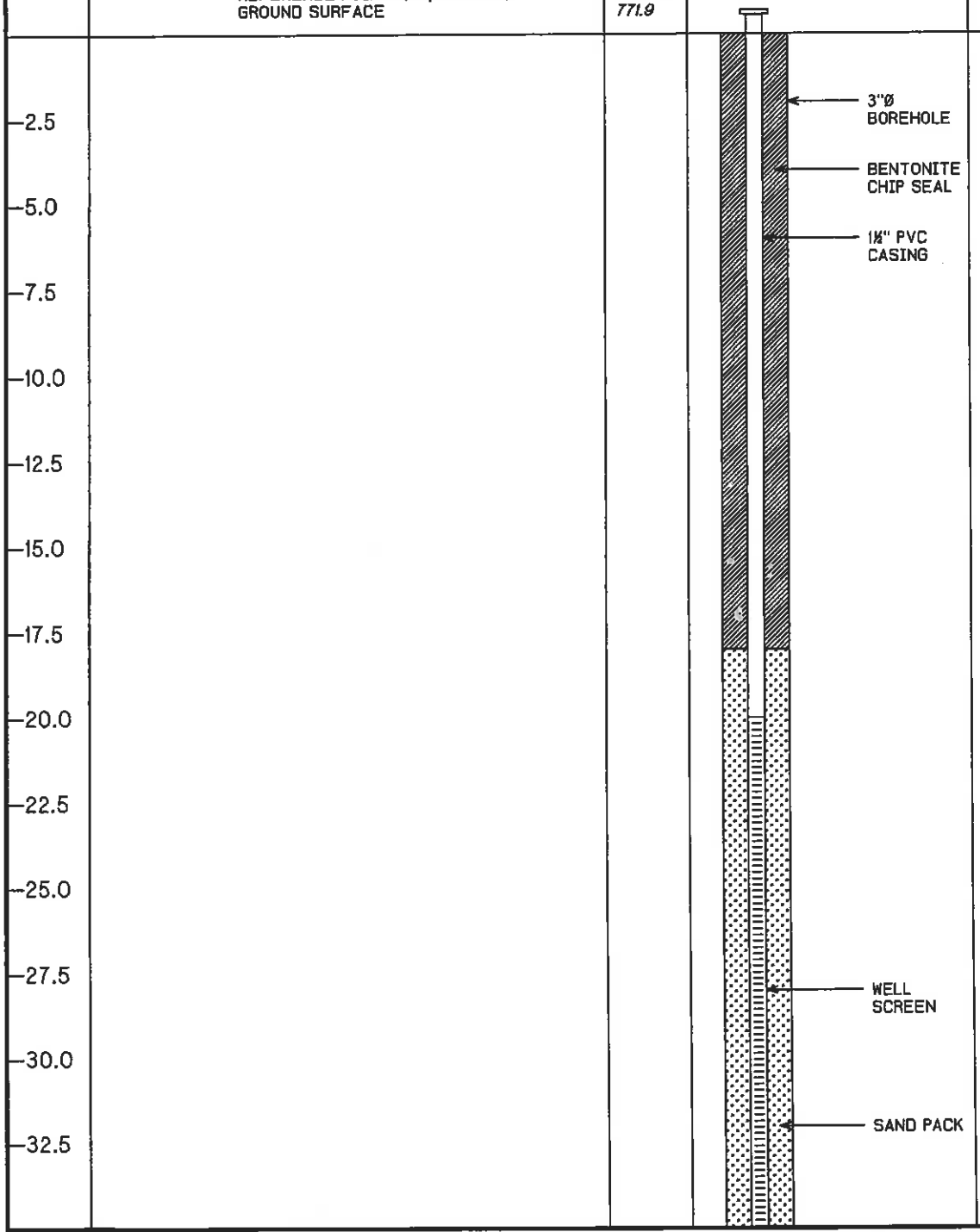
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-2
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	REFERENCE POINT (Top of Riser) GROUND SURFACE	*772.45* *771.9*					



NOTES: MEASURING POINT ELEVATIONS MAY CHANGE: REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-2
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
		~~736.9~~					
	END OF HOLE @ 35.0ft BGS		SCREEN DETAILS Screened interval: 20.0 to 35.0ft BGS Length: 15.0ft Diameter: 1½" Slot Size: #10 Material: PVC Sand Pack: 18.0 to 35.0ft BGS Material: #20-40 Sand				
-37.5							
-40.0							
-42.5							
-45.0							
-47.5							
-50.0							
-52.5							
-55.0							
-57.5							
-60.0							
-62.5							
-65.0							
-67.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-3
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	REFERENCE POINT (Top of Riser) GROUND SURFACE	*771.62* *770.6*					
2.5			3"Ø BOREHOLE				
5.0			BENTONITE CHIP SEAL				
7.5			1¼" PVC CASING				
10.0							
12.5							
15.0							
17.5							
20.0							
22.5							
25.0	- Borehole narrows at 25.0ft BGS						
27.5			WELL SCREEN				
30.0							
32.5			SAND PACK				

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-3
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
		~~735.0~~					
	END OF HOLE @ 35.0ft BGS		**SCREEN DETAILS** Screened interval: 20.0 to 35.0ft BGS Length: 15.0ft Diameter: 1½" Slot Size: #10 Material: PVC Sand Pack: 18.0 to 35.0ft BGS Material: #20-40 Sand				
37.5							
40.0							
42.5							
45.0							
47.5							
50.0							
52.5							
55.0							
57.5							
60.0							
62.5							
65.0							
67.5							

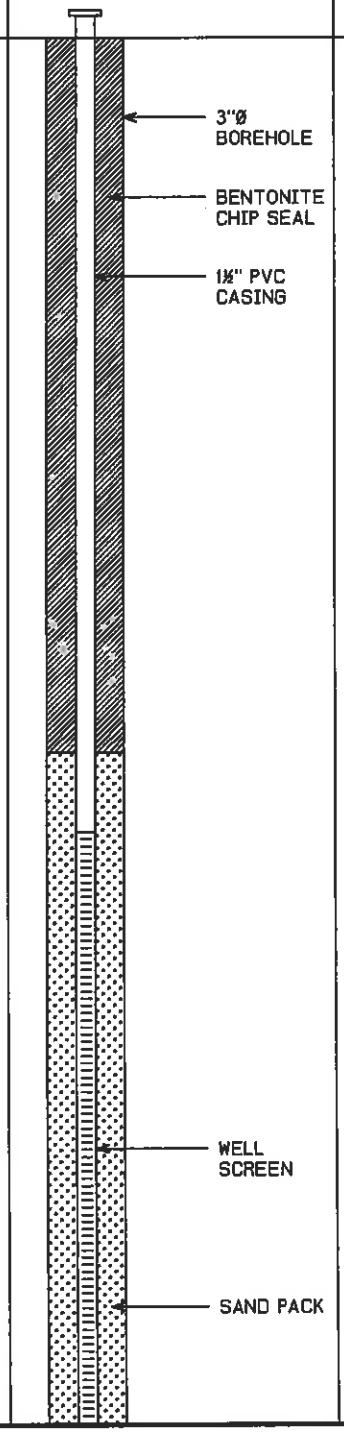
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-4
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	REFERENCE POINT (Top of Riser) GROUND SURFACE	*772.54* *770.2*					
25.0	– Borehole narrows at 25.0ft BGS	*745.2*					



NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-4
DATE COMPLETED: OCTOBER 19, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
		~~735.2~~					
	END OF HOLE @ 35.0ft BGS		SCREEN DETAILS Screened Interval: 20.0 to 35.0ft BGS Length: 15.0ft Diameter: 1¼" Slot Size: #10 Material: PVC Sand Pack: 18.0 to 35.0ft BGS Material: #20-40 Sand				
37.5							
40.0							
42.5							
45.0							
47.5							
50.0							
52.5							
55.0							
57.5							
60.0							
62.5							
65.0							
67.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-5
DATE COMPLETED: OCTOBER 18, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	REFERENCE POINT (Top of Riser) GROUND SURFACE	*773.10* *772.7*					
2.5			3"Ø BOREHOLE				
5.0	- Borehole constricted at 5.0ft BGS		BENTONITE CHIP SEAL				
7.5			1½" PVC CASING				
10.0							
12.5							
15.0							
17.5							
20.0							
22.5							
25.0							
27.5			WELL SCREEN				
30.0							
32.5			SAND PACK				

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: FORMER DIAMOND CARPET PLANT
PROJECT NUMBER: 13630
LOCATION: ETON, GEORGIA

HOLE DESIGNATION: PZ-5
DATE COMPLETED: OCTOBER 18, 1999
DRILLING METHOD: DIRECT PUSH TECHNOLOGY
CRA SUPERVISOR: THOM LAWRENCE

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE NUMBER	SAMPLE STATE	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
		~~737.7~~					
	END OF HOLE @ 35.0ft BGS		**SCREEN DETAILS** **Screened Interval:** **20.0 to 35.0ft BGS** **Length: 15.0ft** **Diameter: 1½"** **Slot Size: #10** **Material: PVC** **Sand Pack:** **18.0 to 35.0ft BGS** **Material: #20-40 Sand**				
-37.5							
-40.0							
-42.5							
-45.0							
-47.5							
-50.0							
-52.5							
-55.0							
-57.5							
-60.0							
-62.5							
-65.0							
-67.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

TABLE 2

TEMPORARY WELL CONSTRUCTION SPECIFICATIONS

DIAMOND RUG AND CARPET MILLS, INC.
ETON PLANT, ETON, GEORGIA

Well Number	Well Location	Well Depth (ft TOC)	Screen Interval (ft bgs)	Sand Pack (ft bgs)	Bentonite Seal (ft bgs)	Water Level (ft TOC)
TW-1	Gasoline UST	34.0	23.5-33.5	21-34	19-21	21.13
TW-2	SE Septic Tank	35.2	21-31	19-31.5	17-19	26.67
TW-3	Railroad Spur Septic Tank	30.2	18-28	16-30	14-16	22.98
TW-4	Air Compressor Septic Tank	31.0	20.5-30.5	18-31	16-18	25.92
TW-5	Oil Sump	35.2	23-33	21-~~23~~ 33	19-21	18.65
TW-6	Garage Septic Tank	35.2	23-33	21-~~23~~ 33	19-21	18.07
TW-7	East Trailer Lot Septic Tank	33.1	23-33	21-33.5	16-21	21.55
TW-8	Dye Discharge Sump	34.0	23-33	21.5-34.5	16.5-21.5	14.75
TW-9	South Latex Lagoon	44.2	32.2-42.2	30-43	25-30	21.36
TW-10	North Latex Lagoon	38.5	26-36	24-37	20-24	20.13
TW-11	Latex Sump	25.25	12.75-22.75	10-23.5	8-10	14.55

TOC = Top of Casing

13 bgs

8295

TABLE from Appendix A

APPENDIX C

ESN LABORATORY REPORT (MOBILE/ON-SITE LABORATORY)

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

RECEIVED
June 20/02
MR
14170
June 21/02

Case Narrative

Client Information:

Client: Conestoga Rovers Associates
1351 Oak Brook Drive, Ste 150
Norcross, GA 30093
Project Mgr: David Brytowski

Client Project Information:

Project: Mohawk Carpets

Collected by: David Brytowski

Laboratory Project Information:

Lab Number: 020467-4

Case Summary:

1) Samples were received in good condition in ESN's Mobile Laboratory.
2) Samples were analyzed following current EPA Methodologies and the standards of NELAP.
3) No QA/QC problems were encountered during the analysis of the samples.

Data Approved by: Phillip Hathcock Date: 6/20/02
Phillip Hathcock
Laboratory Technical Director

* Estimated uncertainties for test results are found in laboratory SOPs and are available upon request.
* ESN Southeast is certified/approved to conduct environmental analytical testing in the following states:
* California #2121, Florida #990184, Tennessee, Alabama, Georgia.
* ESN Southeast adheres to the standards set forth by the National Environmental Laboratory Accreditation Program (NELAP).

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	.....
Date Received:	.....
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	Method Blank
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	107
Toluene-d8	111
4-Bromofluorobenzene	120

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-1
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m* &*p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	22.2	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	11.9	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	1.9 J	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	66.6			

DATA QUALIFIERS:

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	105
Toluene-d8	114
4-Bromofluorobenzene	109

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-2
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	14.3	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	72.4	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	4.5 J	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	34.5			

DATA QUALIFIERS:

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	101
Toluene-d8	111
4-Bromofluorobenzene	116

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-3
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	1.6 J	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	6.7	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	1.5 J	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	5.1			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	116
Toluene-d8	111
4-Bromofluorobenzene	113

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	.....
Date Received:	.....
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	Method Blank
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as **'ND'** were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	107
Toluene-d8	110
4-Bromofluorobenzene	116

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-4
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p* -Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	2.1 J	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	4.4 J	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	3.5 J			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as **'ND'** were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	107
Toluene-d8	110
4-Bromofluorobenzene	116

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	MW-1
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	1.4 J	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	34.0			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	118
Toluene-d8	117
4-Bromofluorobenzene	109

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-5
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	24.9	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	470	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	34.2	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	7.6			
Benzene	5.0	ND			
Trichloroethene	5.0	4.4 J			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	8.2			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	91.6			

DATA QUALIFIERS:

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	106
Toluene-d8	115
4-Bromofluorobenzene	115

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-6
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m* &*p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	7.2	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	7.3			

DATA QUALIFIERS:

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	111
Toluene-d8	119
4-Bromofluorobenzene	113

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-7
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p* -Xylene	10.0	ND
1,1-Dichloroethene	5.0	17.7	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	32.4	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	22.9			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	128
Toluene-d8	118
4-Bromofluorobenzene	107

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	.....
Date Received:	.....
Date Analyzed:	5/15/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	Method Blank
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	107
Toluene-d8	114
4-Bromofluorobenzene	105

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/15/02
Date Received:	5/15/02
Date Analyzed:	5/15/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-9
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	1.5 J	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	9.9 J	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	100
Toluene-d8	107
4-Bromofluorobenzene	111

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/15/02
Date Received:	5/15/02
Date Analyzed:	5/15/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-10
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as **'ND'** were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	91
Toluene-d8	115
4-Bromofluorobenzene	113

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/15/02
Date Received:	5/15/02
Date Analyzed:	5/15/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-11
Sample Matrix:	Water

CONSTITUENT	PQL* ug/L	RESULTS ug/L	CONSTITUENT	PQL* ug/L	RESULTS ug/L
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	10.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl Isobutyl Ketone	50.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl-t-butyl ether	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	119
Toluene-d8	119
4-Bromofluorobenzene	109

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	.....
Date Received:	.....
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	Method Blank
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

Surrogate Compounds	% Recovery
Dibromofluoromethane	107
Toluene-d8	111
4-Bromofluorobenzene	120

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-1 2'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	5190	from DL=50		

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	105
Toluene-d8	108
4-Bromofluorobenzene	108

*PQL - Practical Quantitation Limit

**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-1 21'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	113
Toluene-d8	112
4-Bromofluorobenzene	114

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-2 1.5'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	113
Toluene-d8	115
4-Bromofluorobenzene	112

*PQL - Practical Quantitation Limit

**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-2 17'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	112
Toluene-d8	113
4-Bromofluorobenzene	107

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/13/02
Date Received:	5/13/02
Date Analyzed:	5/13/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-3 6'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	109
Toluene-d8	111
4-Bromofluorobenzene	102

*PQL - Practical Quantitation Limit

**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	.....
Date Received:	.....
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	Method Blank
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	106
Toluene-d8	110
4-Bromofluorobenzene	116

*PQL - Practical Quantitation Limit
**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-4 2'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	110
Toluene-d8	111
4-Bromofluorobenzene	109

*PQL - Practical Quantitation Limit
**Results listed as "ND" were NOT DETECTED at or above the listed PQL.

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-4 13'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	105
Toluene-d8	117
4-Bromofluorobenzene	115

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-5 2'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	10.3	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	5.3	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	560			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	105
Toluene-d8	116
4-Bromofluorobenzene	112

***PQL** - Practical Quantitation Limit

****Results** listed as **'ND'** were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-6 6'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m* &*p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	110
Toluene-d8	113
4-Bromofluorobenzene	114

*PQL - Practical Quantitation Limit

**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/14/02
Date Received:	5/14/02
Date Analyzed:	5/14/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-7 2'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	120
Toluene-d8	119
4-Bromofluorobenzene	110

***PQL** - Practical Quantitation Limit
****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

020467-4

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	**CONESTOGA-ROVERS**
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	.....
Date Received:	.....
Date Analyzed:	5/15/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	Method Blank
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m &p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	
Toluene-d8	
4-Bromofluorobenzene	

***PQL** - Practical Quantitation Limit

****Results** listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

CERTIFICATE OF ANALYSIS

Volatile Organic Compounds by GC/MS
EPA Method 8260B

Client Information:

Client:	CONESTOGA-ROVERS
	1351 Oak Brook Dr., Ste. 150
	Norcross, Ga. 30093
Project Mgr:	David Brytowski

Laboratory Information:

Lab Number:	020467-4
Date Collected:	5/15/02
Date Received:	5/15/02
Date Analyzed:	5/15/02

Project Information:

Project:	Mohawk Carpets
	Eton, GA.
Project No.:	
Collected by:	DAVID

Sample Information:

Sample ID:	BH-7 11'
Sample Matrix:	Soil

CONSTITUENT	PQL* ug/kg	RESULTS ug/kg	CONSTITUENT	PQL* ug/kg	RESULTS ug/kg
Dichlorodifluoromethane	5.0	ND	Dibromochloromethane	5.0	ND
Chloromethane	5.0	ND	1,2-Dibromoethane	5.0	ND
Vinyl Chloride	5.0	ND	Chlorobenzene	5.0	ND
Bromomethane	5.0	ND	1,1,1,2-Tetrachloroethane	5.0	ND
Chloroethane	5.0	ND	Ethylbenzene	5.0	ND
Trichlorofluoromethane	5.0	ND	*m&p*-Xylene	10.0	ND
1,1-Dichloroethene	5.0	ND	*o*-Xylene	5.0	ND
Methylene Chloride	5.0	ND	Styrene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND	Bromoform	5.0	ND
1,1-Dichloroethane	5.0	ND	1,1,2,2-Tetrachloroethane	5.0	ND
2,2-Dichloropropane	5.0	ND	Methyl-t-butyl ether	5.0	ND
cis-1,2-Dichloroethene	5.0	ND	Methyl Isobutyl Ketone	5.0	ND
Chloroform	5.0	ND			
Bromochloromethane	5.0	ND			
1,1,1-Trichloroethane	5.0	ND			
Carbon Tetrachloride	5.0	ND			
1,1-Dichloropropene	5.0	ND			
1,2-Dichloroethane	5.0	ND			
Benzene	5.0	ND			
Trichloroethene	5.0	ND			
1,2-Dichloropropane	5.0	ND			
Bromodichloromethane	5.0	ND			
Dibromomethane	5.0	ND			
Acetone	50.0	ND			
cis-1,3-Dichloropropene	5.0	ND			
Toluene	5.0	ND			
trans-1,3-Dichloropropene	5.0	ND			
1,1,2-Trichloroethane	5.0	ND			
1,3-Dichloropropane	5.0	ND			
2-Hexanone	50.0	ND			
2-Butanone	50.0	ND			
Tetrachloroethene	5.0	ND			

DATA QUALIFIERS:

Surrogate Compounds	% Recovery
Dibromofluoromethane	83
Toluene-d8	110
4-Bromofluorobenzene	113

*PQL - Practical Quantitation Limit

**Results listed as 'ND' were NOT DETECTED at or above the listed PQL.

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ESN SOUTHEAST ENVIRONMENTAL SERVICES NETWORK

3600-C Kennesaw N. Ind. Pkwy. ■ Kennesaw, GA 30144 ■ 770-919-0805 ■ Fax 770-919-0806

CHAIN-OF-CUSTODY RECORD

CLIENT: CONESTOGA - ROVERS & ASSOCIATES
ADDRESS: 1351 Oak Brook Dr., Ste 150
CITY: Norcross STATE: GA. ZIP: 30093
PHONE: 770-441-0027 FAX: 770-441-2050
CLIENT PROJECT #: PROJECT MANAGER: D. Brytowski

DATE: May 13, 2002 PAGE 1 OF 1
ESN PROJECT #: 020467-4
LOCATION: Mohawk Carpet Eton, GA.
COLLECTOR: David B. DATE OF COLLECTION: 5/13

Sample Number	Depth	Time	Date	Sample Type	Container	ANALYSES: BTEX 8021B	VOA 8021B	VOA 624 (8260B)	Semi Vol 625/8270C	TPH 8015B (gasoline)	TPH 8015B (diesel)	TPH 8015B (g & d)	PAH 610/8100	PEST/PCBs 8081	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
BH-1	2'		5/13	SOIL	4oz Jar			✓								1	
BH-1	21'			↓	↓			—								1	
BH-1	—			LIQ	VOAs			✓								2	
BH-2	—			↓	VOAs			✓								2	
BH-2	1.5'			SOIL	4oz Jar			✓								1	
BH-2	17'			↓	↓			—								1	
BH-3	6'			SOIL	4oz Jar			—								1	
BH-3	—	1820		LIQ	VOAs			✓								2	

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME 5/13/02

SAMPLE DISPOSAL INSTRUCTIONS
☑ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT
TOTAL NUMBER OF CONTAINERS
CHAIN OF CUSTODY SEALS Y/N/NA
SEALS INTACT? Y/N/NA
RECEIVED GOOD CON./COLD
NOTES:

LABORATORY NOTES:

ESI SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

3600-C Kennesaw N. Ind. Pkwy. ■ Kennesaw, GA 30144 ■ 770-919-0805 ■ Fax 770-919-0806

CHAIN-OF-CUSTODY RECORD

CLIENT: CONESTOGA-ROVERS & ASSOCIATES
ADDRESS: 1351 Oak Brook Dr., Ste. 150
CITY: Norcross STATE: GA. ZIP: 30093
PHONE: 770-441-0027 FAX: 770-441-2050
CLIENT PROJECT #: PROJECT MANAGER: D. Brytowski

DATE: May 14, 2002 PAGE 1 OF 1
ESN PROJECT #: 020467-4
LOCATION: MOHAWK Carpets. Eton, GA
COLLECTOR: David B. DATE OF COLLECTION: 5/14

Sample Number	Depth	Time	Date	Sample Type	Container	ANALYSES: BTEX 8021B	VOA 8021B	VOA 624/8260B	Semi Vol 625/8270C	TPH 8015B (gasoline)	TPH 8015B (diesel)	TPH 8015B (g & d)	PAH 610/8100	PEST/PCBs8081	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
BH-4	2'	—	5/14	SOIL	4oz. JAR		✓									1	
BH-4	13'	—	↓	↓	↓		✓									1	
BH-4	—	—		LIQ	VOAs		✓									2	
BH-5	2'	1020		SOIL	4oz. JAR		✓									1	
MW-1	—	1045		LIQ	VOAs		✓									2	
BH-5	—	1245		↓	↓		✓									2	
BH-6	6'	1320		SOIL	4oz JAR		✓									1	
BH-6	—	1500		LIQ	VOAs		✓									2	
BH-7	2'	1530		SOIL	4oz. JAR		✓									1	
BH-7	11'	—		↓	↓		✓								HOLD	1	
BH-7	—	1800	↓	LIQ	VOAs		✓									2	

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME 5/14/02

SAMPLE DISPOSAL INSTRUCTIONS
☑ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT
TOTAL NUMBER OF CONTAINERS
CHAIN OF CUSTODY SEALS Y/N/NA
SEALS INTACT? Y/N/NA
RECEIVED GOOD CON./COLD
NOTES:

LABORATORY NOTES:

ESN SOUTHEAST | ENVIRONMENTAL SERVICES NETWORK

3600-C Kennesaw N. Ind. Pkwy. ■ Kennesaw, GA 30144 ■ 770-919-0805 ■ Fax 770-919-0806

CHAIN-OF-CUSTODY RECORD

CLIENT: CONESTOGA - ROVERS & ASSOCIATES
ADDRESS: 1351 Oak Brook Dr., Ste. 150
CITY: NORCROSS STATE: GA. ZIP: 30093
PHONE: 770-441-0027 FAX: 770-441-2055
CLIENT PROJECT #: PROJECT MANAGER: D. Brytowski

DATE: May 15, 2002 PAGE 1 OF 1
ESN PROJECT #: 020467-4
LOCATION: MOHAWK CARPETS Eton, GA.
COLLECTOR: David B. DATE OF COLLECTION: 5/15

Sample Number	Depth	Time	Date	Sample Type	Container	ANALYSES: BTEX 8021B	VOA 8021B	VOA 624/8260B	Semi Vol 625/8270C	TPH 8015B (gasoline)	TPH 8015B (diesel)	TPH 8015B (g & d)	PAH 610/8100	PEST/PCB 8081	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
✓ BH-9	—	1000	5/15	L.Q	VOAs		✓									2	
✓ BH-10	—	1050	〃	〃			✓									2	
✓ BH-11	—	1330	〃	〃			✓									2	

RELINQUISHED BY: (Signature) DATE/TIME
RECEIVED BY: (Signature) DATE/TIME 5/15/02
RELINQUISHED BY: (Signature) DATE/TIME
RECEIVED BY: (Signature) DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS
❑ ESN DISPOSAL @ $2.00 each ❑ Return ❑ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD CON./COLD	
NOTES:	

LABORATORY NOTES:

APPENDIX D

AES LABORATORY REPORT (FIXED BASE LABORATORY)

SAMPLE KEY

ANALYTICAL RESULTS (FIXED LAB)
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

Matrix	Location	Sample Identification
Groundwater	OW-4	GW-052102-DJB-001
	OW-4	GW-052102-DJB-002 (Dup.)
	OW-1	GW-052102-DJB-003
	OW-2	GW-052102-DJB-004
	OW-3	GW-052102-DJB-005
	OW-5	GW-052102-DJB-006
	MWW-1	GW-053102-DJB-001
	MWW-1	GW-053102-DJB-002 (Dup.)
	MWW-2	GW-053102-MR-003
	MWW-5	GW-053102-MR-004
	PZ-4	GW-053102-MR-005
	TW-10	GW-053102-MR-006
	TW-11	GW-053102-DJB-007
	TW-9	GW-053102-DJB-008
	BH-12	GW-060402-MR-009
Soil		
	BH-12	SS-060402-MR-001
	BH-13	SS-060402-MR-002

SAMPLE KEY
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
SAMPLES COLLECTED
MAY 21, 2002

Matrix	*Well ID*	*Sample Number*
Water	MWW-1	GW-052102-DJB-001
Water	MWW-1	GW-052102-DJB-002 (Duplicate)
Water	MWW-2	GW-052102-MR-003
Water	MWW-5	GW-052102-MR-004
Water	PZ-4	GW-052102-MR-005
Water	TW-10	GW-052102-MR-006
Water	TW-11	GW-052102-DJB-007
Water	TW-9	GW-052102-MR-008

14170

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

June 10, 2002

David Brytowski
Conestoga, Rovers, & Associates, Inc.
1351 Oakbrook Drive
Suite 150
Norcross, GA 30093
TEL (770) 441-0027
FAX (770) 441-2050

Rec'd CRA
JUN 12 2002

RE: Mohawk (Eton)

Order 0205566

Dear David Brytowski:

Analytical Environmental Servs, Inc. received 6 samples on 5/22/02 12:40:00 PM for the analyses presented in the following report.

No problems were encountered during analyses. Additionally, all results for the associated quality control samples were within EPA and/or AES established limits except where noted in the project Case Narrative.
NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water effective 07/01/01-06/30/02.
AIHA Certification number 505 for analysis of Air, Paint Chips, Soil, Dust Wipes effective until 03/01/03.
These results relate only to the items tested.
This report shall not be reproduced except in full and with the permission of the laboratory.

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

Jason Holloway
Project Manager

(Revision 1: Reported cis-1,2-DCE per client request)

Analytical Environmental Services, Inc.

Sample Receipt Checklist

Client CRA Date and Time 5/22/02 12:40

Work Order Number 02055de Received by AG

Checklist completed by A. Gen (Signature) 5/22/02 (Date) Reviewed by [illegible] (Initials) 5/22/02 (Date)

Carrier name: FedEx __ UPS __ Courier __ Client X 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 ✓
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 __	
Container/Temp Blank temperature in compliance?	Yes ✓	No __	

Cooler #1 4° Cor OK Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

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

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

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments:

Corrective Action

Analytical Environmental Servs, Inc.

Date: *10-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-052102-DJB-001
Lab Order:	0205566	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/21/02 2:50:00 PM
Lab ID:	0205566-001A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	5/22/02 10:47:00 PM
1,1-Dichloroethane	7.3	5.0		µg/L	1	5/22/02 10:47:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	5/22/02 10:47:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	5/22/02 10:47:00 PM
Tetrachloroethene	5.5	5.0		µg/L	1	5/22/02 10:47:00 PM
Trichloroethene	BRL	5.0		µg/L	1	5/22/02 10:47:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	5/22/02 10:47:00 PM
Surr: 4-Bromofluorobenzene	113	71.8-143		%REC	1	5/22/02 10:47:00 PM
Surr: Dibromofluoromethane	105	80.3-123		%REC	1	5/22/02 10:47:00 PM
Surr: Toluene-d8	108	70.1-142		%REC	1	5/22/02 10:47:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *10-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-052102-DJB-002
Lab Order:	0205566	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/21/02 3:05:00 PM
Lab ID:	0205566-002A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	5/23/02 12:16:00 AM
1,1-Dichloroethane	7.7	5.0		µg/L	1	5/23/02 12:16:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 12:16:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 12:16:00 AM
Tetrachloroethene	6.0	5.0		µg/L	1	5/23/02 12:16:00 AM
Trichloroethene	BRL	5.0		µg/L	1	5/23/02 12:16:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	5/23/02 12:16:00 AM
Surr: 4-Bromofluorobenzene	114	71.8-143		%REC	1	5/23/02 12:16:00 AM
Surr: Dibromofluoromethane	104	80.3-123		%REC	1	5/23/02 12:16:00 AM
Surr: Toluene-d8	108	70.1-142		%REC	1	5/23/02 12:16:00 AM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *10-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-052102-DJB-003
Lab Order:	0205566	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/21/02 4:30:00 PM
Lab ID:	0205566-003A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	5/23/02 12:45:00 AM
1,1-Dichloroethane	7.7	5.0		µg/L	1	5/23/02 12:45:00 AM
1,1-Dichloroethene	13	5.0		µg/L	1	5/23/02 12:45:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 12:45:00 AM
Tetrachloroethene	98	5.0		µg/L	1	5/23/02 12:45:00 AM
Trichloroethene	BRL	5.0		µg/L	1	5/23/02 12:45:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	5/23/02 12:45:00 AM
Surr: 4-Bromofluorobenzene	114	71.8-143		%REC	1	5/23/02 12:45:00 AM
Surr: Dibromofluoromethane	101	80.3-123		%REC	1	5/23/02 12:45:00 AM
Surr: Toluene-d8	111	70.1-142		%REC	1	5/23/02 12:45:00 AM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *10-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-052102-DJB-004
Lab Order:	0205566	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/21/02 5:40:00 PM
Lab ID:	0205566-004A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	5/23/02 1:15:00 AM
1,1-Dichloroethane	19	5.0		µg/L	1	5/23/02 1:15:00 AM
1,1-Dichloroethene	14	5.0		µg/L	1	5/23/02 1:15:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 1:15:00 AM
Tetrachloroethene	29	5.0		µg/L	1	5/23/02 1:15:00 AM
Trichloroethene	BRL	5.0		µg/L	1	5/23/02 1:15:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	5/23/02 1:15:00 AM
Surr: 4-Bromofluorobenzene	115	71.8-143		%REC	1	5/23/02 1:15:00 AM
Surr: Dibromofluoromethane	104	80.3-123		%REC	1	5/23/02 1:15:00 AM
Surr: Toluene-d8	110	70.1-142		%REC	1	5/23/02 1:15:00 AM

Qualifiers:

- BRL - Below Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *10-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-052102-DJB-005
Lab Order:	0205566	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/21/02 5:50:00 PM
Lab ID:	0205566-005A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	5/23/02 1:44:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	1	5/23/02 1:44:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 1:44:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 1:44:00 AM
Tetrachloroethene	BRL	5.0		µg/L	1	5/23/02 1:44:00 AM
Trichloroethene	BRL	5.0		µg/L	1	5/23/02 1:44:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	5/23/02 1:44:00 AM
Surr: 4-Bromofluorobenzene	114	71.8-143		%REC	1	5/23/02 1:44:00 AM
Surr: Dibromofluoromethane	103	80.3-123		%REC	1	5/23/02 1:44:00 AM
Surr: Toluene-d8	107	70.1-142		%REC	1	5/23/02 1:44:00 AM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *10-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-052102-DJB-006
Lab Order:	0205566	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/21/02 6:30:00 PM
Lab ID:	0205566-006A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	5/23/02 2:14:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	1	5/23/02 2:14:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 2:14:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	5/23/02 2:14:00 AM
Tetrachloroethene	BRL	5.0		µg/L	1	5/23/02 2:14:00 AM
Trichloroethene	BRL	5.0		µg/L	1	5/23/02 2:14:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	5/23/02 2:14:00 AM
Surr: 4-Bromofluorobenzene	115	71.8-143		%REC	1	5/23/02 2:14:00 AM
Surr: Dibromofluoromethane	108	80.3-123		%REC	1	5/23/02 2:14:00 AM
Surr: Toluene-d8	109	70.1-142		%REC	1	5/23/02 2:14:00 AM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

CRA
CONESTOGA-ROVERS & ASSOCIATES, INC.
1351 Oakbrook Drive Suite 150
Norcross, GA 30093 404-441-0027

CHAIN OF CUSTODY RECORD

SHIPPED TO (Laboratory Nam.): AES 02055Ldo

REFERENCE NUMBER: 14170

PROJECT NAME: Mohawk (Eton)

SAMPLER'S SIGNATURE: David Brytowski PRINTED NAME: David Brytowski

SEQ. NO.	DATE	TIME	SAMPLE NUMBER	SAMPLE TYPE	NO. OF CONTAINERS	PARAMETERS: Select Chlorinated Hydrocarbons	REMARKS
	5/21/02	14:50	GW-052102DJA 001	water	2	X	Standard TAT
		15:05	002		2	X	
		16:30	003		2	X	Select chlorinated hydrocarbons include the following: PCE, TCE, DCA, DCE, TCA, and vinyl chloride
		17:40	004		2	X	
		17:50	005		2	X	
	5/21/02	18:30	GW-052102DJB 006	water	1	X	
							use SW 846 method 8260B
			TOTAL NUMBER OF CONTAINERS		11		

RELINQUISHED BY: ① David Brytowski	DATE: 5/22/02 TIME: 12:40	RECEIVED BY: ② A-GEN	DATE: 5/22/02 TIME: 12:40
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: AIR BILL NUMBER:

White - Fully Executed Copy
Yellow - Receiving Laboratory Copy
Pink - Sampler Copy
Goldenrod - Chemist Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

3356

1007(FORMS) — DEC 6, 93 — REV.D — (AF-01)

SAMPLE KEY
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
SAMPLES COLLECTED
MAY 31, 2002

Matrix	*Well ID*	*Sample Number*
Water	MWW-1	GW-053102-DJB-001
Water	MWW-1	GW-053102-DJB-002 (Duplicate)
Water	MWW-2	GW-053102-MR-003
Water	MWW-5	GW-053102-MR-004
Water	PZ-4	GW-053102-MR-005
Water	TW-10	GW-053102-MR-006
Water	TW-11	GW-053102-DJB-007
Water	TW-9	GW-053102-MR-008

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 24, 2002

David Brytowski
Conestoga, Rovers, & Associates, Inc.
1351 Oakbrook Drive
Suite 150
Norcross, GA 30093

TEL (770) 441-0027
FAX (770) 441-2050

RE: Mohawk (Eton)

Order 0206031

Dear David Brytowski:

Analytical Environmental Servs, Inc. received 8 samples on 6/3/02 1:50:00 PM for the analyses presented in the following report.

No problems were encountered during analyses. Additionally, all results for the associated quality control samples were within EPA and/or AES established limits except where noted in the project Case Narrative.
NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water effective 07/01/01-06/30/02.
AIHA Certification number 505 for analysis of Air, Paint Chips, Soil, Dust Wipes effective until 03/01/03.
These results relate only to the items tested.
This report shall not be reproduced except in full and with the permission of the laboratory.

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

Jason Holloway
Project Manager

(Revision 1: Added cis-1,2-DCE per client request)

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	001-GW053102-DJB
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 1:25:00 PM
Lab ID:	0206031-001A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/4/02 7:21:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/4/02 7:21:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/4/02 7:21:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/4/02 7:21:00 PM
Tetrachloroethene	32	5.0		µg/L	1	6/4/02 7:21:00 PM
Trichloroethene	BRL	5.0		µg/L	1	6/4/02 7:21:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	6/4/02 7:21:00 PM
Surr: 4-Bromofluorobenzene	94.2	70.2-131		%REC	1	6/4/02 7:21:00 PM
Surr: Dibromofluoromethane	112	80.3-123		%REC	1	6/4/02 7:21:00 PM
Surr: Toluene-d8	113	70.1-142		%REC	1	6/4/02 7:21:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	002-GW053102-DJB
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 1:40:00 PM
Lab ID:	0206031-002A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/4/02 7:49:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/4/02 7:49:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/4/02 7:49:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/4/02 7:49:00 PM
Tetrachloroethene	31	5.0		µg/L	1	6/4/02 7:49:00 PM
Trichloroethene	BRL	5.0		µg/L	1	6/4/02 7:49:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	6/4/02 7:49:00 PM
Surr: 4-Bromofluorobenzene	94.2	70.2-131		%REC	1	6/4/02 7:49:00 PM
Surr: Dibromofluoromethane	112	80.3-123		%REC	1	6/4/02 7:49:00 PM
Surr: Toluene-d8	113	70.1-142		%REC	1	6/4/02 7:49:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	003-GW053102-MR
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 2:20:00 PM
Lab ID:	0206031-003A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/5/02 7:57:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/5/02 7:57:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/5/02 7:57:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/5/02 7:57:00 PM
Tetrachloroethene	BRL	5.0		µg/L	1	6/5/02 7:57:00 PM
Trichloroethene	BRL	5.0		µg/L	1	6/5/02 7:57:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	6/5/02 7:57:00 PM
Surr: 4-Bromofluorobenzene	120	71.8-143		%REC	1	6/5/02 7:57:00 PM
Surr: Dibromofluoromethane	80.5	80.3-123		%REC	1	6/5/02 7:57:00 PM
Surr: Toluene-d8	84.3	70.1-142		%REC	1	6/5/02 7:57:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	004-GW053102-MR
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 2:35:00 PM
Lab ID:	0206031-004A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: JTC
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/5/02 8:27:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/5/02 8:27:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/5/02 8:27:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/5/02 8:27:00 PM
Tetrachloroethene	BRL	5.0		µg/L	1	6/5/02 8:27:00 PM
Trichloroethene	BRL	5.0		µg/L	1	6/5/02 8:27:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	6/5/02 8:27:00 PM
Surr: 4-Bromofluorobenzene	120	71.8-143		%REC	1	6/5/02 8:27:00 PM
Surr: Dibromofluoromethane	86.3	80.3-123		%REC	1	6/5/02 8:27:00 PM
Surr: Toluene-d8	83.6	70.1-142		%REC	1	6/5/02 8:27:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	005-GW053102-MR
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 3:00:00 PM
Lab ID:	0206031-005A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: JTC
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/5/02 8:57:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/5/02 8:57:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/5/02 8:57:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/5/02 8:57:00 PM
Tetrachloroethene	BRL	5.0		µg/L	1	6/5/02 8:57:00 PM
Trichloroethene	BRL	5.0		µg/L	1	6/5/02 8:57:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	6/5/02 8:57:00 PM
Surr: 4-Bromofluorobenzene	116	71.8-143		%REC	1	6/5/02 8:57:00 PM
Surr: Dibromofluoromethane	81.2	80.3-123		%REC	1	6/5/02 8:57:00 PM
Surr: Toluene-d8	85.1	70.1-142		%REC	1	6/5/02 8:57:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	006-GW053102-MR
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 3:55:00 PM
Lab ID:	0206031-006A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: JTC
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/6/02 1:52:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/6/02 1:52:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 1:52:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 1:52:00 AM
Tetrachloroethene	BRL	5.0		µg/L	1	6/6/02 1:52:00 AM
Trichloroethene	BRL	5.0		µg/L	1	6/6/02 1:52:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	6/6/02 1:52:00 AM
Surr: 4-Bromofluorobenzene	115	71.8-143		%REC	1	6/6/02 1:52:00 AM
Surr: Dibromofluoromethane	81.7	80.3-123		%REC	1	6/6/02 1:52:00 AM
Surr: Toluene-d8	85.6	70.1-142		%REC	1	6/6/02 1:52:00 AM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	007-GW053102-DJB
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 4:30:00 PM
Lab ID:	0206031-007A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/6/02 2:21:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/6/02 2:21:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 2:21:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 2:21:00 AM
Tetrachloroethene	BRL	5.0		µg/L	1	6/6/02 2:21:00 AM
Trichloroethene	BRL	5.0		µg/L	1	6/6/02 2:21:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	6/6/02 2:21:00 AM
Surr: 4-Bromofluorobenzene	115	71.8-143		%REC	1	6/6/02 2:21:00 AM
Surr: Dibromofluoromethane	86.9	80.3-123		%REC	1	6/6/02 2:21:00 AM
Surr: Toluene-d8	84.5	70.1-142		%REC	1	6/6/02 2:21:00 AM

Qualifiers:

- BRL - Below Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *24-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	008-GW053102-MR
Lab Order:	0206031	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	5/31/02 5:10:00 PM
Lab ID:	0206031-008A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: JTC
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/6/02 2:50:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	1	6/6/02 2:50:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 2:50:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 2:50:00 AM
Tetrachloroethene	BRL	5.0		µg/L	1	6/6/02 2:50:00 AM
Trichloroethene	BRL	5.0		µg/L	1	6/6/02 2:50:00 AM
Vinyl chloride	BRL	2.0		µg/L	1	6/6/02 2:50:00 AM
Surr: 4-Bromofluorobenzene	116	71.8-143		%REC	1	6/6/02 2:50:00 AM
Surr: Dibromofluoromethane	87.6	80.3-123		%REC	1	6/6/02 2:50:00 AM
Surr: Toluene-d8	85.4	70.1-142		%REC	1	6/6/02 2:50:00 AM

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

CRA

CONESTOGA-ROVERS & ASSOCIATES, INC.
1351 Oakbrook Drive Suite 150
Norcross, GA 30093 404-441-0027

CHAIN OF CUSTODY RECORD

SHIPPED TO (Laboratory Name): AES

REFERENCE NUMBER: 14107

PROJECT NAME: [illegible]

SAMPLER'S SIGNATURE: [illegible] PRINTED NAME: [illegible]

SEQ. NO.	DATE	TIME	SAMPLE NUMBER	SAMPLE TYPE	NO. OF CONTAINERS	PARAMETERS									REMARKS
								[illegible]							
	[illegible]	13:25	[illegible] 001	Water	2			X							Standard TAL
	↓	[illegible]	[illegible] 002	↓	2			X							
	↓	[illegible]	[illegible] 003	↓	2			X							
	↓	[illegible]	↓ 004	↓	2			X							Chlorinated [illegible]
	↓	[illegible]	↓ 005	↓	2			X							[illegible]ates:
	↓	[illegible]	[illegible] 006	↓	2			X							PCE, TCE, DCA
	↓	[illegible]	[illegible] 007	↓	2			X							DCE, TCA and
	[illegible]	[illegible]	[illegible] 008	Water	2			X							Vinyl Chloride

TOTAL NUMBER OF CONTAINERS: 16

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
① [illegible]	DATE: [illegible] TIME: [illegible]	②	DATE: TIME:
②	DATE: TIME:	③	DATE: TIME:
③	DATE: TIME:	④	DATE: TIME:

METHOD OF SHIPMENT:

AIR BILL NUMBER:

White - Fully Executed Copy
Yellow - Receiving Laboratory Copy
Pink - Sampler Copy
Goldenrod - Chemist Copy

SAMPLE TEAM: [illegible]

RECEIVED FOR LABORATORY BY:

DATE: TIME:

326

SAMPLE KEY
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
SAMPLES COLLECTED
JUNE 4, 2002

Matrix	*Borehole ID*	*Sample Number*
Water	BH-12	GW-060402-MR-009
Soil	BH-12 (30-32')	S-060402-MR001
Soil	BH-13 (30-32')	S-060402-MR002

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

Rec'd CRA
JUN 24 2002

June 11, 2002

David Brytowski
Conestoga, Rovers, & Associates, Inc.
1351 Oakbrook Drive
Suite 150
Norcross, GA 30093

TEL: (770) 441-0027
FAX (770) 441-2050

RE: Mohawk (Eton)

Order No.: 0206104

Dear David Brytowski:

Analytical Environmental Servs, Inc. received 3 samples on 6/5/02 10:16:00 AM for the analyses presented in the following report.

No problems were encountered during analyses. Additionally, all results for the associated quality control samples were within EPA and/or AES established limits except where noted in the project Case Narrative.
NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water effective 07/01/01-06/30/02.
AIHA Certification number 505 for analysis of Air, Paint Chips, Soil, Dust Wipes effective until 03/01/03.
These results relate only to the items tested.
This report shall not be reproduced except in full and with the permission of the laboratory.

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

Sincerely,

Jason Holloway
Project Manager

Analytical Environmental Services, Inc.

Sample Receipt Checklist

Client CRA

Work Order Number 0206104

Date and Time 6/5/02

Received by M.K.

Checklist completed by Amal Hamzic 6/5/02 (Signature / Date)

Reviewed by JH 6/5/02 (Initials / 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 ✓
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 __	
Container/Temp Blank temperature in compliance?	Yes ✓	No __	

Cooler #1 4.0 oil Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

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

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

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments:

Corrective Action

Analytical Environmental Servs, Inc.

Date: *11-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	SS-060402-MR-01
Lab Order:	0206104	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	6/4/02 1:30:00 PM
Lab ID:	0206104-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **NWH**
1,1,1-Trichloroethane	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
1,1-Dichloroethane	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
1,1-Dichloroethene	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
cis-1,2-Dichloroethene	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
Tetrachloroethene	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
Trichloroethene	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
Vinyl chloride	BRL	3.4		µg/Kg	1	6/5/02 9:00:00 PM
Surr: 4-Bromofluorobenzene	109	58.1-130		%REC	1	6/5/02 9:00:00 PM
Surr: Dibromofluoromethane	92.0	74.4-133		%REC	1	6/5/02 9:00:00 PM
Surr: Toluene-d8	97.2	62.8-135		%REC	1	6/5/02 9:00:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *11-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	SS-060402-MR-02
Lab Order:	0206104	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	6/4/02 6:00:00 PM
Lab ID:	0206104-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **NWH**
1,1,1-Trichloroethane	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
1,1-Dichloroethane	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
1,1-Dichloroethene	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
cis-1,2-Dichloroethene	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
Tetrachloroethene	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
Trichloroethene	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
Vinyl chloride	BRL	3.7		µg/Kg	1	6/5/02 9:34:00 PM
Surr: 4-Bromofluorobenzene	108	58.1-130		%REC	1	6/5/02 9:34:00 PM
Surr: Dibromofluoromethane	94.6	74.4-133		%REC	1	6/5/02 9:34:00 PM
Surr: Toluene-d8	96.7	62.8-135		%REC	1	6/5/02 9:34:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Servs, Inc.

Date: *11-Jun-02*

CLIENT:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	GW-060402-MR-09
Lab Order:	0206104	**Tag Number:**	
Project:	Mohawk (Eton)	**Collection Date:**	6/4/02 6:30:00 PM
Lab ID:	0206104-003A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	1	6/6/02 7:36:00 PM
1,1-Dichloroethane	5.5	5.0		µg/L	1	6/6/02 7:36:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 7:36:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	1	6/6/02 7:36:00 PM
Tetrachloroethene	BRL	5.0		µg/L	1	6/6/02 7:36:00 PM
Trichloroethene	BRL	5.0		µg/L	1	6/6/02 7:36:00 PM
Vinyl chloride	BRL	2.0		µg/L	1	6/6/02 7:36:00 PM
Surr: 4-Bromofluorobenzene	101	71.8-143		%REC	1	6/6/02 7:36:00 PM
Surr: Dibromofluoromethane	107	80.3-123		%REC	1	6/6/02 7:36:00 PM
Surr: Toluene-d8	113	70.1-142		%REC	1	6/6/02 7:36:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

CRA
CONESTOGA-ROVERS & ASSOCIATES, INC.
1351 Oakbrook Drive Suite 150
Norcross, GA 30093 404-441-0027

CHAIN OF CUSTODY RECORD

SHIPPED TO (Laboratory Name): AES

0206104

REFERENCE NUMBER: CRA 14170

PROJECT NAME: MOHAWK - Eton

SAMPLER'S SIGNATURE: _____ PRINTED NAME: MIKE REINHARDT

SEQ. NO.	DATE	TIME	SAMPLE NUMBER	SAMPLE TYPE	NO. OF CONTAINERS	PARAMETERS: VOCs	REMARKS	
	6-4-02	1330	SS-060402-MR-01	Soil	2	X	NORMAL TA	-01
	6-4-02	1800	SS-060402-MR-02	Soil	2	X		-02
	6-4-02	1830	GW-060402-MR-09	AQ	1	X	PCA TCE DCA TCA	-03
							Cis-1,2-DEC	
							DCE Vinyl Chloride	
			TOTAL NUMBER OF CONTAINERS		5			

RELINQUISHED BY: ① _____	DATE: 6-5-02 TIME: 1015	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: HAND DEL IN ICE FILLED COOLER AIR BILL NUMBER: NA

White - Fully Executed Copy
Yellow - Receiving Laboratory Copy
Pink - Sampler Copy
Goldenrod - Chemist Copy

SAMPLE TEAM: MR

RECEIVED FOR LABORATORY BY: M. Karanic

DATE: 6/5/02 TIME: 10:16

3365

1007(FORMS) — DEC 6, 93 — REV.D — (AF-01)

MONITORING WELL SAMPLING
PURGE DATA
MOHAWK INDUSTRIES INC.
ETON, GEORGIA
MAY 21, 2002

Well ID	Volume Purged (gallons)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Tempurature (^{O}C)
OW-1	0.5	5.89	0.197	202	19.7
OW-1	1.0	5.69	0.119	65	18.9
OW-1	1.5	5.75	0.125	801	19
OW-1	2.0	5.69	0.097	1	18.7
OW-1	2.5 (Total)	5.66	0.091	11	18.9
OW-2	0.5	5.62	0.101	282	18.9
OW-2	1.0	5.44	0.069	287	18.5
OW-2	Dry 1.0+ (Total)				
OW-3	<.5	5.15	0.052	162	18.7
OW-3	Dry <.5 (Total)				
OW-4	1.0	4.92	0.050	5	18.3
OW-4	1.5	4.82	0.039	8	17.5
OW-4	2.0	4.75	0.038	-10	17.8
OW-4	3.0 (Total)	4.91	0.039	1	18.4
OW-5	No measurements obtained due to low water level				

Attn: Mallory @ (908)206-1251
From: Denise Wood @ Mohawk Ind.

MONITORING WELL SAMPLING
PURGE DATA
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
MAY 31, 2002

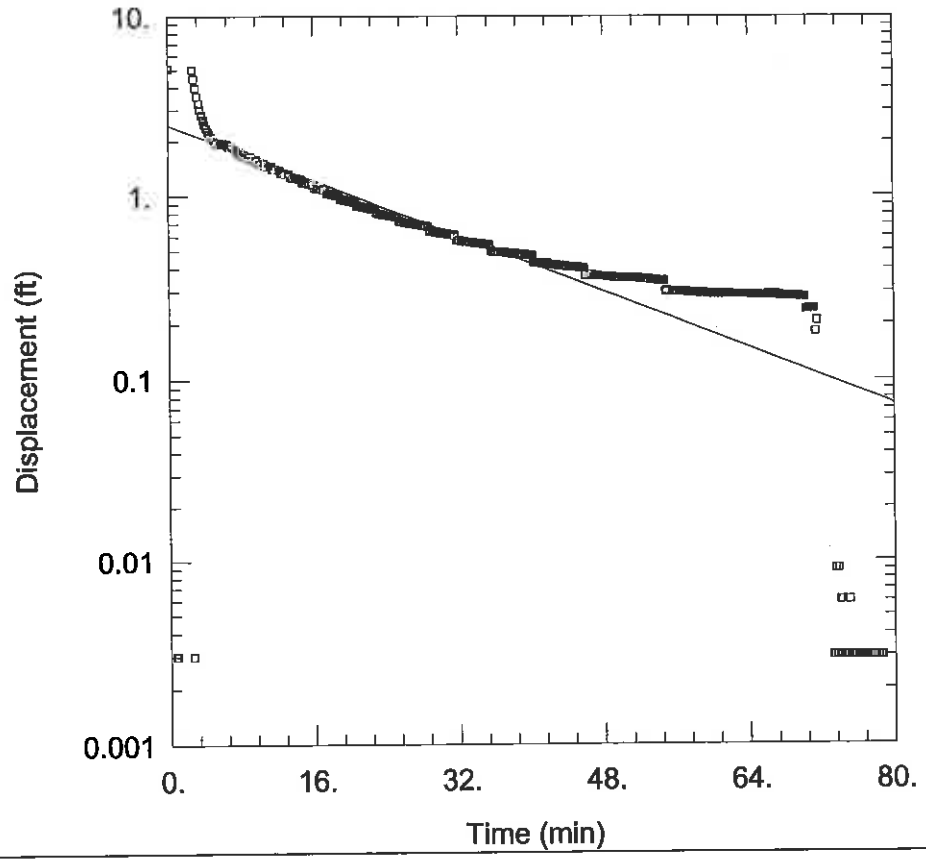
Well ID	*Volume Purged (gallons)*	*pH*	*Conductivity (mS/cm)*	*Turbidity (NTU)*	*Tempurature (^{O}C)*
MWW-1	2.0	4.99	0.032	1	20.6
MWW-1	4.0	5.30	0.040	3	21.3
MWW-1	6.0 (Total)	5.39	0.043	0	20.7
MWW-2	1.0	6.17	0.558	1	21.4
MWW-2	2.0	6.32	0.558	5	21.5
MWW-2	3.0 (Total)	6.34	0.560	5	21.7
MWW-5	1.0	6.45	0.364	>999	19.4
	Dry 1.0 (Total)				
PZ-4	2.0	5.71	0.166	159	20.6
	Dry 2+ (Total)				
TW-9	4.0	5.27	0.631	31	20.1
TW-9	8.0	5.31	0.635	221	19.0
TW-9	12.0 (Total)	5.32	0.638	262	18.7
TW-10	1.5	4.96	0.153	>999	17.4
TW-10	Dry 2.0 (Total)				
TW-11	1.8	6.30	0.129	366	21.0
TW-11	Dry 1.8 (Total)				

APPENDIX E

WELL PURGING DATA

APPENDIX F

SLUG TEST DATA



WELL TEST ANALYSIS

Data Set:
Date: 06/19/02 Time: 13:50:34

PROJECT INFORMATION

Company: Conestoga-Rovers & Associates
Client: Mohawk Industries
Project: 14170
Test Location: Eton, Georgia
Test Well: OW-1
Test Date: May 31, 2002

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

K = 1.366E-05 cm/sec
y0 = 2.438 ft

AQUIFER DATA

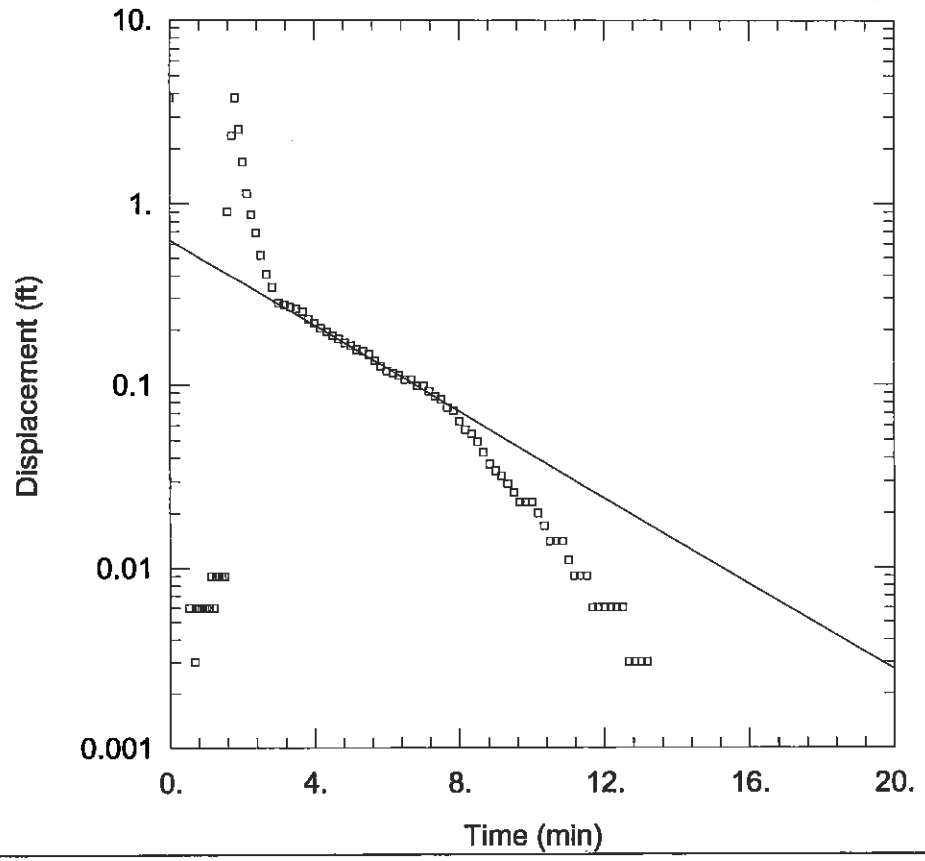
Saturated Thickness: 6. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (OW 1)

Initial Displacement: 5.1 ft
Wellbore Radius: 0.04 ft
Screen Length: 5. ft
Gravel Pack Porosity: 0.3

Casing Radius: 0.04 ft
Well Skin Radius: 0.125 ft
Total Well Penetration Depth: 6. ft



WELL TEST ANALYSIS

Data Set:
Date: 06/19/02 Time: 13:35:43

PROJECT INFORMATION

Company: Conestoga-Rovers & Associates
Client: Mohawk Industries
Project: 14170
Test Location: Eton, Georgia
Test Well: OW-4
Test Date: May 21, 2002

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

K = 8.238E-05 cm/sec
y0 = 0.6291 ft

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (OW 4)

Initial Displacement: 3.8 ft
Wellbore Radius: 0.04 ft
Screen Length: 5. ft
Gravel Pack Porosity: 0.3

Casing Radius: 0.04 ft
Well Skin Radius: 0.125 ft
Total Well Penetration Depth: 5. ft

APPENDIX G

WELL SURVEY SUMMARY

CONESTOGA-ROVERS & ASSOCIATES
1351 Oakbrook Drive, Suite #150
Norcross, Georgia 30093

TELEPHONE: (770) 441-0027
FACSIMILE: (770) 441-2050

MEMORANDUM

TO: File (for use in Appendix III of CAP-Part A)

REF. NO.: 13630

FROM: Steve Woodall SW

DATE: March 30, 1999

RE: **Nearest public and private drinking water sources**

On April 18, 1997, Atlanta Environmental Management, Inc. (AEM) reported in a memorandum to Mohawk Industries on its survey of drinking water sources surrounding the former Diamond Rug and Carpet Mills facility at Eton. That facility is now known as the Mohawk-Aladdin facility. The memo and its maps are included in Appendix III.

Observations by Conestoga-Rovers & Associates (CRA), up to and including observations made on March 30, 1999, support the following modification of source locations on Figure 1 in AEM's April 1997 memo. CRA's Figure 3 (in Appendix I) shows the corrected locations.

attached

The most significant modification has to do with the naming and location of AEM's sources #2 and #3. CRA believes that "James Spring" and "Eton Spring" refer to the same water supply. The Eton Spring is a modern facility that supplies water to the Chatsworth municipal system. James Spring is a name that refers to the person who developed the spring originally, before it became part of a wider distribution system. CRA's Figure 3 shows the actual location of the current facility, which is 3700 and 5000 feet south of the gasoline and used oil USTs, respectively. The City of Eton is provided drinking water by the Chatsworth system.

CRA confirmed that AEM's source #1 (Abern Davenport well at 259 Keith Avenue) was erroneously located at the end of Petty Drive. AEM's Figure 1 shows that well in the middle of a field that spans the entire area between 4 streets. When CRA drove to the end of Petty Drive, we saw no well houses at the homes along Petty Drive, nor one in the field at the end of the street. However, CRA did see what appear to be wellhouses at at least two locations immediately beyond the field on other streets; these are indicated on CRA's Figure 3. On March 30, 1999, CRA spoke to Mr. Abern Davenport at 259 Keith Avenue. He has used a well for domestic purposes for 32 years. "About five years ago" he connected his home onto city water, and now has a dual system. The well still supplies water for bathing, toilet, and laundry. All other homes in the immediate neighborhood are on city water exclusively, according to Mr. Davenport. The Davenport well is 2000 feet WNW of the gasoline UST, and 2400 feet WSW of the used oil UST, slightly closer to the facility than the well which AEM plotted as Source #1.

CRA has discovered a private drinking water well 1240 and 1560 feet north of the used oil and gasoline USTs, respectively, at the home of Darrell and Helen Whaley (4374 Highway 411 North). Mrs. Whaley told CRA on March 30, 1999 that the well is the sole source for the home and is approximately 200 feet deep. She also said that the Whaley's opted not to connect to city water, although a line does run nearby. CRA observed a wellhouse at a home 4618 Highway 411 North. Both wells are within 0.5 miles of the facility, but, being north, are believed to be upgradient of releases at both USTs.

The nearest public well or spring in any side- or downgradient direction is Eton Spring. Because flow direction has not been well defined by the monitoring well data collected thus far at the facility, CRA is identifying the Davenport well as the nearest downgradient private well. CRA does not, however, believe that the migration path for the release from the used oil UST is other than east-southeast, and that the migration path for the release from the gasoline UST is somewhere between east-southeast and south.

AEM Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services

13630
J.S.
From D. Wood @ Mohawk

MEMORANDUM

TO: Carl Weatherington, Mohawk Industries, Inc.

FROM: Michael Dickinson, Atlanta Environmental Management, Inc.

DATE: April 18, 1997

RE: Well Survey in Eton, Georgia, for the Area Surrounding Diamond Rug and Carpet Mills, Inc.

A well survey was conducted for the Diamond Rug and Carpet Mills, Inc. (Diamond) property in Eton, Georgia, in response to the Georgia Underground Storage Tank (UST) Regulations and for the purpose of HSRA notification. Emphasis was placed on the properties within a one-half-mile radius of the Diamond plant because of their enhanced significance with regard to HSRA scoring. With regard to Georgia UST regulations, emphasis was placed on identifying any private wells within a one-half-mile radius and public water supplies within a 2-mile radius.

The survey consisted of a thorough area reconnaissance, interviews with property owners (or tenants) and their neighbors, and a review of available documents. The documents reviewed included Geology and Ground-water Resources of Gordon, Whitfield, and Murray Counties, Georgia. This publication, from 1974, by the Earth and Water Division of the Geological Survey of Georgia, contained a previous well survey performed by the Environmental Protection Division (EPD). Also reviewed was the list of well owners who have their wells periodically tested by the Murray County Health Department.

Mrs. Paulette Walker, of the City of Chatsworth Water Works, stated that the City of Eton purchases its water from their water works system. She said the City of Chatsworth obtains its water from Carters Lake and from three Springs: O'Neill Spring, Eton Spring, and Nix Spring. No other wells are owned or used by the city of Chatsworth. Two of the three springs are noted on the attached map. Nix Spring is on Fort Mountain, approximately 5.5 miles southeast of the site.

0- to ½-Mile Radius

One private well was identified within a one-half-mile radius of the Diamond property. The well owner, Mr. Abern Davenport, said he has been using the well for drinking water for approximately 25 years. The well appears to be upgradient from the site.

The Environmental Centre
2580 Northeast Expressway • Atlanta, Georgia 30345
Telephone: (404) 329-9006 • Fax (404) 329-2057

½- to 1-Mile Radius

Two springs were identified in the radius between one-half and 1 mile from the subject site. One of the two springs identified is Eton Spring, a public water source for the City of Chatsworth Water Department.

1- to 2-Mile Radius

Four private wells and one public spring were identified in the radius between 1 and 2 miles from the subject site. Three of the four wells identified are used for drinking water. The other well, owned by Mrs. McCamy, is not used for drinking but for gardening. The public spring is identified as O'Neill Spring, a water source for the City of Chatsworth Water Department.

Other Public Water Sources Beyond 2-mile Radius

Nix Spring was identified as a public water source beyond 2 miles from the subject site. This spring is on Fort Mountain, approximately 5.5 miles southeast of the site, and is used to supply the City of Chatsworth Water Department.

Following is a map showing the location of each of these wells. Also included is a key explaining the details of each well's use, distance from the subject site, topographical relation, etc. Also shown in the map are the springs used as public water sources.

KEY

Well #

0- to ½-Mile Radius

1) Person interviewed: Abern Davenport, owner
Location: 259 Kieth Avenue
Use: Mr. Davenport verified that he used the well for drinking water.
Distance from site: approximately 2,000 feet due west
Topographical relation to site: apparently upgradient

½- to 1-Mile Radius

2) Eton Spring, public water source
Distance from site: approximately 0.8 miles southwest
Topographical relation to site: apparently side gradient

3) James Spring
Use: Spring is not used
Distance from site: approximately 0.85 miles southeast
Topographical relation to site: apparently downgradient

1- to 2-Mile Radius

4) Person interviewed: Mr. Clyde Holcomb, owner
Location: 133 Loughridge Road
Use: Mr. Holcomb verified he used the well for drinking water.
Distance from site: approximately 1.1 miles northeast
Topographical relation to site: apparently upgradient

5) Person interviewed: Mr. Bruce Colter, owner
Location: 1477 Walker Road
Use: Mr. Colter verified he used the well for drinking water.
Distance from site: approximately 1.1 miles northwest
Topographical relation to site: apparently upgradient

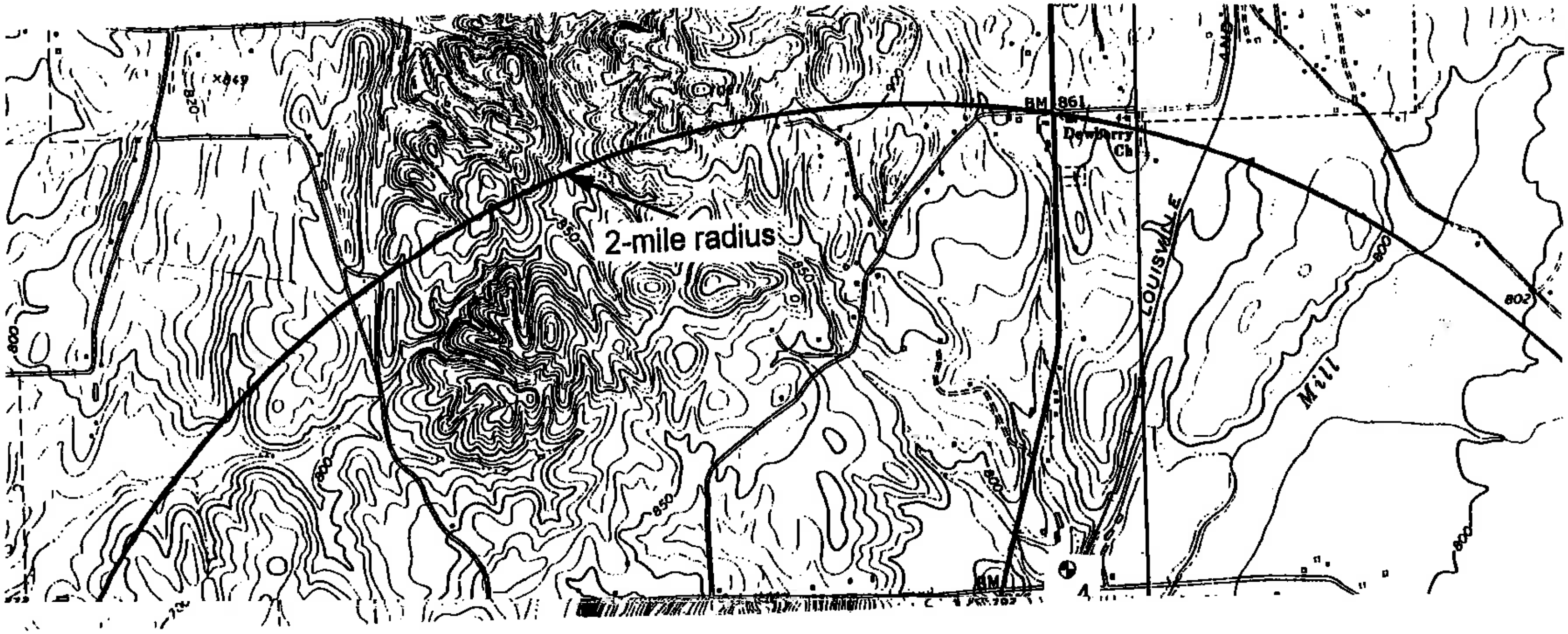
6) Person interviewed: Mrs. Virginia Summey, owner
Location: 1430 Highway 286
Use: Mrs. Summey verified she used the well for drinking water.
Distance from site: approximately 1.5 miles southwest
Topographical relation to site: apparently sidegradient

7) Person interviewed: Mrs. McCamy, owner
Location: 984 Red Cut Road
Use: Mrs. McCamy said the well is used for gardening; the well is not used for drinking.
Distance from site: approximately 1.25 miles northeast
Topographical relation to site: apparently upgradient

8) O'Neill Spring, public water source
Distance from site: approximately 1.2 miles southwest
Topographical relation to site: apparently side gradient

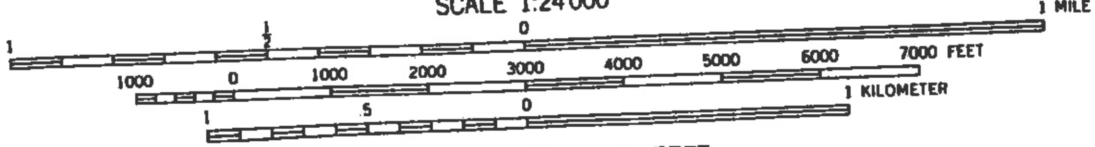
Other Public Water Sources Beyond 2-Mile Radius

9) Nix Spring, public water source (not shown on map)
Distance from site: approximately 5.5 miles southeast
Topographical relation to site: not hydrogeologically related because of an intervening ridge.

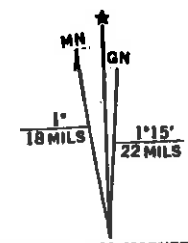


From: USGS Chatsworth, Georgia (1985) 7.5-Minute Quadrangle Map

SCALE 1:24 000



CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL



UTM GRID AND 1985 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

DIAMOND CARPET MILL
ETON, GEORGIA

Date: March 1997

Atlanta Environmental Management, Inc.
2580 Northeast Expressway
Atlanta, Georgia 30345

FIGURE 1

WELL SURVEY AREA LOCATION

R262.ldq

CONESTOGA-ROVERS
& ASSOCIATES

1351 Oakbrook Drive, Suite 150, Norcross, GA 30093
Telephone: 770.441.0027 Facsimile: 770.441.2050
www.CRAworld.com

December 5, 2002 Reference No. 14170

Bijan Rahbar
Georgia Environmental Protection Division
Georgia Geological Survey, UIC Program
Floyd Towers East
205 Jesse Hill Drive SE
Atlanta, Georgia 30334

Dear Mr. Rahbar:

Re: Class V Underground Injection Pilot Test Injection Notification
Mohawk Industries Eton Facility
Eton, Murray County, Georgia
HSI Site No. 10534

On the behalf of Mohawk Industries, Inc., Conestoga-Rovers & Associates (CRA) is providing this notification of an underground injection pilot test at the Diamond Rug and Carpet facility, now Mohawk Industries, in Eton, Murray County, Georgia (Site or Property). This pilot test is being conducted to evaluate the effectiveness of chemical injection of potassium permanganate as a method of corrective action for remediation of tetrachloroethene (a.k.a. perchloroethene or PCE) detected in the shallow soil and groundwater zone (not an underground source of drinking water). A Site location map is included as Figure 1. A "Pilot Test Injection Well Notification Form" is attached.

BACKGROUND

The Mohawk Industries facility is a carpet manufacturing facility located at the northeast corner of US Highway 411 and Eton Industrial Drive, just north of the Eton city limit. The facility became listed on the Hazardous Sites Inventory (HSI) because of a detected release of tetrachloroethene (i.e., perchloroethene [PCE]) in groundwater at levels exceeding the reportable quantity. The detected release was found during a Phase II Environmental Assessment of the Property in 1997. PCE was detected in two groundwater samples, with concentrations of 310 ug/L and 29 ug/L. Other regulated substances (possible PCE degradation products and/or co-contaminants of the virgin PCE) detected in groundwater samples were trichloroethene (TCE), 1,1-dichloroethane (DCA), *cis*-1,2-dichloroethene (DCE), and 1,1,1-trichloroethane (TCA). PCE and TCE were also identified in on-Site soil samples, however, at concentrations below Notification Concentrations for soil.

Based on the detection of PCE, an Initial Release Notification under the Hazardous Site Response Act (HSRA) was prepared and the property owner notified Georgia EPD's HSRA Program of the release of chlorinated solvents to groundwater. On June 31, 2001, EPD issued a call-in letter to Mohawk Industries, Inc. requesting the preparation and submittal of a CSR.

CRA performed a CSR investigation in June 2002. Based on the CSR performed by CRA and the data collected during the previous ESA, the following conclusions were drawn:

1. Ten of the 12 soil samples collected by CRA in 2002 were reported as non-detect for VOCs. Only two shallow soil samples, both from 2 feet below grade, had detections of PCE; BH-1 at 5,190 µg/kg, and BH-5 at 560 µg/kg. The sample from BH-5 also had reported concentrations of 1,1-DCE at 10.3 µg/kg, and cis-1,2 DCE at 5.3 µg/kg. One of the soil samples collected in 1997 at a depth of 4 to 6 feet below grade had a detected concentration of PCE at 10 µg /kg and TCE at 11 µg /kg. The sample from the 2-foot interval of BH-1 exceeds the Type 1, 3, and 4 Risk Reduction Standards (RRS) for PCE only.

2. Twelve of 23 separate groundwater sampling locations had no detectable VOC analytes. However, sampling results from the remaining 11 wells show that the Site does not comply with Type 1 or Type 3 RRSs for groundwater. Detections of PCE ranged from 6 µg/L to 98 µg/L in monitoring wells OW-1, OW-2, OW-4, and MWW-1. Samples collected from OW-1 and OW-2 also exceeded RRSs for 1,1-dichloroethene. The groundwater sample from TW-8 (now abandoned) in 1997 had a detected PCE concentration of 310 µg/L.

3. Based on the collective data, the soils at the Site appear to have the greatest impact from PCE and its related degradation products in the shallow soil horizon near the central portion of the Site. The greatest impact to groundwater at the Site appears to also be in the central-portion of the Site (see Figure 2), near the suspected sources (former dye sump and gravel drain field, and septic system #5).

Mohawk Industries has had conversations with Ms. Alexandra Cleary of the EPD Hazardous Sites Response Program, the Unit Coordinator for the Site, regarding their wish to conduct voluntary remediation of the soil and groundwater using in-situ chemical injection. Ms. Cleary has verbally given approval for this pilot test to be conducted.

PILOT TEST PROCEDURE

The pilot test will consist of injecting potassium permanganate into the shallow groundwater to oxidize the PCE. The process will involve permeating the contaminated zone with potassium permanganate (a chemical oxidant) to induce oxidation-reduction (redox) reactions resulting in the complete destruction of PCE in both soil and groundwater (residuals are carbon dioxide, manganese, and water). None of these process residuals require handling or disposal. Also, there is no physical disruption or handling of contaminated soils.

The UIC Class V Pilot Test Wells (UIC-PTW) will be temporary, in that the fluid will be pressure-injected into soil borings by direct push technology (DPT; i.e., Geoprobe®) with a mobile rig. The chemical injectant will be introduced through the interior of the DPT rod, not

through wells, and does not require fixed engineered systems (utilities, piping, system equipment, etc.). It is anticipated that twenty-five injection points will be used (see Figure 2); each injection point will have an estimated effective treatment radius of 20 feet. Approximately 100 gallons of permanganate will be injected at each of the nine points (total volume about 900 gallons), from 20 to 30 feet depth. Shallow soils (upper 10 feet) in the vicinity of the suspected sources (former dye sump and gravel drain field) will also be treated.

The pilot test injection will be completed within a five-day period. Existing monitoring wells from the environmental investigations at the Property will be sampled within six weeks of injection to track the injection and determine the effectiveness of the remedial approach. Groundwater samples will be collected from the monitoring wells and analyzed for PCE and related degradation products. In addition, two samples will be analyzed for the following:

- major ions (sodium, potassium, calcium, magnesium, manganese, iron, nitrate, sulfate, and chloride);
- alkalinity; and,
- field parameters (temperature, pH, specific conductivity, DO, ORP).

These additional parameters will serve as indicators of the impact of the injected fluid.

CHEMICAL ANALYSIS

A Material Safety Data Sheet for potassium permanganate is attached. A 5% solution of potassium permanganate, consisting of potassium permanganate and potable water (no additives or additional constituents) will be used.

GEOLOGY AND HYDROGEOLOGY

Eton, Georgia lies within the Valley and Ridge Province, just to the west of the boundary (Cartersville Fault) of the Piedmont Province. Bedrock in the area of the Valley and Ridge Province consists of marine and non-marine sedimentary rocks of early Cambrian to Carboniferous age. Depth to bedrock within the region is reported to occur at approximately 40 feet. Shallow groundwater flow in the region generally takes place under water-table conditions within the sediments above bedrock. Groundwater flow typically mimics topography.

Local, shallow stratigraphy consists of undifferentiated silts and clays of weathered limestone and possibly shales related to the upper Cambrian age Knox Group Undifferentiated or Conasauga Group Undivided formations. Shallow groundwater flow at the Property occurs under water table conditions within the sediments above bedrock and typically follows the

topographic gradients toward the floodplain of Mill Creek. Mill Creek is immediately east of the Site and flows in a southerly direction in the immediate area.

In general, Site soils consist of fill material overlying native residuum in the eastern and southern portions of the Site. No bedrock was encountered at the Site; the maximum borehole depth is 44 feet below grade.

Groundwater, under water table conditions, occurs in the upper residual soils that consist predominantly of clays. The water table beneath the Site lies at depths ranging from approximately 15 to 36 ft below grade with an apparent groundwater flow direction to the south and southeast, which is consistent with the local surrounding topography. Based on two results of two slug tests performed on Site, average hydraulic conductivity of the residual soils is approximately 4.8×10^{-5} cm/second

The nearest public and downgradient water supply is Eton Spring which is approximately 4750 feet from the Site. Eton Spring is a modern facility that supplies water to the Chatsworth municipal system. The City of Eton receives its water from the Chatsworth system. Eton Spring, also known as James Spring, is the nearest well (either public or private) or spring downgradient of the Site.

The nearest private well is approximately 1200 feet north/northwest of the Site, however it is located hydraulically upgradient of the Site. The well is reported as belonging to the Waley's residence located at 4374 Highway 411 North, Eton, Georgia. The well is approximately 200 feet deep and was reported as being used for drinking water in 1999.

PREVIOUS EXPERIENCE

CRA has previously conducted chemical injection for soil and groundwater remediation at other locations with considerable success. Brief summaries of some of these projects follow:

- Greenville, Texas - trichloroethene (TCE) groundwater plume in saturated fractured clay overlying an impermeable claystone. CRA injected a 2% potassium permanganate ($KMnO_4$) solution in about 200 holes, each 0-30 feet, injecting at 5 foot depth increments. Two rounds of injection reduced the TCE concentration from 60,000 µg/L to non-detect.
- Corpus Christi, Texas - TCE in perched, isolated saturated zone within silty sand and clay, underwent two phases of $KMnO_4$ injection reducing concentrations to non-detect.
- Falconer, New York; CRA used $KMnO_4$ to reduce a TCE groundwater plume.
- Manufacturing site in Highland, Michigan; injected $KMnO_4$ to remediate groundwater.
- Kokomo, Indiana automotive parts facility - soil treatment with $KMnO_4$ for TCE was very successful as design/build with a $2,000,000 to $2,500,000 final cost.
- Crystal Lake, Illinois - $KMnO_4$ injection with soil vapor extraction to remediate TCE in soil and groundwater at industrial facility.

- Ypsilanti, Michigan - former automobile assembly plant; $KMnO_4$ injection to treat groundwater to remediate VOCs.
- Michigan landfill site, former quarry - lab and field treatibility studies conducted for chemical injection to remediate VOCs and SVOCs in groundwater, full $KMnO_4$ injection program scheduled.
- HSI Site 10591 - automobile repair facility; $KMnO_4$ injection to treat groundwater to remediate chlorinated solvents and benzene.
- HSI Site 10710 - full $KMnO_4$ injection program being conducted to remediate PCE.

Mohawk Industries would like to begin chemical injection at the earliest possible date. We have tentatively, subject to your approval, scheduled chemical injection to begin in the week of December 16, 2002.

Please contact us if you require further information or clarification at (770) 441-0027.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Thomas A. Lawrence, P.G.

TAL/kt/01

cc: Denise Wood, Mohawk Industries
Alexandra Cleary, Georgia EPD

Attachment A
EPD-UIC-003
Revision 1

Underground Injection Control Program
Pilot Test Injection Well Notification Form

		FACILITY:	OPERATOR:
1.0	Address		
1.1	Name	Mohawk Eton Facililty	Mohawk Industries, Inc.
1.2	Street Address	US 411 and Eton Industrial	1215 Riverbend Road
1.3	City, State	Eton, Georgia	Dalton, Georgia
1.4	ZIP CODE	30724	30722
1.5	Telephone Num.	706 695-9611	706 272-9629

2.0 LOCATION: Latitude: 30° 50' 01" N
Longitude: 84° 45' 33" W

3.0 What is the contaminant in the Ground Water? Tetrachloroethene

4.0 Georgia Licensed Water Well Contractor or Bonded Driller: Carolina Probe & Injection

5.0 Professional Engineer or Geologist: Thomas A. Lawrence, PG 1385

6.0 Well Data Table

	Injection Wells	Monitoring Wells
6.1 Number Wells	10	7
6.2 Well Depth(s)	30 ft	30-35 ft
6.3 Well Diameter	NA	1 - 2 inches
6.4 Air volume in/out	100 gallons	NA
6.5 Sampling freq.	NA	2

7.0 Responsible EPD Associate for site: Alexandra Cleary

8.0 Date injection started: _____

8.1 Date* injection stopped: _____

8.2 Reason Injection Stopped? _____

8.3 Date these injection wells were logged in to the UIC Class V Well inventory and file: _____

9.0 UIC Class V Well Inventory Number: _____

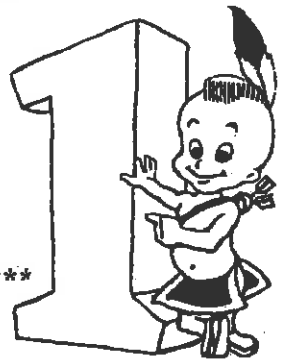
10.0 UST/HWMB CAP tracking number: _____

11.0 Pending UIC Class V Permit Number: _____

*Note: This air sparging pilot test well form is only valid for 90 days from the start of injection of the test well injection.

**Submit this form to:
Georgia Geologic Survey, UIC Program, 19 M.L.King, Jr. Dr., SW., Atlanta, Georgia, 30334

MOHAWK
INDUSTRIES INC.



FAX MEMO

****

To: Thom Lawrence
Company: CRA
FAX #: (770) 441-2050
From: Denise A. Wood, CHMM - Environmental Coordinator
FAX: (706) 428-8120 Phone: (706) 428-8118
Date: 9-10-04
Subject: Eton CSR for HSI Site 10534
# of Pages: 5, including this one

****

Thom -

Please review the letter from Alex Cleary re: Eton's HSI/CSR and let me know what you think. I'll send you an e-mail letting you know to look for this FAX. Thanks,

Denise

Georgia Department of Natural Resources

2 Martin Luther King, Jr. Drive, SE, Suite 1462 East, Atlanta, Georgia 30334
Lonice C. Barrett, Commissioner
Environmental Protection Division
Carol A. Couch, Ph.D., Director
Hazardous Waste Management Branch
404/657-8600

February 6, 2004

CERTIFIED MAIL
Return Receipt Requested

Mohawk Industries, Inc.
Attn: Ms. Denise Wood, Environmental Coordinator
Post Office Box 12069
Calhoun, Georgia 30703

Re: **Notice of Deficiency**
Diamond Rug and Carpet Mills-Eton Plant
HSI Site 10534
Eton, Murray County, Georgia

Dear Ms. Wood:

The Georgia Environmental Protection Division (EPD) has completed its review of the Compliance Status Report (CSR) dated July 2002. The CSR has been evaluated with respect to the Rules for Hazardous Site Response (Rules) and the following deficiencies were noted (citations provided in brackets):

Source Areas

1. Section 2.4 of the CSR references the *1997 Atlanta Environmental Management (AEM) Phase I and Phase II Environmental Assessment Report* (AEM Report) for a description of the dye sump and drain fields. The referenced section also notes the removal of portions of the dye sump and related systems. [§391-3-19-.06(3)(b)(1)]

    - Please provide information regarding the construction of the dye sump system including depths and locations of piping, tanks, etc.;
    - Please provide information regarding the area excavated including dimensions and location in relation to sampling locations;
    - Please indicate whether any sample locations were excavated; and
    - Please provide the analytical results of any soil confirmation data collected.

2. Section 2.3 of the CSR discusses the detection of benzene above its drinking water standard in groundwater at monitoring well TW-4 and selenium above its drinking water standard at monitoring wells TW-2, TW-3 and TW-11 in areas not associated with the dye sump area. Please resample these monitoring wells for these regulated substances to demonstrate there has not been a release at these locations. If the sampling results confirm a release, the release will require investigation and delineation to background concentrations as required by the Rules. [§391-3-19-.06(3)(b)]

Releases in Soil

3. The highest concentrations of volatile organic compounds (VOCs) in soil were detected at samples BH-1 and BH-5 at 2' below ground surface (bgs). The AEM Report also states excess dye may have been discharged to the open ground outside the welding shop. Please collect an appropriate number of soil samples at 0-2 feet and 2-4 feet in the immediate vicinity of the former dye sump and its associated drain field to complete the horizontal delineation of contamination to non-detect concentrations. At a minimum, samples should be obtained to the west and north of BH-1 and north, east and south of BH-5. These samples should be analyzed for VOCs. [§391-3-19-.06(3)(b)(2)]

4. For each location where VOCs are detected in soil, please collect soil samples at these locations at depths that are above the groundwater table to determine the vertical extent of contamination in soil. [§391-3-19-.06(3)(b)(2)] Please note that according to Table 1 and Table 2 of the CSR and the cross sections depicted in Figures 11 and 12, samples BH-1 (21' bgs), BH-2 (17' bgs), and BH-12 (31 to 32' bgs) and BH-13 (31-32' bgs) were collected below the water table. As soil is defined above the groundwater table, the aforementioned samples are not representative of soil samples.

5. Figure 4 provides the location of all sampling points by sample number as required by §391-3-19-.06(3)(b)(2)(iii) of the Rules. For ease of review in future figures, please add isoconcentration lines through sample locations with concentrations at non-detect to demonstrate delineation to background concentrations.

Releases in Groundwater

The CSR failed to provide a complete definition of horizontal and vertical extent of groundwater contamination to background concentrations. [§391- 3-19-.06(3)(b)(3)]

6. Section 4.2 of the CSR states the vertical and horizontal extent of VOC contamination have been defined based on non-detect data collected from the following sample locations: BH-4, BH-9, BH-10, BH-11, OW-3, OW-5, MWW-2, MWW-5, PZ-4, TW-9, TW-10, and TW-11. Please note, borehole samples cannot be used to delineate the horizontal extent of contamination. To complete the horizontal extent of VOC contamination to non-detect concentrations in groundwater, please install monitoring wells in the following locations: west of the former dye sump, south of well BH-7/OW-2, and east of OW-4.

7. To complete delineation of the vertical extent of contamination in the source area to non-detect concentrations, please install a deep well in the area bounded by sample location BH-3, BH-1/OW-1 and BH-2.

8. For future sampling events at the site, please note that the Region IV Environmental Protection Agency, Standard Operating Procedures, discourages groundwater purging and sampling using a bailer and recommends monitoring wells be purged of a minimum of three well volumes prior to sampling. Additionally, each well volume is subject to field analysis (temperature, pH, conductivity, etc.) to ensure the groundwater sample is stabilized to naturally occurring conditions prior to collecting the sample.

9. According to your potentiometric surface map, groundwater gradient ranges from approximately 25% to 2%; however, the CSR states a range of 10% to 3%. Please verify your measurements and provide a copy of your measurement procedures. Additionally, please mark measurement locations directly on a potentiometric map.

10. For future modeling or other calculations using groundwater flow velocity, please note that calculations would be more conservative using the steeper groundwater gradient value (10%) instead of using an average gradient value.

11. For slug test calculations, please list all input field measurements for water levels and time.

12. While each well's surface reference point and top-of-casing were provided in Table 5, Table 6, and the boring logs, this information should be added to a map (minimum scale = 200' per inch or less) depicting all monitoring well locations. [§391-3-19-.06(3)(b)(3)(v)(I)]

13. A map (minimum scale = 200' per inch or less) depicting the horizontal extent of contamination is required pursuant to Section 391-3-19-.06(3)(b)(3)(viii) of the Rules. For ease of review, please provide isoconcentration lines at non-detect sample locations on Figure 6 to show the horizontal delineation of groundwater contamination to background concentrations.

Risk Reduction Standards

14. Please provide a brief description and/or table describing Types 1, 3 and 4 of the risk reduction standards (RRS) developed for this CSR. Although certain calculated RRS appear to be correct, the assumptions behind the RRS are needed to verify whether the values are appropriate.

15. Please also provide the equations and input variables (toxicity values, exposure assumptions, volatilization factor, etc.) for each of the RRS; this can also be provided in tabular form. This is important for proper evaluation of the RRS, due to the recent update of toxicity values. Input values and equations need to be provided for all constituents in Table 7.

16. Pease include leachate laboratory test from the soil sample exhibiting the highest volatile contamination; or please include a discussion and calculation of a leachate model for the soil sample exhibiting the highest volatile contamination. [§391-3-19-.07(9)(d)(1)]

Additional Comments

17. While a description of the property is provided in Section 2.0 of the CSR and a chain of title in Attachment D of the AEM Report, the CSR fails to provide a legal description of the property as well as the property owner's name, address, and telephone number. [§391-3-19-.06(3)(b)(5)]

18. The name, address, and telephone number was not provided for the former owner/operator, Diamond Rug and Carpet Mills. [§391-3-19-.06(3)(b)(6)]

19. The public notice run in the local newspaper did not denote a location where the report may be reviewed and copied. Please include that information in future public participation documents. [§391-3-19-.06(5)(a)(5)]

20. Please submit a copy of the notice that was provided to Murray County within seven days of submitting a CSR providing the same information required in Rule 391-3-19-.06(5)(a). [§391-3-19-.06(5)(e)]

21. Please note that the analytical data for Sample BH-4 is incorrectly labeled as BH-3 on Figure 11. Please revise in future figures.

Mohawk Industries, Inc. certified pursuant to Section 391-3-19-.06(4)(c) that groundwater at the site is not in compliance with any of the risk reduction standards of Rule 391-3-19-.07. Based on correspondence submitted to EPD dated December 5, 2002, an underground injection pilot test was proposed for the site to evaluate the effectiveness of the chemical injection of potassium permanganate as a method of corrective action for remediation of VOCs in groundwater and soil.

By no later than April 15, 2004, please provide the following items to this office:

- Results of the pilot test, and its recommendation regarding the effectiveness of the chemical injection of potassium permanganate as a method of corrective action;
- Report describing the corrective measures conducted at the site since the pilot test was conducted including all pertinent information such as analytical results, location of wells included in the monitoring well network, and a milestone schedule to outline notable aspects of the corrective action including the submittal of interim reports to demonstrate progress towards appropriate cleanup standards; and
- Response to this Notice of Deficiency that addresses the comments listed above.

If you have any questions regarding this matter, please contact Ms. Antonia Beavers at 404/ 657-8600.

Sincerely,

Alexandra Y Cleary

Alexandra Y. Cleary
Unit Coordinator
Hazardous Sites Response Program

c: Rob Williamson, Diamond Rug and Carpet Mills

File: HSI Site 10534
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April 14, 2004 Reference No. 14170

Ms. Alexandra Y. Cleary
Environmental Protection Division
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Dear Ms. Cleary:

Re: Response to Notice of Deficiency Letter on
Compliance Status Report for
HSI Site No. 10534
Mohawk Industries, Inc. - Eton Plant

Conestoga-Rovers & Associates (CRA) has reviewed your Notice of Deficiency (NOD) letter of February 6, 2004, to Ms. Denise Wood with Mohawk Industries, Inc. regarding the July 2002 Compliance Status Report (CSR) for the Mohawk Industries, Inc., Eton, Murray County, Georgia facility (Site). On behalf of Mohawk Industries, CRA has prepared responses to the specific comments of the letter, as follows:

Comment 1:
Section 2.4 of the CSR references the 1987 Atlanta Environmental Management (AEM) Phase I and Phase II Environmental Assessment Report (AEM Report) for a description of the dye sump and drain fields. The referenced section also notes the removal of portions of the dye sump and related systems. [§391-3-19-.06(3)(b)(1)]

- *Please provide information regarding the construction of the dye sump system including depths and locations of piping, tanks, etc.;*
- *Please provide information regarding the area excavated including dimensions and location in relation to sampling locations;*
- *Please indicate whether any sample locations were excavated; and*
- *Please provide the analytical results of any soil confirmation data collected.*

Response to Comment 1:
Unfortunately, specific information regarding construction and closure is not available. According to the Mohawk Eton Plant manager, the sump was a concrete pit with a grate above it, with a pipe discharge coming from the dye lab. Well before Mohawk bought the facility from Diamond Rug and Carpets, the sump was closed and filled with soil. After Mohawk purchased the plant, the associated piping was removed. Soil sampling was not conducted as part of the closure. Employees involved with these activities are no longer employed at the Mohawk plant.

Comment 2:
Section 2.3 of the CSR discusses the detection of benzene above its drinking water standard in groundwater at monitoring well TW-4 and selenium above its drinking water standard at monitoring wells TW-2, TW-3 and TW-11 in areas not associated with the dye sump area. Please resample these monitoring wells for these regulated substances to demonstrate there has not been a release at these locations. If sampling results confirm a release, the release will require investigation and delineation to background concentrations as required by the Rules. [§391-3-19-.06(3)(b)]

Response to Comment 2:
The benzene detection of 9 µg/L in TW-4 cannot be confirmed. The well was temporary, and no longer exists. The benzene detection was deemed in the AEM Report as not representative of materials stored and used in the vicinity of the sample location (septic system #3 and the air compressor room). For that reason alone, AEM suggested that the benzene might not be related to petroleum. However, based on the benzene detections in two other wells (TW-1 and TW-5), which subsequently came under the oversight of the Underground Storage Tank Management Program, the detected benzene (assuming it was not a laboratory artifact) in TW-4 has a much higher probability of also being related to petroleum products. It is known that there was a gasoline underground storage tank (now closed) used at the Mohawk plant; it is not known that the plant used a benzene product in its processes.

The AEM Report stated that the detected selenium was representative of background for the Valley and Ridge Province. Selenium is a naturally occurring substance commonly found in sedimentary rocks of Carboniferous to Cretaceous age, as found in the Valley and Ridge. Selenium is not often found in its pure form, but is usually combined with other substances. Much of the selenium in rocks is combined with sulfide minerals. When the rocks weather to soils, the selenium combines with oxygen to form several substances, the most common of which are sodium selenite and sodium selenate. Selenium can also adsorb onto organic material, as well as iron and manganese oxides present in soil. Selenium is used in electronics, photocopy operations, the manufacture of glass, chemicals, drugs, and as a fungicide and a feed additive.

The selenium detected in the wells TW-2, TW-3, and TW-11 is likely either a sampling artifact or a laboratory interference product. Monitoring wells that are poorly developed and sampled by bailer typically have a high turbidity, which can bias high any detections of background metals adsorbed to the soil particles. It should be also noted that TW-11 is located on the north side of the Site, upgradient of most facility processes, and would be more representative of background conditions. Also, when unfiltered samples for dissolved metals analyses are acidified in the field but (consistent with CLP specifications) are not digested prior to analysis, naturally-

occurring organic compounds present in the undigested sample can interfere with analyses by Trace ICP.

Comment 3:
The highest concentrations of volatile organic compounds (VOCs) in soil were detected at samples BH-1 and BH-5 at 2' below ground surface (bgs). The AEM Report also states excess dye may have been discharged to the open ground outside the welding shop. Please collect an appropriate number of soil samples at 0-2 feet and 2-4 feet in the immediate vicinity of the former dye sump and its associated drain field to complete the horizontal delineation of contamination to non-detect concentrations. At a minimum, samples should be obtained to the west and north of BH-1 and north, east and south of BH-5. These samples should be analyzed for VOCs. [§391-3-19-.06(3)(b)(2)]

Response to Comment 3:
The soil sampling originally performed by AEM in the vicinity of the welding shop (WS-1 and WS-2), west of BH-1, was reportedly located near two surface stains. This sampling, documented in the AEM Report, did not detect any VOCs. The two dye discharge (DD) samples documented in the same report reported a low (10 µg/kg) detection of PCE at 4-6 ft below grade.

Because PCE is more dense than water, when a release to the ground or subsurface occurs, PCE migrates downward through soil by the force of gravity. As it progresses downward through the unsaturated zone, it leaves behind residual liquid droplets that get trapped in the pore spaces by interfacial (surface) tension effects. The release location can also be inferred through the presence of the aqueous-phase (dissolved) contamination. Typically, shallow impacted soil at the original spill/release location(s) will appear like a "bull's eye" directly over the greatest concentrations of PCE in groundwater. The configuration of the aqueous plume on Site suggests that this location is in the vicinity of the gravel drain field on the east side of the old dye sump.

Comment 4:
For each location where VOCs are detected in soil, please collect soil samples at these locations at depths that are above the groundwater table to determine the vertical extent of contaminants in soil . [§391-3-19-.06(3)(b)(2)] Please note that according to Table 1 and Table 2 of the CSR and the cross sections depicted in Figures 11 and 12, samples BH-1 (21' bgs), BH-2 (17' bgs), and BH-12 (31 to 32' bgs) and BH-13 (31-32' bgs) were collected below the water table. As soil is defined above the groundwater table, the aforementioned samples are not representative of soil samples.

Response to Comment 4:
Noted. Please see following section on Interim Remedial Measures.

Comment 5:
Figure 4 provides the location of all sampling points by sample number as required by §391-3-19-.06(3)(b)(2)(iii) of the Rules. For ease of review in future figures, please add isoconcentration lines through sample locations with concentrations at non-detect to demonstrate delineation to background concentrations.

Response to Comment 5:
Noted. This information will be provided in future submittals.

Comment 6:
Section 4.2 of the CSR states the vertical and horizontal extent of VOC contamination have been defined based on non-detect data collected from the following sample locations: BH-4, BH-9, BH-10, BH-11, OW-3, OW-5, MWW-2, MWW-5, PZ-4, TW-9, TW-10, and TW-11. Please note, borehole samples cannot be used to delineate the horizontal extent of contamination. To complete the horizontal extent of VOC contamination to non-detect concentrations in groundwater, please install monitoring wells in the following locations: west of the former dye sump, south of well BH-7/OW-2, and east of OW-4.

Response to Comment 6:
Noted. Please see following section on Interim Remedial Measures.

Comment 7:
To complete delineation of the vertical extent of contamination in the source area to non-detect concentrations, please install a deep well in the area bounded by sample locations BH-3, BH-1/OW-1 and BH-2.

Response to Comment 7:
Noted. Please see following section on Interim Remedial Measures.

Comment 8:
For future sampling events at the site, please note that the Region IV Environmental Protection Agency, Standard Operating Procedures, discourages groundwater purging and sampling using a bailer and recommends monitoring wells be purged of a minimum of three well volumes prior to sampling. Additionally, each well volume is subject to field analysis (temperature, pH, conductivity, etc.) to ensure the groundwater sample is stabilized to naturally occurring conditions prior to collecting the sample.

Response to Comment 8:

Noted. CRA typically follows the EPA Region IV SOP methodologies, and will provide adequate detailed descriptions in the future.

Comment 9:
According to your potentiometric surface map, groundwater gradient ranges from approximately 25% to 2%; however, the CSR states a range of 10% to 3%. Please verify your measurements and provide a copy of your measurement procedures. Additionally, please mark measurement locations directly on a potentiometric map.

Response to Comment 9:
Using the data from Figure 7 (May 21, 2002) specifically:

Well 1	Well 2	dH (ft)	dL (ft)	Gradient
TW-11	TW-10	22.94	420	0.055
TW-11	TW-9	9.28	430	0.022
TW-11	OW-3	7.83	370	0.021
OW-1	OW-5	11.83	95	0.125
OW-2	OW-5	10.59	60	0.177
PZ-3	PZ-2	6.12	23	0.266
TW-11	OW-5	19.5	490	0.040

For the majority of the Site, the gradient varies from 0.021 to 0.177. The PZ-3/PZ-2 well pair is not within the Site, but is included for a comparison, and is actually outside the gradient range presented in the CSR. However, CRA has the benefit of having performed groundwater investigations at the adjacent used oil UST area and the closed gasoline UST at the southeast corner of the Mohawk facility, and has personal knowledge that the gradient observed in the vicinity of OW-2/OW-5 and PZ-3/PZ-2 are not representative of the hydraulic gradient beneath the Mohawk facility.

Comment 10:
For future modeling or other calculations using groundwater flow velocity, please note that calculations would be more conservative using the steeper gradient value (10%) instead of using an average gradient value.

Response to Comment 10:
Noted. Using the steepest observed gradient would provide the most conservative migration calculations. However, hydraulic gradient, as with other hydrogeologic parameters, is a function of scale for any conceptual model. Thus, a more accurate representation of groundwater flow would be to use the hydraulic gradient measured across the entire area of interest.

Comment 11:
For slug test calculations, please list all input field measurements for water levels and time.

Response to Comment 11:
Inputs are attached.

Comment 12:
While each well's surface reference point and top-of-casing were provided in Table 5, Table 6, and the boring logs, this information should be added to a map (minimum scale=200' per inch or less) depicting all monitoring well locations. [§391-3-19-.06(3)(b)(3)(v)(I)]

Response to Comment 12:
Noted. This information will be provided in future submittals.

Comment 13:
A map (minimum scale=200' per inch or less) depicting the horizontal extent of contamination is required pursuant to Section 391-3-19-.06(3)(b)(3)(viii) of the Rules. For ease of review, please provide isoconcentration lines at non-detect sample locations on Figure 6 to show the horizontal delineation of groundwater contamination to background concentrations.

Response to Comment 13:
Noted. This information is presented in attached Figure 1 (see following section, IRM).

Comment 14:
Please provide a brief description and/or table describing Types 1, 3 and 4 of the risk reduction standards (RRS) developed for this CSR. Although certain calculated RRS appear to be correct, the assumptions behind the RRS are needed to verify whether the values are appropriate.

Response to Comment 14:
The Type 1, 3, and 4 RRS for detected chlorinated hydrocarbons (not metals, and thus not in Rule 391-3-19 Appendix III Table 2) are presented in Tables 1 and 2.

The Type 4 RRS for soil and groundwater were calculated using default exposure assumptions established by EPD in Table 3 of Appendix III of the Rules for Hazardous Site Response. The target concentrations are, therefore, generic and are not qualified by Site Specific assumptions for exposure.

Comment 15:
Please also provide the equations and input variables (toxicity values, exposure assumptions, volatilization factor, etc.) for each of the RRS; this can also be provided in tabular form. This is important for proper evaluation of the RRS, due to the recent update of toxicity values. Input values and equations need to be provided for all constituents in Table 7.

Response to Comment 15:
See above.

Comment 16:
Please include leachate laboratory test from the soil sample exhibiting the highest volatile contamination; or please include a discussion and calculation of a leachate model for the soil sample exhibiting the highest volatile contamination. [§391-3-19-.07(9)(d)(1)]

Response to Comment 16:
A leachate analysis has not been conducted. Calculation of leachate from the soil sample exhibiting the highest PCE concentration, using the guidelines from "Soil Screening Level for Migration to Groundwater; Soil Screening Guidance", USEPA Publication 9355.4-23, July 1996, and State of Louisiana "2003 Risk Evaluation Corrective Action Program (RECAP) guidelines" follows:

Equation for Calculation of Soil Concentration Protective of Drinking Water for Tetrachloroethene

Step 1 - Calculation of chemical concentration adsorbed to soil organic carbon

$$C_{soil} = \frac{GW_{1,2} \bullet [(\rho_b \bullet K_d) + \theta_w + (\theta_a \bullet H')]}{\rho_b}$$

Parameter	Definition	Units	Value	Source
C_{soil}	**Concentration adsorbed to soil organic carbon**	**mg/kg**	**0.10**	**calculated**
$GW_{1,2}$	target soil leachate concentration	mg/L	0.055	Type 4 RRS (calculated)
ρ_b	Dry soil bulk density	g/cm^3	1.7	LDEQ, 2003
K_d	Soil-water partition coefficient	cm^3/g	1.62	$K_{oc} \times f_{oc}$
K_{oc}	Organic carbon/water partition coefficient	cm^3/g	270	chem-specific
f_{oc}	Fractional organic carbon content of soil	unitless	0.006	Default LDEQ, 2003
θ_w	Water filled soil porosity	L_{water}/L_{soil}	0.21	Default LDEQ, 2003
H	Henry's Law	atm-m^3/mol	1.80E-02	chem-specific
H'	Henry's Law	unitless	7.38E-01	H x 41
θ_a	Air filled soil porosity	L_{air}/L_{soil}	0.148	$n - \theta_w$
n	Total soil porosity	L_{pore}/L_{soil}	0.358	$1 - (\rho_b/\rho_s)$
ρ_s	Soil particle density	g/cm^3	2.65	Default LDEQ, 2003

Step 2 - Calculation of soil concentration protective of groundwater

$Soil_{GW1}$ = Csoil x DF (20) = 2 mg/kg

DF= dilution factor (20)

Comment 17:

While a description of the property is provided in Section 2.0 of the CSR and a chain of title in Attachment D of the AEM Report, the CSR fails to provide a legal description of the property as well as the owner's name, address, and telephone number. [§391-3-19-.06(3)(b)(5)]

Response to Comment 17:

The Site is located at latitude 34 50 01 N, longitude 84 45 33 W.
Legal description: Murray County Map M96, Parcel 1.

Comment 18:
The name, address, and telephone number was not provided for the former owner/operator, Diamond Rug and Carpet Mills. [§391-3-19-.06(3)(b)(6)]

Response to Comment 18:
Diamond Rug is no longer in existence. Contact name and number is:

Weaver Estate
c/o Cameron D. Sewell, Esq.
Sewell & Anderson LLP
Park Central III - Suite 1919
12700 Park Central Drive
Dallas, Texas 75251
(972) 739-1919

Comment 19:
The public notice run in the local newspaper did not denote a location where the report may be reviewed and copied. Please include that information in future public participation documents. [§391-3-19-.06(5)(a)]

Response to Comment 19:
Noted. This information will be provided in future public participation documents.

Comment 20:
Please submit a copy of the notice that was provided to Murray County within seven days of submitting a CSR providing the same information required in Rule391-3-19-.06(5)(a). [§391-3-19-.06(5)(e)]

Response to Comment 20:
A copy of the CSR was provided to both the Sole Commissioner of Murray County (Tyson Haynes) and the Mayor of Eton (Jerry Bostick). Copies of the transmittals are attached.

Comment 21:
Please note that the analytical data for Sample BH-4 is incorrectly labeled as BH-3 on Figure 11. Please revise in future figures.

Response to Comment 21:

Noted. This information will be corrected for future submittals.

INTERIM REMEDIAL MEASURES STATUS

On the behalf of Mohawk Industries, Inc., Conestoga-Rovers & Associates (CRA) has conducted preliminary interim remedial measures (IRM) at the Site. These IRM consisted of an underground injection pilot test, to evaluate the effectiveness of chemical injection of potassium permanganate for remediation of the PCE detected in the shallow soil and groundwater zone.

Potassium permanganate works directly on the contaminants through oxidation, as follows:

Potassium Permanganate Reaction Pathways

PCE: $4KMnO_4 + 3C_2Cl_4 + 4H_20 \rightarrow 6CO_2 + 4MnO_2 + 4K^+ + 12Cl^- + 8H^+$
Stoichiometric Weight Ratio 1.3 : 1

TCE: $2KMnO_4 + C_2HCl_3 \rightarrow 2CO_2 + 2MnO_2 + 2K^+ + 3Cl^- + H^+$
Stoichiometric Weight Ratio 2.4 : 1

DCE: $8KMnO_4 + 3C_2H_2Cl_2 \rightarrow 6CO_2 + 8MnO_2 + 8K^+ + 6Cl^- + 8OH^- + 2H_2O$
Stoichiometric Weight Ratio 4.4 : 1

VC: $10KMnO_4 + 3C_2H_3Cl \rightarrow 6CO_2 + 10MnO_2 + 10K^+ + 3Cl^- + 7OH^- + H_2O$
Stoichiometric Weight Ratio 8.5 : 1

The pilot test consisted of injecting potassium permanganate into the shallow groundwater to oxidize the PCE. The fluid was pressure-injected into soil borings by direct push technology (DPT; i.e., Geoprobe®) with a mobile rig. The chemical injectant was introduced through the interior of the DPT rod rather than through wells. It is estimated that each injection point had an effective treatment radius of 20 feet.

The pilot test was conducted in two iterations. The first injection took place on December 18-20, 2002, using two DPT rigs to inject into 25 DPT borings. Approximately 500 gallons of a 1% permanganate solution was injected at each of the points in the 20 to 30 feet depth range. The permanganate was injected in a grid pattern over the aerial extent, and across the vertical zone of the aqueous contaminant plume. Shallow soils (upper 10 feet) in the vicinity of the suspected sources (former dye sump and gravel drain field) were also treated. Existing monitoring wells OW-1 through OW-5 and MWW-1 were sampled to track the injection, and determine the effectiveness of the remedial approach. Groundwater samples were collected from the monitoring wells and analyzed for PCE and related degradation products. The results are shown in Table 3.

The second pilot injection took place on April 29 to May 2, 2003. Approximately 500 gallons of a 3 to 5% permanganate solution was injected at each of 10 points that were focused in the vicinity of OW-1, OW-2, and MWW-1. (Monitoring well OW-4 had been covered by machinery, and was not available for sampling.) Three quarterly sampling events were conducted following the injection to track progress and observe any potential rebound in concentrations. Results of the sampling are presented in Table 3.

The results of the pilot injection test have shown that the use of potassium permanganate has a strong potential for remediating the Site. As a matter of fact, the pilot test itself has brought the Site to within Type 4 RRS for groundwater. Groundwater concentrations of PCE in OW-2 and MWW-1 have been reduced to non-detect, while the PCE observed in OW-1 has been reduced from 98 µg/L to 17 µg/L.

As a result of the voluntary IRM efforts, PCE has been reduced to the level at which it may no longer be technically practicable to expect further reductions through active remediation. Properties adjacent to the Site have not been affected by releases at the Site.

CRA respectfully requests that the former Diamond Rug and Carpet Mills (now Mohawk) Site HSI # 10534 be designated as not needing further action in accordance with Rule 391-3-19-.05(4)(b) and 391-3-19-.06(6)(b)(i).

If you have any questions, please contact the undersigned at 770-441-0027.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Thomas A. Lawrence, PG

TAL/tl/02

c.c.: D. Wood (Mohawk)

CONESTOGA-ROVERS
& ASSOCIATES

1412 Oakbrook Drive, Suite #180, Norcross, GA 30093
Telephone: 770·441·0027 Facsimile: 770·441·2050
www.CRAworld.com

June 2, 2005

Reference No. 14170

Ms. Alexandra Y. Cleary
Environmental Protection Division
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Dear Ms. Cleary:

Re: Response to Notice of Deficiency Letter on
Compliance Status Report for
HSI Site No. 10534
Mohawk Industries, Inc. - Eton Plant

Conestoga-Rovers & Associates (CRA) has reviewed your Notice of Deficiency (NOD) letter of March 30, 2005, to Ms. Denise Wood with Mohawk Industries, Inc. regarding the previous February 6, 2004 NOD letter and CRA's Response Letter of April 15, 2004 for the former Diamond Rug and Carpets (now Mohawk Industries, Inc.), Eton, Murray County, Georgia facility (Site). On behalf of Mohawk Industries, CRA has prepared responses to the specific comments of the letter, as follows:

Comment 1:

As neither TW-1 nor TW-5 were located in the vicinity of former TW-4 and as the petroleum related releases associated with TW-1 and TW-5 have been delineated to non-detect, please obtain a groundwater sample at the former location of monitoring well TW-4, and analyze for benzene (Comment 2).

Response 1:

Since TW-4 no longer exists, the benzene detection of 9 µg/L could not be confirmed directly. Therefore, a temporary well with a commercial pre-packed screen[1] was installed by direct push technology (DPT) in the vicinity of the former TW-4 on May 17, 2005, and a groundwater sample was collected for laboratory analysis of benzene in accordance with EPA Region IV SOP sampling methodologies (Section 7.3.3) for volatile organics using a low-flow peristaltic pump (the "straw method"). The laboratory analytical results (attached) showed no detection of benzene.

[1] GeoInsight 1-inch ID PVC screen with 1.66-inch OD stainless steel mesh holding 120/200 washed sand pack material.

Comment 2:

EPD agrees the selenium detected in TW-2, TW-3, and TW-11 is likely a sampling artifact but less likely a laboratory interference product as the remaining groundwater samples taken in the same sampling event did not detect selenium. Therefore, please obtain a groundwater sample at the former location of monitoring wells TW-2, TW-3, and TW-11 using low flow sampling techniques to determine if selenium has been released to above background concentrations (Comment 2).

Response 2:

For clarification, the potential laboratory interference factor (for Trace ICP only) is related to the same circumstances that can cause the false detection/sampling artifact: selenium can adsorb onto organic material (as well as iron and manganese oxide colloids) present in soil.

Temporary wells with pre-packed screens were installed by DPT on May 17, 2005, at the former TW-2, TW-3, and TW-11 monitoring well locations, then purged and sampled using low flow sampling protocol using a low-flow peristaltic pump. Groundwater samples were collected and analyzed for total (both unfiltered and filtered) selenium, plus total suspended solids[2], except for the TW-2 location, which only produced enough water for an unfiltered selenium sample. Selenium was not detected in any of the samples, unfiltered or filtered.

Comment 3:

Comments 3 and 4 requested additional sample collection and analysis to define the horizontal and vertical extent of contamination in soil [§391-3-19-.06(3)(b)(2)]. The response provided for Comment 3 referenced previous samples (WS-1 and WS-2) collected at 4-6 feet below ground surface, which exceeds the 0-4 feet depth of interest needed to complete horizontal delineation. The response to Comment 4 directed the reader to the Interim Remedial Status Report, which did not address the status of soil at the site. Therefore, please collect and analyze soil samples for volatile organic compounds (VOCs) to non-detect concentrations as follows:

[2] A filtered sample plus total suspended solids sample were collected in order to quantify the potential contribution of selenium due to turbidity, if needed.

a. *Soil samples at 0-2 feet and 2-4 feet below ground surface (bgs) in the immediate vicinity of the former dye sump and its associated drain field to complete the horizontal delineation. At a minimum, samples should be obtained to the west and north of BH-1 and north, east and south of BH-5.*

b. *Soil samples at various depths below 2 feet bgs and above the groundwater table at the locations of BH-1 and BH-5 to complete vertical delineation.*

Response 3:

Soil samples were collected at 5 boring locations (BH-14 through BH-18) by hand auger and/or DPT. Samples were generally collected at depths of 2 and 4 feet below grade (bg), with an extra sample collected from BH-15 at 10 feet bg. The borings were located as requested (see Figure 1). The results of the sampling (Table 1) indicate that the gravel drain field/dye sump area was the major contributor of chlorinated hydrocarbons to the subsurface, with minor concentrations of chlorinated hydrocarbons also detected in the samples located near the septic drain field. The configuration of the aqueous plume on Site had inferred that the vicinity of the gravel drain field on the east side of the old dye sump was the location of the release. Typically, shallow impacted soil at the original spill/release location(s) will appear like a "bull's eye" directly over the greatest concentrations of PCE in groundwater; the detection of elevated PCE in the shallow soil sample from BH-14 confirms this.

The extent of impact is limited horizontally, as well as vertically. This is evidenced by the non-detects in samples from borings BH-2, BH-4, and BH-6, which are also located near the septic drain field. Except for the detections of PCE in the shallow (2 feet bg) samples from BH-1 (5,190 µg/kg), BH-5 (560 µg/kg), and BH-14 (69,000 µg/kg), most detections were well below Type 3 RRS. It appears that the higher detections of PCE are found within the fill, or near the fill-native soil boundary (see Figure 3) in the upper 2 to 4 feet.

Comment 4:

The Response and Interim Remedial Report failed to demonstrate vertical and horizontal delineation in groundwater to non-detect concentrations [Comments 6 and 7, §391-3-19-.06(3)(b)(3)]. Therefore, please collect and analyze groundwater samples for VOCs as follows:

a. *To complete the horizontal delineation, please install monitoring wells in the following locations: west of the former dye sump, south of well BH-7/OW-2, and east of OW-4.*

b. *To complete vertical delineation, please install a deep well in the area bounded by sample location BH-1/OW-1 and BH-2.*

Response 4:
Wells have been installed in the following locations: OW-6, west of OW-1 (inside the building); OW-7, northeast of OW-4 (due east is not accessible); OW-8D (deep well), between OW-1 and BH-3; and OW-9, south of OW-2. These wells have been sampled and results are included in Table 2 and on Figure 2.

Comment 5:
Horizontal hydraulic gradient was calculated between wells that are not directly parallel to groundwater gradient across the site. To get an accurate and more conservative calculation of horizontal hydraulic gradient, please calculate a value measured perpendicularly between potentiometric contour lines on an accurate potentiometric surface map rather than between wells. (Comment 9)

Also, please note several wells are screened 5 to 7 feet below the groundwater table. In stiff clays, such as exist at the site, wells that are not screened at the water table may give inaccurate potentiometric surface readings even in as little as 5 feet of difference. Considerations should be made for wells below the water table when drafting the potentiometric surface map for the site. Please ensure all future shallow groundwater wells installed at the site are screened at the water table, and include these new wells on a new potentiometric surface map, which should be used to re-calculate hydraulic gradient. Please mark the transect line(s) used for calculating horizontal hydraulic gradient on the new potentiometric surface map (see Comment 7 below).

Response 5:
We understand the need for considering the placement of well screens to produce accurate and meaningful data at a site. In stiff clays, it is possible for the groundwater to be confined, and thus the water levels measured in each well corresponds to the potentiometric surface (the potential level to which the water can rise when the confining layer is removed or pierced by a well). However, the water table does not equate to a potentiometric surface. The water table, because it is at atmospheric pressure, will follow approximately the contours of the surface topography. The differences in elevation head between point "a", at a higher elevation head, and point "b", at a lower elevation head, force the groundwater towards the lower energy

potential or towards the lower elevation head. The importance in screening across the water table is most important at sites that are impacted by LNAPLs, which is not the case at this Site. The contaminants observed at the Site are DNAPLs, which can sink through the saturated zone when they occur at high dissolved concentrations.

One cannot say that a gradient calculation based on an interpretation of equipotential line placements is more exact than calculations using water level measurements. This methodology of constructing equipotential lines and flowlines is used for creation of flow nets, an "art" typically done on a trial-and-error basis for "qualitatively" (flow nets are dimensionless) examining flow regimes (1979, Freeze and Cherry[3]). Horizontal gradients for water table and potentiometric maps are always calculated using measurements between wells; the measurement of a water level in a well is a fixed, repeatable data point. A groundwater contour is a soft data point. Placement of groundwater contours is through interpolation, and is derived through a mixture of art, experience, and mathematics.

Hydraulic head measurements will exhibit variability in association with varying gradients. For a site with varying gradients, a range can be given, or an overall Site-scale gradient can be calculated using wells at extreme ends of the Site that averages in any local heterogeneities such as ponds, septic tanks, or steep topographic changes. A Site gradient can also be triangulated using measurements from three wells and using a three-point problem (Heath, 1983[4]). Beyond three measurement points, the calculations can become laborious.

If the objective is to calculate a conservative gradient with as many wells as possible, there is an Excel® spreadsheet method available from the University of Kansas (www.geo.ku.edu/hydro/KUHydro.html) that can calculate hydraulic gradient from data sets involving numerous wells (2003, J.F. Devlin[5]). Using the data presented in the CSR for comparison (and to utilize the water levels from a greater area of the plant), this method of calculating the Site gradient (worksheets attached) produces a Site hydraulic gradient of 0.034 ft/ft for the May 21, 2002 data, and 0.042 for the May 31, 2002 data. However, the calculated gradient directions (-19.45 degrees and -26.26 degrees off X axis [due east]) do not appear to

[3] Freeze and Cherry, "Groundwater", Prentice-Hall, Inc., pg 171.
[4] Heath, Ralph C.,"Basic Ground-Water Hydrology", USGS Water Supply Paper 2220.
[5] "A Spreadsheet Method of Estimating Best-Fit Hydraulic Gradients Using Head Data from Multiple Wells," Ground Water, Vol. 41 No. 3.

represent the overall Site groundwater gradient direction. Examination of the data suggests that the water levels in well TW-9 and TW-10 have strong local influences from the nearby latex ponds. If these wells are removed from the data set, the gradients do not change significantly (0.030 ft/ft and 0.037 ft/ft) but the gradient directions appear to represent the flow direction more closely (-83.17 degrees and -51.67 degrees off X axis), similar to those previously displayed in the CSR groundwater contour figures. Using a more restricted data set from December 2, 2004 (see Figure 4), that excludes outlying wells (most have been closed at receipt of No Further Action status for nearby UST investigations) but includes wells OW-6 and OW-7[6], the gradient calculates slightly higher at 0.048 ft/ft at a direction of -47 degrees off X axis (i.e., S47E, or azimuth 137°).

CRA believes that the seasonal fluctuations of the water table produce hydraulic gradients that range from 0.03 to 0.05 in the clayey soils, with flow direction typically about -50 degrees off the X axis (0 degrees).

Comment 6:

Time versus drawdown data used in the calculations for hydraulic conductivity has been supplied; however, the other input values (well radius, depth, etc.) were not included. Also, the calculations and the method used to calculate hydraulic conductivity was not provided, and the time versus drawdown chart did not depict which slope was selected for calculating hydraulic conductivity. Please supply a complete calculation of hydraulic conductivity including all charts (with slope lines drawn on them), lists of time versus drawdown, list of other input values, and show all calculations. All of this information should be presented together. (Comment 11)

Response 6:

CRA utilized a Hermit 3000 Data Logger and pressure transducer to record the changes in water levels during the field tests. The recorded data were reduced and analyzed using the computer program AQTESOLVE Version 3.01; the data were presented in Appendix F. The program allows the user to choose between several analytical solutions for determining aquifer properties; the automatic curves produced can be visually modified by matching type curves to the time-displacement data from the aquifer tests.

[6] The two most recently installed monitoring wells, OW-8D and OW-9, were installed within the past 10 days and had not been surveyed in time for this submittal.

The following data are presented on the produced data sheets:

- Saturated thickness
- Anisotropy ratio
- Initial displacement
- Total well penetration depth
- Casing radius
- Static water column height
- Screen length
- Wellbore radius
- Aquifer model (unconfined for both tests)
- Solution method (Bower-Rice for both tests)
- Displacement versus time plots, including displacement, time, and the slope line

The AQTESOLVE reports for each analysis are attached.

Comment 7:
Please provide, map(s) (minimum scale = 200' per inch or less) depicting all the monitoring well locations (Comment 12) of the entire site including the following items:

a. *Locations of ALL boreholes, piezometers, temporary, and closed and active groundwater monitoring wells including each well's surface reference point and the elevation of the top of its casing [§391-3-19-.06(3)(v)(l)]; and*
b. *Horizontal extent of contamination [§391-3-19-.06(3)(b)(3)(viii)];*
c. *Potentiometric surface of groundwater [§391-3-19-.06(3)(b)(3)(ix)]; and*
d. *Transect line(s) used for calculating horizontal hydraulic gradient; and*
e. *Vertical cross-sections of appropriate scale depicting concentrations superimposed upon site stratigraphic features and monitoring wells [§391-3-19-.06(3)(b)(3)(x)].*

Response 7:
Figures 1 through 4 are attached, showing the above requested information.

Comment 8:
Please provide on a map and vertical cross-sections of appropriate scale the location and depth of potassium permanganate injections superimposed upon site stratigraphic features and monitoring wells.

Response 8:
Injection locations are provided on Figure 5. Each point shows the corresponding injection depth. At depth the Site stratigraphy does not show thin lenses or strong anisotropy, so we opted to inject more volume at fewer (broader) intervals; injecting at one depth will cover a vertical region of about 2 feet above and below the injection point during injection, with another one to three feet from dispersion and displacement as more volume is injected (i.e., injecting at one depth can cover from a 5 to 10 feet interval). Approximately 150 gallons of 6% solution were injected at each of the shallow (5 feet) points; approximately 350 to 500 gallons were injected into the deeper (20 to 25 feet) points.

The 5-foot depth injection points were placed in the vicinity of the gravel drain field (approximately 2 months before the shallow soil detections at BH-14 and BH-15 were collected) in order to remove the potential for leaching of PCE to groundwater. (The 5 foot depth was chosen in order to cover a vertical region of at least 6 feet without any blow-out or "daylighting" of the injectant.)

Comment 9:
Please provide copies of all laboratory analytical data sheets with associated laboratory stipulation required pursuant to the Commercial Environmental Laboratory Act for all groundwater sampling events since December 2002 [§391-3-19-.06(3)(b)(3)(xi)].

Response 9:
Attached.

Comment 10:

Please provide tables and maps of the data requested in Comment 9. Table 3 of the Interim Remedial Measures Status Report does not include the method detection limits used in sample analysis. Please include the method detection limits on all tables in which analytical data is presented (i.e. <0.005 ppm instead of ND or BDL) [§391-3-19-.06(3)(b)(3)(xi)].

Response 10:

Provided in Tables and Figures 1 and 2 as requested.

Comment 11:

Please note toxicity values for chlorinated VOCs have been revised (Comments 14 and 15). When using the revised toxicity values with the default criteria established under §391-3-19-.07 of the Rules, the groundwater Type 1 risk reduction standards for a majority of the chlorinated VOCs is the least restrictive cleanup standard. If you choose to recalculate the Type 4 risk reduction standards, please address the following items:

- *Several regulated substances have incorrect toxicity factors listed on Tables 1 and 2 of the Response. The following regulated substances and the correct values with references are listed below. Please use these values to recalculate the necessary RRS.*

Oral Reference Dose corrections –

1,1,1 – Trichloroethane	*3.5E-02 mg/kg – day (NCEA)*
1,1 Dichloroethene	*5.0E-02 mg/kg – day (IRIS)*
Trichloroethene	*3.0E-04 mg/kg – day (NCEA)*

Inhalation Reference Dose corrections –

1,1,1 – Trichloroethane	*6.3E-01 mg/kg – day (NCEA)*
1,1 Dichloroethene	*5.7E-02 mg/kg – day (IRIS)*
Tetrachloroethene	*1.7E-01 mg/kg – day (NCEA)*

Oral Cancer Slope Factor corrections –

1,1 Dichloroethene	*No Value*

Trichloroethene	*4.0E-01 (mg/kg – day) $^{-1}$ (NCEA)*
Tetrachloroethene	*2.1E-02 (mg/kg – day) $^{-1}$ (NCEA)*

Inhalation Cancer Slope Factor corrections –

1,1 Dichloroethene	*No Value*
Trichloroethene	*4.0E-01 (mg/kg – day) $^{-1}$ (NCEA)*
Tetrachloroethene	*2.0E-02 (mg/kg – day) $^{-1}$ (NCEA)*

- *The method used to derive the soil concentrations protective of groundwater calculations presented in Table 2 of the Response including any equation used should be provided.*
- *The Henry's Law constants used to derive the Volatilization Factors presented Table 2 of the Response should be provided along with their references.*
- *Please make the following corrections to your soil screening levels (SSLs) presented in your leachate model:*
  - *Please note the equation used is incorrect. The correct equation is:*

    $SSL = C_W [K_D + (\theta_W + \theta_A \text{ X } H') / \rho_b]$

    Where:

    C_w– target soil leachate concentration = Type 4 X DAF (mg/L)

    K_d – Soil-water partition coefficient = foc X Koc (L/kg)

    f_{OC} - fraction organic carbon content

    K_{OC} – organic carbon partition coefficient (L/kg)

    θ_W - water-filled soil porosity = EPA default = 0.3 L/L

    θa – air filled soil porosity = EPA default = 0.13396 L/L

    H' – Henry's Law, dimensionless = Henry's Law constant X 41

    ρ_b - dry soil bulk density = EPA default = 1.5 kg/L

- *Default values from the Louisiana Department of Environmental Quality are not applicable in the state of Georgia. EPA or Georgia EPD defaults should be used. These include:*

  f_{OC} - EPA Default = 0.002

  K_{OC} - listed in EPA's Soil Screening Guidance (SSG): Technical Background Document, Table 39

  θ_W - EPA default = 0.3 L/L

  θa – EPA default = 0.13396 L/L

H' – listed in EPA's SSG: Technical Background Document, Table 36

ρ_b - EPA default = 1.5 kg/L

- *A dilution attenuation factor (DAF) of 20, which is the EPA's default value for a site that is one-half acre or less, was used in your equation. Upon completing the delineation of contamination in soil, if the site is greater than one-half acre, a site-specific DAF should be calculated for the site using Equations 11 and 12 of the SSG User's Guide. Please list all input values and show all calculations for DAF.*
- *Please provide calculations and lists of all input values for SSLs for ALL constituents of concern (all constituents detected in soil above EPD's notification concentration).*

Response 11:

Until such time that peer review scientists at EPA have accepted official USEPA dose response values by listing it on IRIS, CRA recognizes that the Type 1/3 RRS are the least restrictive cleanup standards for most chlorinated hydrocarbons and will utilize those RRS.

On first inspection, the LDEQ equation does appear to be different from the EPA's SSL equation. However, the only differences are "cosmetic", and the equations are mathematically the same. Several variables use different letters (i.e., SSL versus C_{soil}; $GW_{1,2}$ versus C_w), and the denominator (dry density) has been extended beneath the entire LDEQ equation; this requires that the soil-water partition coefficient be multiplied by dry density so it will not be artificially reduced. Nonetheless, since several default changes require recalculation of the leachate model (as requested), for the sake of simplicity the SSL form of the equation was used instead of the LDEQ form.

The dilution factor model pertains to contaminated soil sources, which does not equate to delineation to background in soil. Nonetheless, the detections of chlorinated hydrocarbons within soil are limited to an area of approximately 60 by 120 feet. One half acre is roughly 100 by 200 feet; therefore, the previous use of the DAF 20 is appropriate.

The DAFs of each constituent detected above notification concentrations have been calculated and the worksheets attached. A summary of the results of these calculations follows:

Parameter	DAF 20
1,1 DCA	34.19 mg/kg
1,1-DCE	0.07 mg/kg
Cis-DCE	7.72 mg/kg
PCE	0.09 mg/kg

Comment 12:

Please provide the property legal description – tax parcel identification and lat/long location does not meet this requirement [Comment 17 §391-3-19-.06(3)(b)5].

Response 12:

We will request that Mohawk send to EPD a meets and bounds survey for legal description.

Comment 13:

Please provide a revised certification pursuant to §391-3-19-.06(4)(a).

Response 13:

Mohawk Industries will submit a revised certification along with a meets and bounds survey under separate cover.

Comment 14:

Please provide a revised groundwater scientist certification relating to the hydrogeologic information provided in the response to this NOD.

Response 14:

Attached.

Comment 15:

Please provide a copy of the public notice in The Chatsworth Times and The Morgan County Citizen advertising that the response to this NOD and associated compliance status report is available for public comment and includes the location where this response and associated compliance status report can be reviewed. For future reference, §391-3-19-.06(5)(e) of the Rules requires a notice should be provided to the City of Eton and Murray County governments that contains the information specified in Rule 391-3-19-.06(5)(a). Providing a copy of the CSR is permissible, but the information provided Section 6.0 of the CSR is sufficient.

Response 15:

Under Rule 391-3-19-.06(5)(a) through (f), a CSR, revisions of a CSR, and a CAP are subject to this public notification. A copy of the public notice advertising that the CSR was available for public review and comment was submitted to EPD on August 14, 2002. A notice for this response to NOD can be provided within 7 days of its printing.

Impact from chlorinated hydrocarbons in groundwater appears to be restricted to the vicinity of OW-1 and MWW-1 at low levels (7.8 to 13 µg/L). Properties adjacent to the Site have not been affected by releases at the Site. As a result of the voluntary Interim Remedial Measures, dissolved PCE concentrations have been reduced to the level at which it may no longer be technically practicable to expect further reductions through active remediation. The limited soil impact from PCE above RRS is restricted to an approximate 10-foot radius in the upper 4 feet.

CRA respectfully requests that the former Diamond Rug and Carpet Mills (now Mohawk) Site HSI # 10534 be designated as not needing further action in accordance with Rule 391-3-19-.05(4)(b) and 391-3-19-.06(6)(b)(i).

If you have any questions, please contact the undersigned at 770-441-0027.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Thomas A. Lawrence, PG

tl/03

c.c.: D. Wood (Mohawk)

CERTIFICATION OF GROUNDWATER REPORT

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in ground-water hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgements regarding ground-water monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

Thomas A. Lawrence, P.G.
Printed Name (Professional Geologist)

Signature (Professional Geologist)

CERTIFICATION OF COMPLIANCE

Portion of Northeast Quarter of
Former Diamond Rug and Carpets (now Mohawk Industries, Inc.)
Eton, Murray County, Georgia
HSI Site No. 10534

I certify under penalty of law that this report and all attachments were prepared under my direction 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.

Based on my review of the findings of this report with respect to the risk reduction standards of the Rules for Hazardous Site Response, Rule 391-3-19.07, I have determined that the Site is not in compliance with Type 1 or 3 risk reduction standards for soil or groundwater. This is due to the presence of tetrachloroethene in three shallow soil samples and in three Site monitoring wells slightly above detection limits.

Signed copy sent under separate cover by Mohawk

For Mohawk:

Printed Name

Signature

CONESTOGA-ROVERS
& ASSOCIATES

1412 Oakbrook Drive, Suite #180, Norcross, GA 30093
Telephone: 770-441-0027 Facsimile: 770-441-2050
www.CRAworld.com

June 2, 2005

Reference No. 14170

Ms. Alexandra Y. Cleary
Environmental Protection Division
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Dear Ms. Cleary:

Re: Response to Notice of Deficiency Letter on
Compliance Status Report for
HSI Site No. 10534
Mohawk Industries, Inc. - Eton Plant

Conestoga-Rovers & Associates (CRA) has reviewed your Notice of Deficiency (NOD) letter of March 30, 2005, to Ms. Denise Wood with Mohawk Industries, Inc. regarding the previous February 6, 2004 NOD letter and CRA's Response Letter of April 15, 2004 for the former Diamond Rug and Carpets (now Mohawk Industries, Inc.), Eton, Murray County, Georgia facility (Site). On behalf of Mohawk Industries, CRA has prepared responses to the specific comments of the letter, as follows:

Comment 1:

As neither TW-1 nor TW-5 were located in the vicinity of former TW-4 and as the petroleum related releases associated with TW-1 and TW-5 have been delineated to non-detect, please obtain a groundwater sample at the former location of monitoring well TW-4, and analyze for benzene (Comment 2).

Response 1:

Since TW-4 no longer exists, the benzene detection of 9 µg/L could not be confirmed directly. Therefore, a temporary well with a commercial pre-packed screen[1] was installed by direct push technology (DPT) in the vicinity of the former TW-4 on May 17, 2005, and a groundwater sample was collected for laboratory analysis of benzene in accordance with EPA Region IV SOP sampling methodologies (Section 7.3.3) for volatile organics using a low-flow peristaltic pump (the "straw method"). The laboratory analytical results (attached) showed no detection of benzene.

[1] GeoInsight 1-inch ID PVC screen with 1.66-inch OD stainless steel mesh holding 120/200 washed sand pack material.

Comment 2:

EPD agrees the selenium detected in TW-2, TW-3, and TW-11 is likely a sampling artifact but less likely a laboratory interference product as the remaining groundwater samples taken in the same sampling event did not detect selenium. Therefore, please obtain a groundwater sample at the former location of monitoring wells TW-2, TW-3, and TW-11 using low flow sampling techniques to determine if selenium has been released to above background concentrations (Comment 2).

Response 2:

For clarification, the potential laboratory interference factor (for Trace ICP only) is related to the same circumstances that can cause the false detection/sampling artifact: selenium can adsorb onto organic material (as well as iron and manganese oxide colloids) present in soil.

Temporary wells with pre-packed screens were installed by DPT on May 17, 2005, at the former TW-2, TW-3, and TW-11 monitoring well locations, then purged and sampled using low flow sampling protocol using a low-flow peristaltic pump. Groundwater samples were collected and analyzed for total (both unfiltered and filtered) selenium, plus total suspended solids[2], except for the TW-2 location, which only produced enough water for an unfiltered selenium sample. Selenium was not detected in any of the samples, unfiltered or filtered.

Comment 3:

Comments 3 and 4 requested additional sample collection and analysis to define the horizontal and vertical extent of contamination in soil [§391-3-19-.06(3)(b)(2)]. The response provided for Comment 3 referenced previous samples (WS-1 and WS-2) collected at 4-6 feet below ground surface, which exceeds the 0-4 feet depth of interest needed to complete horizontal delineation. The response to Comment 4 directed the reader to the Interim Remedial Status Report, which did not address the status of soil at the site. Therefore, please collect and analyze soil samples for volatile organic compounds (VOCs) to non-detect concentrations as follows:

[2] A filtered sample plus total suspended solids sample were collected in order to quantify the potential contribution of selenium due to turbidity, if needed.

a. *Soil samples at 0-2 feet and 2-4 feet below ground surface (bgs) in the immediate vicinity of the former dye sump and its associated drain field to complete the horizontal delineation. At a minimum, samples should be obtained to the west and north of BH-1 and north, east and south of BH-5.*

b. *Soil samples at various depths below 2 feet bgs and above the groundwater table at the locations of BH-1 and BH-5 to complete vertical delineation.*

Response 3:

Soil samples were collected at 5 boring locations (BH-14 through BH-18) by hand auger and/or DPT. Samples were generally collected at depths of 2 and 4 feet below grade (bg), with an extra sample collected from BH-15 at 10 feet bg. The borings were located as requested (see Figure 1). The results of the sampling (Table 1) indicate that the gravel drain field/dye sump area was the major contributor of chlorinated hydrocarbons to the subsurface, with minor concentrations of chlorinated hydrocarbons also detected in the samples located near the septic drain field. The configuration of the aqueous plume on Site had inferred that the vicinity of the gravel drain field on the east side of the old dye sump was the location of the release. Typically, shallow impacted soil at the original spill/release location(s) will appear like a "bull's eye" directly over the greatest concentrations of PCE in groundwater; the detection of elevated PCE in the shallow soil sample from BH-14 confirms this.

The extent of impact is limited horizontally, as well as vertically. This is evidenced by the non-detects in samples from borings BH-2, BH-4, and BH-6, which are also located near the septic drain field. Except for the detections of PCE in the shallow (2 feet bg) samples from BH-1 (5,190 µg/kg), BH-5 (560 µg/kg), and BH-14 (69,000 µg/kg), most detections were well below Type 3 RRS. It appears that the higher detections of PCE are found within the fill, or near the fill-native soil boundary (see Figure 3) in the upper 2 to 4 feet.

Comment 4:

The Response and Interim Remedial Report failed to demonstrate vertical and horizontal delineation in groundwater to non-detect concentrations [Comments 6 and 7, §391-3-19-.06(3)(b)(3)]. Therefore, please collect and analyze groundwater samples for VOCs as follows:

a. *To complete the horizontal delineation, please install monitoring wells in the following locations: west of the former dye sump, south of well BH-7/OW-2, and east of OW-4.*

b. *To complete vertical delineation, please install a deep well in the area bounded by sample location BH-1/OW-1 and BH-2.*

Response 4:

Wells have been installed in the following locations: OW-6, west of OW-1 (inside the building); OW-7, northeast of OW-4 (due east is not accessible); OW-8D (deep well), between OW-1 and BH-3; and OW-9, south of OW-2. These wells have been sampled and results are included in Table 2 and on Figure 2.

Comment 5:

Horizontal hydraulic gradient was calculated between wells that are not directly parallel to groundwater gradient across the site. To get an accurate and more conservative calculation of horizontal hydraulic gradient, please calculate a value measured perpendicularly between potentiometric contour lines on an accurate potentiometric surface map rather than between wells. (Comment 9)

Also, please note several wells are screened 5 to 7 feet below the groundwater table. In stiff clays, such as exist at the site, wells that are not screened at the water table may give inaccurate potentiometric surface readings even in as little as 5 feet of difference. Considerations should be made for wells below the water table when drafting the potentiometric surface map for the site. Please ensure all future shallow groundwater wells installed at the site are screened at the water table, and include these new wells on a new potentiometric surface map, which should be used to re-calculate hydraulic gradient. Please mark the transect line(s) used for calculating horizontal hydraulic gradient on the new potentiometric surface map (see Comment 7 below).

Response 5:

We understand the need for considering the placement of well screens to produce accurate and meaningful data at a site. In stiff clays, it is possible for the groundwater to be confined, and thus the water levels measured in each well corresponds to the potentiometric surface (the potential level to which the water can rise when the confining layer is removed or pierced by a well). However, the water table does not equate to a potentiometric surface. The water table, because it is at atmospheric pressure, will follow approximately the contours of the surface topography. The differences in elevation head between point "a", at a higher elevation head, and point "b", at a lower elevation head, force the groundwater towards the lower energy

potential or towards the lower elevation head. The importance in screening across the water table is most important at sites that are impacted by LNAPLs, which is not the case at this Site. The contaminants observed at the Site are DNAPLs, which can sink through the saturated zone when they occur at high dissolved concentrations.

One cannot say that a gradient calculation based on an interpretation of equipotential line placements is more exact than calculations using water level measurements. This methodology of constructing equipotential lines and flowlines is used for creation of flow nets, an "art" typically done on a trial-and-error basis for "qualitatively" (flow nets are dimensionless) examining flow regimes (1979, Freeze and Cherry[3]). Horizontal gradients for water table and potentiometric maps are always calculated using measurements between wells; the measurement of a water level in a well is a fixed, repeatable data point. A groundwater contour is a soft data point. Placement of groundwater contours is through interpolation, and is derived through a mixture of art, experience, and mathematics.

Hydraulic head measurements will exhibit variability in association with varying gradients. For a site with varying gradients, a range can be given, or an overall Site-scale gradient can be calculated using wells at extreme ends of the Site that averages in any local heterogeneities such as ponds, septic tanks, or steep topographic changes. A Site gradient can also be triangulated using measurements from three wells and using a three-point problem (Heath, 1983[4]). Beyond three measurement points, the calculations can become laborious.

If the objective is to calculate a conservative gradient with as many wells as possible, there is an Excel® spreadsheet method available from the University of Kansas (www.geo.ku.edu/hydro/KUHydro.html) that can calculate hydraulic gradient from data sets involving numerous wells (2003, J.F. Devlin[5]). Using the data presented in the CSR for comparison (and to utilize the water levels from a greater area of the plant), this method of calculating the Site gradient (worksheets attached) produces a Site hydraulic gradient of 0.034 ft/ft for the May 21, 2002 data, and 0.042 for the May 31, 2002 data. However, the calculated gradient directions (-19.45 degrees and -26.26 degrees off X axis [due east]) do not appear to

[3] Freeze and Cherry, "Groundwater", Prentice-Hall, Inc., pg 171.
[4] Heath, Ralph C.,"Basic Ground-Water Hydrology", USGS Water Supply Paper 2220.
[5] "A Spreadsheet Method of Estimating Best-Fit Hydraulic Gradients Using Head Data from Multiple Wells," Ground Water, Vol. 41 No. 3.

represent the overall Site groundwater gradient direction. Examination of the data suggests that the water levels in well TW-9 and TW-10 have strong local influences from the nearby latex ponds. If these wells are removed from the data set, the gradients do not change significantly (0.030 ft/ft and 0.037 ft/ft) but the gradient directions appear to represent the flow direction more closely (-83.17 degrees and -51.67 degrees off X axis), similar to those previously displayed in the CSR groundwater contour figures. Using a more restricted data set from December 2, 2004 (see Figure 4), that excludes outlying wells (most have been closed at receipt of No Further Action status for nearby UST investigations) but includes wells OW-6 and OW-7[6], the gradient calculates slightly higher at 0.048 ft/ft at a direction of -47 degrees off X axis (i.e., S47E, or azimuth 137°).

CRA believes that the seasonal fluctuations of the water table produce hydraulic gradients that range from 0.03 to 0.05 in the clayey soils, with flow direction typically about -50 degrees off the X axis (0 degrees).

Comment 6:

Time versus drawdown data used in the calculations for hydraulic conductivity has been supplied; however, the other input values (well radius, depth, etc.) were not included. Also, the calculations and the method used to calculate hydraulic conductivity was not provided, and the time versus drawdown chart did not depict which slope was selected for calculating hydraulic conductivity. Please supply a complete calculation of hydraulic conductivity including all charts (with slope lines drawn on them), lists of time versus drawdown, list of other input values, and show all calculations. All of this information should be presented together. (Comment 11)

Response 6:

CRA utilized a Hermit 3000 Data Logger and pressure transducer to record the changes in water levels during the field tests. The recorded data were reduced and analyzed using the computer program AQTESOLVE Version 3.01; the data were presented in Appendix F. The program allows the user to choose between several analytical solutions for determining aquifer properties; the automatic curves produced can be visually modified by matching type curves to the time-displacement data from the aquifer tests.

[6] The two most recently installed monitoring wells, OW-8D and OW-9, were installed within the past 10 days and had not been surveyed in time for this submittal.

The following data are presented on the produced data sheets:

- Saturated thickness
- Anisotropy ratio
- Initial displacement
- Total well penetration depth
- Casing radius
- Static water column height
- Screen length
- Wellbore radius
- Aquifer model (unconfined for both tests)
- Solution method (Bower-Rice for both tests)
- Displacement versus time plots, including displacement, time, and the slope line

The AQTESOLVE reports for each analysis are attached.

Comment 7:

Please provide, map(s) (minimum scale = 200' per inch or less) depicting all the monitoring well locations (Comment 12) of the entire site including the following items:

a. *Locations of ALL boreholes, piezometers, temporary, and closed and active groundwater monitoring wells including each well's surface reference point and the elevation of the top of its casing [§391-3-19-.06(3)(v)(l)]; and*
b. *Horizontal extent of contamination [§391-3-19-.06(3)(b)(3)(viii)];*
c. *Potentiometric surface of groundwater [§391-3-19-.06(3)(b)(3)(ix)]; and*
d. *Transect line(s) used for calculating horizontal hydraulic gradient; and*
e. *Vertical cross-sections of appropriate scale depicting concentrations superimposed upon site stratigraphic features and monitoring wells [§391-3-19-.06(3)(b)(3)(x)].*

Response 7:
Figures 1 through 4 are attached, showing the above requested information.

Comment 8:
Please provide on a map and vertical cross-sections of appropriate scale the location and depth of potassium permanganate injections superimposed upon site stratigraphic features and monitoring wells.

Response 8:
Injection locations are provided on Figure 5. Each point shows the corresponding injection depth. At depth the Site stratigraphy does not show thin lenses or strong anisotropy, so we opted to inject more volume at fewer (broader) intervals; injecting at one depth will cover a vertical region of about 2 feet above and below the injection point during injection, with another one to three feet from dispersion and displacement as more volume is injected (i.e., injecting at one depth can cover from a 5 to 10 feet interval). Approximately 150 gallons of 6% solution were injected at each of the shallow (5 feet) points; approximately 350 to 500 gallons were injected into the deeper (20 to 25 feet) points.

The 5-foot depth injection points were placed in the vicinity of the gravel drain field (approximately 2 months before the shallow soil detections at BH-14 and BH-15 were collected) in order to remove the potential for leaching of PCE to groundwater. (The 5 foot depth was chosen in order to cover a vertical region of at least 6 feet without any blow-out or "daylighting" of the injectant.)

Comment 9:
Please provide copies of all laboratory analytical data sheets with associated laboratory stipulation required pursuant to the Commercial Environmental Laboratory Act for all groundwater sampling events since December 2002 [§391-3-19-.06(3)(b)(3)(xi)].

Response 9:
Attached.

Comment 10:

Please provide tables and maps of the data requested in Comment 9. Table 3 of the Interim Remedial Measures Status Report does not include the method detection limits used in sample analysis. Please include the method detection limits on all tables in which analytical data is presented (i.e. <0.005 ppm instead of ND or BDL) [§391-3-19-.06(3)(b)(3)(xi)].

Response 10:

Provided in Tables and Figures 1 and 2 as requested.

Comment 11:

Please note toxicity values for chlorinated VOCs have been revised (Comments 14 and 15). When using the revised toxicity values with the default criteria established under §391-3-19-.07 of the Rules, the groundwater Type 1 risk reduction standards for a majority of the chlorinated VOCs is the least restrictive cleanup standard. If you choose to recalculate the Type 4 risk reduction standards, please address the following items:

- *Several regulated substances have incorrect toxicity factors listed on Tables 1 and 2 of the Response. The following regulated substances and the correct values with references are listed below. Please use these values to recalculate the necessary RRS.*

Oral Reference Dose corrections –

1,1,1 – Trichloroethane	*3.5E-02 mg/kg – day (NCEA)*
1,1 Dichloroethene	*5.0E-02 mg/kg – day (IRIS)*
Trichloroethene	*3.0E-04 mg/kg – day (NCEA)*

Inhalation Reference Dose corrections –

1,1,1 – Trichloroethane	*6.3E-01 mg/kg – day (NCEA)*
1,1 Dichloroethene	*5.7E-02 mg/kg – day (IRIS)*
Tetrachloroethene	*1.7E-01 mg/kg – day (NCEA)*

Oral Cancer Slope Factor corrections –

1,1 Dichloroethene	*No Value*

Trichloroethene	*4.0E-01 (mg/kg – day) $^{-1}$ (NCEA)*
Tetrachloroethene	*2.1E-02 (mg/kg – day) $^{-1}$ (NCEA)*

Inhalation Cancer Slope Factor corrections –

1,1 Dichloroethene	*No Value*
Trichloroethene	*4.0E-01 (mg/kg – day) $^{-1}$ (NCEA)*
Tetrachloroethene	*2.0E-02 (mg/kg – day) $^{-1}$ (NCEA)*

- *The method used to derive the soil concentrations protective of groundwater calculations presented in Table 2 of the Response including any equation used should be provided.*
- *The Henry's Law constants used to derive the Volatilization Factors presented Table 2 of the Response should be provided along with their references.*
- *Please make the following corrections to your soil screening levels (SSLs) presented in your leachate model:*
  - *Please note the equation used is incorrect. The correct equation is:*

    $SSL = C_W[K_D + (\theta_W + \theta_A X H') / \rho_b]$

    Where:

    C_w– target soil leachate concentration = Type 4 X DAF (mg/L)

    K_d – Soil-water partition coefficient = foc X Koc (L/kg)

    f_{OC} - fraction organic carbon content

    K_{OC} – organic carbon partition coefficient (L/kg)

    θ_W - water-filled soil porosity = EPA default = 0.3 L/L

    θa – air filled soil porosity = EPA default = 0.13396 L/L

    H' – Henry's Law, dimensionless = Henry's Law constant X 41

    ρ_b - dry soil bulk density = EPA default = 1.5 kg/L

- *Default values from the Louisiana Department of Environmental Quality are not applicable in the state of Georgia. EPA or Georgia EPD defaults should be used. These include:*

  f_{OC} - EPA Default = 0.002

  K_{OC} - listed in EPA's Soil Screening Guidance (SSG): Technical Background Document, Table 39

  θ_W - EPA default = 0.3 L/L

  θa – EPA default = 0.13396 L/L

H' – listed in EPA's SSG: Technical Background Document, Table 36

ρ_b - EPA default = 1.5 kg/L

- *A dilution attenuation factor (DAF) of 20, which is the EPA's default value for a site that is one-half acre or less, was used in your equation. Upon completing the delineation of contamination in soil, if the site is greater than one-half acre, a site-specific DAF should be calculated for the site using Equations 11 and 12 of the SSG User's Guide. Please list all input values and show all calculations for DAF.*
- *Please provide calculations and lists of all input values for SSLs for ALL constituents of concern (all constituents detected in soil above EPD's notification concentration).*

Response 11:

Until such time that peer review scientists at EPA have accepted official USEPA dose response values by listing it on IRIS, CRA recognizes that the Type 1/3 RRS are the least restrictive cleanup standards for most chlorinated hydrocarbons and will utilize those RRS.

On first inspection, the LDEQ equation does appear to be different from the EPA's SSL equation. However, the only differences are "cosmetic", and the equations are mathematically the same. Several variables use different letters (i.e., SSL versus C_{soil}; $GW_{1,2}$ versus C_w), and the denominator (dry density) has been extended beneath the entire LDEQ equation; this requires that the soil-water partition coefficient be multiplied by dry density so it will not be artificially reduced. Nonetheless, since several default changes require recalculation of the leachate model (as requested), for the sake of simplicity the SSL form of the equation was used instead of the LDEQ form.

The dilution factor model pertains to contaminated soil sources, which does not equate to delineation to background in soil. Nonetheless, the detections of chlorinated hydrocarbons within soil are limited to an area of approximately 60 by 120 feet. One half acre is roughly 100 by 200 feet; therefore, the previous use of the DAF 20 is appropriate.

The DAFs of each constituent detected above notification concentrations have been calculated and the worksheets attached. A summary of the results of these calculations follows:

Parameter	DAF 20
1,1 DCA	34.19 mg/kg
1,1-DCE	0.07 mg/kg
Cis-DCE	7.72 mg/kg
PCE	0.09 mg/kg

Comment 12:

Please provide the property legal description – tax parcel identification and lat/long location does not meet this requirement [Comment 17 §391-3-19-.06(3)(b)5].

Response 12:

We will request that Mohawk send to EPD a meets and bounds survey for legal description.

Comment 13:

Please provide a revised certification pursuant to §391-3-19-.06(4)(a).

Response 13:

Mohawk Industries will submit a revised certification along with a meets and bounds survey under separate cover.

Comment 14:

Please provide a revised groundwater scientist certification relating to the hydrogeologic information provided in the response to this NOD.

Response 14:

Attached.

Comment 15:

Please provide a copy of the public notice in The Chatsworth Times and The Morgan County Citizen advertising that the response to this NOD and associated compliance status report is available for public comment and includes the location where this response and associated compliance status report can be reviewed. For future reference, §391-3-19-.06(5)(e) of the Rules requires a notice should be provided to the City of Eton and Murray County governments that contains the information specified in Rule 391-3-19-.06(5)(a). Providing a copy of the CSR is permissible, but the information provided Section 6.0 of the CSR is sufficient.

Response 15:

Under Rule 391-3-19-.06(5)(a) through (f), a CSR, revisions of a CSR, and a CAP are subject to this public notification. A copy of the public notice advertising that the CSR was available for public review and comment was submitted to EPD on August 14, 2002. A notice for this response to NOD can be provided within 7 days of its printing.

Impact from chlorinated hydrocarbons in groundwater appears to be restricted to the vicinity of OW-1 and MWW-1 at low levels (7.8 to 13 µg/L). Properties adjacent to the Site have not been affected by releases at the Site. As a result of the voluntary Interim Remedial Measures, dissolved PCE concentrations have been reduced to the level at which it may no longer be technically practicable to expect further reductions through active remediation. The limited soil impact from PCE above RRS is restricted to an approximate 10-foot radius in the upper 4 feet.

CRA respectfully requests that the former Diamond Rug and Carpet Mills (now Mohawk) Site HSI # 10534 be designated as not needing further action in accordance with Rule 391-3-19-.05(4)(b) and 391-3-19-.06(6)(b)(i).

If you have any questions, please contact the undersigned at 770-441-0027.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Thomas A. Lawrence, PG

tl/03
c.c.: D. Wood (Mohawk)

CERTIFICATION OF GROUNDWATER REPORT

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in ground-water hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgements regarding ground-water monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

Thomas A. Lawrence, P.G.
Printed Name (Professional Geologist)

Signature (Professional Geologist)

CERTIFICATION OF COMPLIANCE

Portion of Northeast Quarter of
Former Diamond Rug and Carpets (now Mohawk Industries, Inc.)
Eton, Murray County, Georgia
HSI Site No. 10534

I certify under penalty of law that this report and all attachments were prepared under my direction 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.

Based on my review of the findings of this report with respect to the risk reduction standards of the Rules for Hazardous Site Response, Rule 391-3-19.07, I have determined that the Site is not in compliance with Type 1 or 3 risk reduction standards for soil or groundwater. This is due to the presence of tetrachloroethene in three shallow soil samples and in three Site monitoring wells slightly above detection limits.

For Mohawk:

Signed copy sent under separate cover by Mohawk

Printed Name

Signature

Georgia Department of Natural Resources

2 Martin Luther King, Jr. Drive, SE, Suite 1462 East, Atlanta, Georgia 30334
Chris Clark, Commissioner
Environmental Protection Division
F. Allen Barnes, Director
Land Protection Branch
Mark Smith, Branch Chief
Response and Remediation Program
404/657-8600

antonia.beaulus@dnr.ga.gov

November 9, 2010

CERTIFIED MAIL
Return Receipt Requested

Mohawk Industries, Inc.
Attn: Ms. Denise Wood, Environmental Coordinator
Post Office Box 12069
Calhoun, Georgia 30703

Re: Response to Notice of Deficiency Letter, June 2, 2005
Diamond Rug and Carpet Mills-Eton Plant
4140 North Highway 411
Eton, Murray County, Georgia
HSI Site 10534

Dear Ms. Wood:

The Georgia Environmental Protection Division (EPD) has completed its review of the Response to Notice of Deficiency Letter dated June 2, 2005 (Response), submitted on behalf of Mohawk Industries, Inc. (Mohawk) by Conestoga-Rovers & Associates (CRA). The responses have been evaluated with respect to the Rules for Hazardous Site Response (Rules). As the extent of contamination has not been defined to background concentrations in soil and groundwater pursuant to §391-3-19-.06(3)(b)(2) and (3) of the Rules, and contaminant concentrations exceeding any type risk reduction standard (RRS) remain onsite, EPD cannot concur that no further action is required at the subject site as requested in the Response. Therefore, please provide a corrective action plan (CAP) for soil and groundwater that describes the actions Mohawk has determined are appropriate to bring the site into compliance with the RRS of §391-3-19-.06(7) of the Rules.

Due to the length of time since the last known comprehensive groundwater-sampling event, please sample all existing monitoring wells at the site to determine current groundwater conditions. If groundwater concentrations continue to show a decreasing trend, please provide a compliance-monitoring plan (CMP) in lieu of a groundwater CAP that (1) describes the periodic groundwater monitoring proposed to ensure continued declining concentrations and (2) provides an estimate of the time required to reach compliance with residential RRS. If groundwater concentrations indicate an increasing trend, please provide a CAP for the remediation of groundwater that includes an evaluation of any remaining source material that may be contributing to the release. The following comments should be addressed in the CAP/ CMP or during ongoing monitoring and corrective action:

1. In addition to detailing the actions required to remediate the site to applicable RRS, please ensure that the CAP and/ or CMP requested above includes the following information:
    a. Analytical results of the comprehensive groundwater-monitoring event,
    b. Dates and results of any additional injections or other corrective action conducted at the property since May 2003 along with any data generated,
    c. Outputs and assumptions for any models run to project the timeframe for cleanup of the site to applicable RRS,

d. A contingency plan to address any contamination that is not remediated to applicable RRS within the predicted timeframe for compliance,

e. Concentration trend data in support of Mohawk's determination of the effectiveness of the initial pilot studies and any subsequent actions, and

f. A milestone schedule and estimate of associated costs for implementing the proposed corrective action including the delivery of a CSR that certifies the property to applicable RRS.

2. For any future soil or groundwater sampling and monitoring well installation that may be required at the above referenced property, please note that U.S. EPA Region 4's *Environmental Investigations Standard Operating Procedure Quality Assurance* Manual, November 2001 (EISOPQAM) has been superseded by EPA Region 4's *Field Branches Quality System and Technical Procedures* (FBQSTP) and guidance documents prepared by the Science and Ecosystem Support Division (SESD) of EPA Region 4 in late 2007 and early 2008. Please ensure that future field investigation activities are conducted in accordance with FBQSTP. You may obtain FBQSTP operating procedures and guidance documents via the Internet at: http://www.epa.gov/region4/sesd/fbqstp/.

3. In EPD's March 30, 2005 letter, additional soil samples were requested for the purpose of delineating volatile organic compounds (VOCs) to background concentrations (vertically and horizontally) in the vicinity of the former dye sump and its associated drain fields. While EPD concurs the area impacted by VOCs (within the fill or at the soil/fill boundary) appears to be limited, the release is not properly delineated. A sufficient number of samples should be collected to fill in data gaps to define the horizontal and vertical extent of VOCs in soil to background concentrations as required by §391-3-19-.06(3)(b)(3)(2) of the Rules. It is acceptable to complete delineation efforts during corrective action (i.e. via confirmation sampling). Please also note that a minimum of 10% of samples analyzed via a mobile lab (if utilized) should also be analyzed by a fixed lab for correlation of the data. All future data points used to demonstrate delineation and/ or compliance should be analyzed by a laboratory that can certify the analytical data provided pursuant to Chapter 391-3-26 of the Rules for Commercial Environmental Laboratories.

4. According to the Response, five (5) soil borings were collected using a hand auger or by direct push technology, but an adequate description of sample collection and handling techniques or chain of custody procedures were not provided as required by §391-3-19-.06(3)(b)(3)(2)(iv)(I) and (III) of the Rules. All future sampling records should include a description of the equipment and procedures used to collect samples, (i.e. for VOC analysis, encore sampler or other Method 5035 compatible container) and any field analysis such as soil vapor analyzers/ detectors if applicable.

5. Three (3) additional monitoring wells (OW-6, OW-7, and OW-9) were installed as requested in EPD's letter dated February 6, 2004 to define the lateral extent of VOCs in groundwater, and a fourth well, monitoring well OW-8D, was installed to provide vertical delineation. Based on the data provided, VOCs have not been delineated to background concentrations west of OW-6 and vertically at OW-8D as required by §391-3-19-.06(3)(b)(3) of the Rules. As noted above, please collect samples from all monitoring wells and sample for VOCs per EPA Method 8260B to evaluate current groundwater conditions and delineation status. EPD is not requesting the installation of additional monitoring wells *at this time*, but that does not preclude Mohawk Industries from installing additional monitoring wells as needed, based on the current sample results, to delineate VOCs to background concentrations.

6. According to the Response, groundwater samples were collected with a peristaltic pump using low flow methods. EPD noted sample collection data sheets were provided for some of the AES analytical data; however, field-sampling records did not provide the information necessary for EPD to confirm that sampling methods were conducted in accordance with standard protocols. Pursuant to §391-3-19-.0693)(b)(3)(iv) of the Rules, please ensure that field sampling records in future submittals include references to the following information at a minimum, dependent upon the purging/sampling technique used:

    a. Detailed information regarding groundwater sampling equipment and procedures should be provided for each sampling event. Information should include type of pump and tubing used to purge the monitoring wells and a detailed description of the sampling method (example: "straw method" for VOCs).

    b. For low-volume sampling, the pump should *always* be carefully placed mid-way in the screened interval with minimum disturbance to the well. The depth of the pump intake should be noted on the field form for each monitoring well.

    c. Water level measurements should be periodically collected and recorded along with field parameters to ensure minimal drawdown, and that the rate of water withdrawal does not exceed the recharge rate of the well.

    d. The amount of water purged between analyses of field parameters (pH, specific conductance, dissolved oxygen, temperature, and oxidation reduction potential) should be adequate to assess any trends that may be occurring in the field parameters.

    e. Stability of the purge water should be indicated by field parameters showing no increasing or decreasing trends for three successive readings in a row.

    f. The final turbidity reading should be below "10 NTUs".

7. §391-3-19-.06(6)(3)(b)(v) of the Rules requires a description of groundwater monitoring well locations and their installation and construction methods. Footnote #6 provided in Comment 5 of the Response indicates monitoring wells OW-8D and OW-9 were not surveyed prior to delivery of the Response; consequently, well completion details (i.e. top of casing (TOC) elevations) were not provided. Additionally, it appears that boring logs and well construction logs have not been provided for monitoring wells OW-6, OW-7, OW-8D, or OW-9. Please provide these logs and revise Table 5 of the July 2002 CSR to include well completion details for the referenced monitoring wells. Each well's surface reference point and TOC elevation should be shown on a map pursuant to §391-3-19-.06(6)(3)(b)(v)(I) of the Rules.

8. Based on the May 25, 2005 Analytical Environmental Services, Inc. (AES) analytical data report, benzene was not detected in groundwater above the method detection limit (MDL) in the vicinity of former well TW-4, and selenium was not detected at concentrations above the MDL in the vicinity of TW-2, TW-3, and TW-11. Therefore benzene and selenium are not considered to be chemicals of concern at the site.

9. According to Comment 11 of the Response, Mohawk has decided to utilize the Type 1/3 RRS for the subject site. The Type 1 and 3 RRS for soil and groundwater presented in Table 1 and Table 2, respectively, are approved for use with the exception of cis 1,2-dichloroethene (cis 1,2-DCE) in groundwater. EPD has incorporated the EPA maximum contaminant level (MCL) of 70 µg/L as the Type 1 RRS for groundwater. The value of 1,000 µg/L provided in Table 2 is the approved Type 4 RRS. Note that the Type 1 and Type 3 RRS for soil are *equal* for the VOCs presented in Table 1. While Mohawk may certify to any applicable RRS approved for the property, remediation of the site to residential standards

would prevent ongoing monitoring/ reporting requirements following cleanup and certification of the property.

10. Mohawk provided concentrations in soil (for Type 4 RRS) that are protective of groundwater. EPD did not review the values, as they are not relevant to the Type1/3 RRS that Mohawk has selected for certification of compliance. Should Mohawk decide to propose Type 2 /4 RRS, please note the following:

    a. Pursuant to the adoption of amendments to the Rules, the hierarchy for the selection of toxicity factors has been changed to the following. Since the EPA Regional Screening Level (RSL)[1] table follows a similar hierarchy, for risk assessment purposes, toxicity factors should be obtained from that table:
        1. IRIS
        2. PPRTVs
        3. Other peer-reviewed values

    b. Please also note that EPD's preferred hierarchy for chemical-specific parameters (e.g. K_{oc}, K_d, H) is:
        1. RSL Table[1]
        2. Soil Screening Guidance Technical Background Document[2]
        3. Superfund Chemical Data Matrix (SCDM)[3]

11. EPD noted that 1,1,2-trichloroethane (1,1,2-TCA) and 1,2-dichloroethane (1,2-DCA) were not included in some sample analysis and were omitted from Table 1 and Table 2 of the Response, while vinyl chloride (VC) was added. As these regulated substances were detected above Type 1/3 RRS in previous site investigations, and to ensure proper documentation of regulated substances in soil and groundwater at the site, please include 1,1,2-TCA, 1,2-DCA, and VC in all future soil and groundwater sample analysis and result summaries.

12. Figures 1 through 5 do not adequately address Comment 7 of the Response. Please note the following:

    a. Figure 2: Isoconcentration lines are extrapolated and do not intercept data points with concentrations at or below background pursuant to the Rules. Please revise the figure so that isoconcentration lines intercept data points at concentrations that are at or below background concentrations to depict the horizontal extent of contamination.

    b. Figure 3: Please ensure that the former dye sump/drain field source area and any other potential source areas are shown on Figure 3 and any newly generated cross sections.

    c. Figure 4: The potentiometric map should include all wells and water elevations should be measured during each monitoring event.

13. Pursuant to §391-3-19-.06(3)(b)(2)(vii) of the Rules, the CSR must include a narrative and tabular summary of all pertinent field data and the results of all final lab analyses that are supported by sufficient QA/QC control data to validate the results. A number of samples were noted in the AES analytical data that do not appear in Table 1. Please review lab data

1 EPA Regional Screening Tables: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration _table/Generic_ Tables/index.htm.
2 EPA Soil Screening Guidance (2002): http://www.epa.gov/superfund/health/conmedia/soil/index.htm.
3 EPA SCDM: http://www.epa.gov/superfund/sites/npl/hrsres/tools/scdm.htm.

to ensure all sampling data is tabulated as required by the Rules. The following errors/omissions were noted in the tables. Please make corrections as warranted and tabulate all historical analytical data collected at the site.

a. ESN groundwater data (May 13, 2002) is not tabulated, but the soil data was posted to Table 1,

b. AES data (July 16, 2002): The only data tabulated was for location MWW-1,

c. AES data (Feb. 4, 2003):Sample GW-020403-DJB-004 was not posted to Table 2,

d. AES data (June 25, 2003): Samples MW-04 and OW-1D were not tabulated,

e. AES data (May 15, 2002): Sample BH-7 was not posted to Table 2,

f. AES data (August 19, 2004): The method detection limits were elevated for monitoring wells OW-1 and OW-4, and

g. Please provide a sample key for AES data July 16, 2002 and March 4, 2004, as they were not provided in the Response.

14. A number of laboratory accreditations appear to have expired at the time the samples were analyzed (i.e. AES data, May 25, 2005: NELAC lab cert. expired. 4/30/05 and AES data, July 16, 2002:NELAC lab cert expired on June 30, 2002). A laboratory certification should be provided for all sample media that includes the name of the laboratory, name of the accreditor, accreditation ID number, scope of accreditation, and effective expiration dates of accreditation. Please ensure that all criteria are met pursuant to Chapter 391-3-26 of the Rules for Commercial Environmental Laboratories for all future data analyzed for the subject site or EPD may not be able to accept the data.

15. EPD now requires submittal of electronic documents for documents exceeding 25 pages in length. Please provide one (1) paper and two (2) compact disk copies of all future reports/ correspondence exceeding 25 pages, as indicated in the enclosed document submittal format memorandum.

EPD concurs with the compliance certification that this site is not in compliance with the RRS found in §391-3-19-.07 of the Rules. Therefore, please submit, by no later than May 1, 2011, a soil CAP and a CAP or CMP for groundwater that describe the corrective actions necessary to achieve or maintain compliance with applicable RRS and address the comments listed above. It is permissible to combine the soil CAP and groundwater CAP/ CMP into one document. If you have any questions regarding this matter, please contact Ms. Antonia Beavers of the Response and Remediation Program at 404/ 657-8600.

Sincerely,

Jason Metzger
Acting Unit Coordinator
Response and Remediation Program

Encl: Document Submittal Format Memorandum
c: Rob Williamson, Diamond Rug and Carpet Mills
Bob Pyle, Conestoga-Rovers & Associates

File: HSI Site 10534
S:\RDRIVE\ANTONIA\DIAMONDR\Diamond RugCSRNODNov2010.doc

Response and Remediation Program
Document Submittal Format

All documents more than 25 pages in length shall be submitted as one paper copy and two compact disc (CD) copies with the documents in searchable (i.e., tagged) Portable Document Format (PDF). A signed certification page must be included in the CD copies. The certification page states that the electronic copy is complete, identical to the paper copy, and virus free.

All documents currently in electronic format should be converted into the searchable PDF format. All documents not available electronically and pages that contain signatures, initials, or other information not in the electronic copy should be scanned into a searchable PDF format including the signed certification page. Scanning should be at 200 dpi with any documents requiring color being scanned in color.

The document should be broken down into multiple searchable PDF files along the following guidelines with the file name referenced in the table of content.

Table of Contents
Signature / Certification pages
Main body of document
Each Attachment (Appendices, Tables, Figures, Reports, etc.)

The CDs shall be enclosed in a jewel case. The CD shall be labeled with the following information written on the CD in indelible ink or affixed to the CD with an adhesive CD label.

Site Name
Site Address
HSI Number
City
County
Document Name
Document Date

GaiaTech

3343 Peachtree Road NE Suite M-20A • Atlanta, GA 30326

via Federal Express

April 26, 2011

Ms. Antonia Beavers
Georgia EPD
Response and Remediation Program
2 Martin Luther King Drive
Suite 1462
Atlanta, Georgia 30334

Re: ***Groundwater and Limited Soil Sampling Results for Mohawk Industries, Inc.***
Eton Georgia Site
HSI Site Number 10534

Dear Ms. Beavers;

GaiaTech, Inc. (GaiaTech) on behalf of Mohawk Industries is pleased to present this report detailing the results of the March 16th, 2011 sampling event as part of the HSI investigation for the Mohawk Industries Eton Plant located in Eton, Georgia.

Based on the November 9, 2010 letter from the Georgia Environmental Protection Division (EPD) an additional groundwater sampling event was required to determine whether a compliance monitoring plan (CMP) can be submitted to EPD in lieu of a groundwater corrective action plan (CAP).

Based on a conversation with EPD on February 16th, it was agreed that six existing monitoring wells would be sampled. These are OW-1, MWW-1, OW-2, OW-6, OW-8, and OW-9

In addition, EPD suggested that additional soil samples be collected. EPD indicated that if results of the additional soil samples suggested low levels of contaminants in soils at the site, then no further action may be a possible course of action. Based on EPD's response letter dated November 9, 2010 it appears that the areas of concern are the dye sump and the septic drain field areas. Based on the sample results shown in the soil analysis map dated 2005 we recommended collecting additional samples at 2 and 4 feet deep to show that soil contaminant concentrations have decreased in those areas.

Site Activities

GaiaTech visited the site on March 16, 2011 to perform a sampling event as outlined in GaiaTech's scope of work dated February 17th, 2011.

To evaluate the groundwater, groundwater monitoring wells (OW-2, OW-6, OW-8D, OW-9 and MWW-1) were sampled for analysis of volatile organic compounds (VOCs) that included 1,1-dichlorethene, 1,1-dichloroethane, cis-1,2-dichlorethene, tetrachloroethene, trichloroethene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,2-dichloroethane, and vinyl chloride.

To evaluate the VOC levels in the soil, GaiaTech collected soil samples from 2 and 4 foot depths near former soil sample locations BH-1, BH-14 and BH-16. These three locations historically contained

VOCs, primarily tetrachloroethene, at significant levels. Samples were collected using EPA Method 5035 and analyzed using EPA Method 8260B for VOCs. The compounds of concern are identical to the compounds for groundwater listed above. All work was done in accordance with the EPA Region 4's Field Branches Quality System and Technical Procedures (FBQSTP).

Groundwater Sampling Methodology

The field activities for the monitoring well sampling event were as follows for each well sampled:

The well cap was opened, plastic sheeting was put down on the ground around the well, and the well was allowed to reach equilibrium. Groundwater level was gauged using an electric water level indicator. The well was then purged using a low-flow sampling technique. This technique employed a peristaltic pump with dedicated silicone (within the pump) and Teflon-coated polyethylene tubing (placed in the well) to minimize disturbance of the filter pack and thus reduce the turbidity. The tubing was initially placed about midway in the screen. Water was pumped through a flow cell that allowed continuous monitoring of water quality using a Horiba U-22 water quality meter. Water quality parameters were recorded at approximately 10-minute intervals during purging. These parameters were included on water sampling logs presented as Attachment A. Water quality was monitored for pH, temperature, conductivity, dissolved oxygen (DO), turbidity, and Oxidation Reduction Potential (ORP). The primary goal of the water quality monitoring was to achieve levels of turbidity of less than 10 NTUs; stable temperature; constant pH (within 0.250 between readings); and no more than a ten percent variance in specific conductance. Once these water quality levels were achieved, groundwater samples were collected, placed in laboratory provided sampling containers, and labeled. They were then immediately placed on ice pending laboratory analyses.

No water sample was collected from OW-1 since it was essentially dry. The water level was approximately 18.59 feet and the well depth was 19.9 feet. There was a purple colored fluid in this well, which is indicative of the potassium permanganate injections that were performed in 2002 and 2003. Once approximately 200 ml of this fluid was removed, the well did not recover and remained dry for the duration of the sampling activities. Groundwater samples were collected from the other five wells.

For quality assurance, one field blank was prepared by donning new latex gloves and pouring de-ionized water obtained from the lab into two 40-ml vials while sampling was taking place at the facility. The vials were placed in the cooler with the other samples. One trip blank was prepared at the lab, kept in the same cooler as the groundwater samples, and processed for quality control.

The sample containers were shipped to Advanced Chemistry Laboratories, a NELAP certified laboratory, in Atlanta, Georgia for analysis of the target VOCs by EPA Method 8260B.

Soil Sampling

Soil samples were collected at three different locations within the former dye sump and associated drain fields. These samples were collected at previously sampled locations to provide a comparison of soil conditions from approximately 2006 and March 2011, and to evaluate whether contaminant concentrations have decreased. Sampling locations were determined by measuring the distances of three former sample locations BH-1, BH-14 and BH-16 as shown on Figure 1 of the CSR. GaiaTech then measured these distances in the field and flagged them. Since there were no physical markers showing the locations, the exact sample locations could not be duplicated, but are in the same area as the previous samples and represent the soils within the septic system area.

A stainless steel hand auger was used to advance to depths of 2 feet and 4 feet for collection of soil samples. Soil samples were collected using EPA Method 5035 to ensure retention of volatiles and placed in three 40-ml vials preserved with methanol, sodium bisulfate, and reagent-grade water.

The auger was cleaned between sample locations with an alconox soap solution, followed by de-ionized water, followed by isopropanol rinse and then allowed to air dry. For quality control one duplicate sample was collected at BH-14.

After samples were collected, boreholes were re-filled with cuttings. Gravel was then placed over the holes to match the existing grade.

Groundwater Analytical Results

Groundwater at the site has shown some small improvements in water quality. The total amount of VOCs detected in the previous sampling event was 93 µg/l of VOCs in OW-2, OW-6, OW-8D, OW-9 and MWW-1. The latest sampling event showed 85 µg/l of total VOCs. On an individual well basis, OW-2, OW-6, and OWW-1 showed some improvement in water quality based on the total amount of VOCs detected. Only OW-8D showed higher VOC concentrations for this latest sampling event. VOC levels in samples collected from OW-9 remained the same (all non-detect for the compounds of concern.) A summary of the analytical results is shown in Attachment B.

Graphs in Appendix C indicate the improvement in water quality since sampling began at the site in May, 2002.

In terms of the HSRA Type 1/3 Risk Reduction Standards (RRS), the previous events contained 3 exceedances and the latest sampling event also contained 3 exceedances.

Groundwater Hydraulic Analysis

Groundwater levels were measured using an electronic water level meter on March 16th and again on March 25th. The March 25th water levels were used to create a groundwater flow direction map. Wells OW-2, OW-9 and MWW-1 were used to create this map which shows the general flow direction around the former dye sump and associated drainage lines. GaiaTech notes that the interpreted direction of groundwater flow is limited due to the limited number of groundwater level measurements in the upper water bearing zone used to prepare the map. Groundwater wells OW-6 and MW-8D were not used to prepare this map since they are 14 to 27 feet deeper than the other wells measured during this event.

Attachment D shows the TOC elevations, the water depth from top of casing, and resulting water level relative to mean sea level. Water level potentiometric lines are shown on the figure indicating that the groundwater flows in a southeasterly direction. This is consistent with the flow direction stated in the CSR based on 2002 water level measurements.

Based on the hydraulic calculations in the CSR dated July 2002, groundwater movement is slow at the site. The hydraulic gradient in the area sampled is roughly 0.10 ft/ft (10 percent). The average hydraulic conductivity in the samples (based on measurements at OW-1 and OW-4) is 4.8×10^{-5} cm/second, which is typical for a silty-clay mixture. Using Darcy's law and an effective porosity of 0.40 (typical value for a silty clay), the resulting average linear velocity is on the order of 12.5 feet per year. Note that this is not the actual rate of contaminant movement, but of the groundwater velocity itself. The compounds within the groundwater are likely to move at a much slower rate due to retardation within the subsurface formation.

This slow rate of movement should prevent any contaminants from moving off site within the shallow water bearing zone. The analytical data illustrates this point. The hydraulically upgradient OW-6 contained 28 µg/l of target VOCs. OW-2, about 70 feet downgradient of OW-6, contained 6 µg/l of target VOCs. MWW-1, which is downgradient of both OW-6 and OW-2, contained no detectable target VOCs.

The presence of target VOCs in OW-8D indicates that a deeper water bearing zone has been impacted. The vertical hydraulic gradient between OW-2 and OW-8D indicates a downward hydraulic gradient.

Soil Analytical Results

Additional soil samples were collected at three points (BH-1, BH-14, BH-16) which had previously exhibited relatively high levels of contamination. The soil samples collected in March 2011 showed significantly lower concentrations of target VOCs than during previous soil sampling conducted in 2002 and 2004. Typically, the analytical results for March 2011 were several orders of magnitude lower than for the previous 2002 or 2004 sampling events.

Target analytes analyzed during this sampling event from BH-1, BH-14 and BH-16 did not exceed any Type 1 or Type 3 RRS. The highest detection was 51 µg/l for tetrachloroethene at BH-16 at a depth of 4 feet. There were four detections of tetrachloroethene and one detection of 1,1-dichloroethene during this event. A summary of the analytical results are shown in Attachment B.

Soil treatment was previously conducted in the area of the former dye sump and gravel drain field. Shallow soils (upper 10 feet) were treated in two phases: the first in December 2002 and the second in April 2003. The treatments coupled with natural degradation appear to have reduced contaminant concentrations significantly.

Graphs showing the trends in contaminant concentrations are included in Attachment C.

Conclusions and Recommendations

Groundwater samples collected during this event showed an overall decrease in contaminant concentrations. Three of the wells, OW-2, OW-6, and MWW-1, showed lower total VOC concentrations than at least one previous event. One well, OW-9 remained non-detect for all VOCS. One well, OW-8D, showed a slight increase in total VOC concentration. However, the analyses from the five wells contained only three chemicals which exceeded the HSRA Type 1/3 RRS. Two of the three only exceeded the standard by several parts per billion.

GaiaTech recommends that the site prepare a compliance monitoring plan (CMP) in lieu of conducting groundwater corrective action for the following reasons:

1. The extent of the shallow groundwater bearing plume is known and represented by OW-3 to the north, OW-4, OW-7 and MWW-1 to the east, and OW-5 and OW-9 to the south. The only area that may be considered indeterminate is to the west, as OW-6 contained detectable levels of three target VOCs. Assuming that OW-6 is approximately the western boundary of the plume, the area of contamination as determined by wells showing non-detect for total VOCs is at most 200 feet by 120 feet
2. The rate of groundwater movement at the site is only about 15 feet per year. This minimizes the potential for the plume to move off site.
3. There are no nearby groundwater receptors based on a water well survey from 1999 (included in

Appendix E of the July 2002 CSR.)

4. There are no surface water receptors that would be impacted by the plume (detailed in Section 5.2.2 of the July, 2002 CSR.)

GaiaTech also recommends that additional soil sampling be conducted to establish the extent of contamination as required by 391-3-19-.06(3)(b)(3)(2). This would require two or three borings placed to the east of BH-17 and to the south of BH-18. The extent of contamination has been established on the north side of the impacted soils by BH-4 and BH-6, to the southeast by BH-3 and BH-2 and to the east by the newly sampled BH-14. Once the extent of contamination is known, the site should meet Type 1 risk reduction standards. Based on these soil conditions we would request that no further action status be granted for soils the site.

Sincerely,

GaiaTech Incorporated

David S. Buchalter

David Buchalter, P.E.
Environmental Engineering Manager

Enclosures: Attachment A – Groundwater Sampling Logs
Attachment B – Groundwater Analytical Table
Soil Analytical Table
Attachment C – Trend Graphs
Attachment D – Figures
Attachment E – Analytical Results

ATTACHMENT A – GROUNDWATER SAMPLING LOGS

GaiaTech
Groundwater Sampling Log

Site Name: Eton Site		Site Location: Eton, Georgia
Well No. OW-2	Sample ID: OW-2	Date: 03/16/11

Purging Data

Well Diameter (in): 1	Total Well Depth (feet): 22.90	Static Depth to Water (feet): 14.21	Well Capacity (gal/ft): 0.04

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth to Water) x Well Capacity
(22.9 feet –14.21 feet) x 0.04 =0.35 gallons, 1.3 liters

Time	Volume Purged (liters)	Purge Rate (gpm)	Depth To Water (ft)	PH (standard units)	Temp (°C)	Cond. (umhos/cm)	DO (mg/L)	Turb. (NTU)	ORP (mv)	Color (describe)	Odor (describe)
1050	0										
1100	2	0.20	14.21	4.52	16.1	0.340	6.00	731	486	Red	None
1110	3	0.10		4.67	16.2	0.327	7.03	219	497	Lt Red	None
1120	3	0.10		4.55	15.8	0.320	7.35	80.7	494	Clear	None
1130	4	0.10		4.58	15.9	0.308	9.08	44.1	476	Clear	None
1150	5	0.05		4.85	15.1	0.295	10.38	20.4	444	Clear	None
1200	5.5	0.05	~20	5.08	15.0	0.289	7.56	12.0	406	Clear	None
1210	6	0.05		5.13	14.9	0.285	7.40	8.9	389	Clear	None

Sampling Data

Sampled By (Print) / Affiliation: David Buchalter/ GaiaTech	Sampler(s) Signatures: David S. Buchalter	
Sampling Method: peristaltic pump	Sampling Initiated: 1100	Sampling Ended 1210
Field Decontamination: N	Field –Filtered: N	Duplicate: N

Sample Container Specification				Sample Preservation			Intended Analysis and/or Method
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Vol Added in Field (mL)	Final Turbidity	
OW-02	2	CG	40 mL	HCL	40	8.9	VOCs

Remarks: Bottom of tubing placed about 20 feet below TOC

Material Codes: AG = Amber Glass CG = Clear Glass HDPE = High Density O = Other

GaiaTech
Groundwater Sampling Log

Site Name: Eton Site		Site Location: Eton, Georgia
Well No. OW-6	Sample ID: OW-6	Date: 03/16/11

Purging Data

Well Diameter (in): 1	Total Well Depth (feet): 42.90	Static Depth to Water (feet): 31.99	Well Capacity (gal/ft): 0.04

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth to Water) x Well Capacity
(42.9 feet –31.99 feet) x 0.04 =0.55 gallons, 2.12 liters

Time	Volume Purged (liters)	Purge Rate (gpm)	Depth To Water (ft)	PH (standard units)	Temp (°C)	Cond. (umhos/cm)	DO (mg/L)	Turb. (NTU)	ORP	Color (describe)	Odor (describe)
1710	0										
1720	1	0.10	31.99	6.24	16.3	0.363	7.18	55	240	Clear	None
1730	2	0.10		6.13	16.4	0.340	6.90	28	220	Clear	None
1740	3	0.10		6.21	16.5	0.331	6.82	14	210	Clear	None
				Went Dry							

Sampling Data

Sampled By (Print) / Affiliation: David Buchalter/ GaiaTech	Sampler(s) Signatures: David S. Buchalter	
Sampling Method: peristaltic pump	Sampling Initiated: 1710	Sampling Ended 1815
Field Decontamination: N	Field –Filtered: N	Duplicate: N

Sample Container Specification				Sample Preservation			Intended Analysis and/or Method
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Vol Added in Field (mL)	Final Turbidity	
OW-06	2	CG	40 mL	HCL	40	14	VOCs

Remarks: Tubing initially placed about 39 feet below TOC, but lowered to 42.9 when well went dry

Material Codes: AG = Amber Glass CG = Clear Glass HDPE = High Density O = Other

GaiaTech
Groundwater Sampling Log

Site Name: Eton Site		Site Location: Eton, Georgia
Well No. OW-8D	Sample ID: OW-8D	Date: 03/16/11

Purging Data

Well Diameter (in): 1	Total Well Depth (feet): 49.20	Static Depth to Water (feet): 28.60	Well Capacity (gal/ft): 0.04

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth to Water) x Well Capacity
(49.2 feet –28.66 feet) x 0.04 =0.82 gallons, 3.13 liters

Time	Volume Purged (liters)	Purge Rate (gpm)	Depth To Water (ft)	PH (standard units)	Temp (°C)	Cond. (umhos/cm)	DO (mg/L)	Turb. (NTU)	ORP (mv)	Color (describe)	Odor (describe)
0930	0									Clear	None
0940	2	0.20	28.66	4.17	16.0	0.769	4.32	20	608	Clear	None
0950	4	0.20		4.03	15.9	0.990	3.87	10	620	Clear	None
1010	6	0.20		4.02	15.8	0.233	2.99	5	598	Clear	None
1020	7	0.20		3.82	15.5	0.221	2.38	4	605	Clear	None
1025			~35	3.84	15.4	0.221	2.39	4	602	Clear	None

Sampling Data

Sampled By (Print) / Affiliation: David Buchalter/ GaiaTech	Sampler(s) Signatures: David S. Buchalter

Sampling Method: peristaltic pump	Sampling Initiated: 0930	Sampling Ended 1025
Field Decontamination: N	Field –Filtered: N	Duplicate: N

Sample Container Specification				Sample Preservation			Intended Analysis and/or Method
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Vol Added in Field (mL)	Final Turbidity	
OW-08D	2	CG	40 mL	HCL	40	4	VOCs

Remarks: End of tubing was placed about 45 feet from TOC. Well produced adequately

Material Codes: AG = Amber Glass CG = Clear Glass HDPE = High Density O = Other

GaiaTech
Groundwater Sampling Log

Site Name: Eton Site		Site Location: Eton, Georgia
Well No. OW-9	Sample ID: OW-9	Date: 03/16/11

Purging Data

Well Diameter (in): 1	Total Well Depth (feet): 28.0	Static Depth to Water (feet): 12.86	Well Capacity (gal/ft): 0.04

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth to Water) x Well Capacity
(28.0 feet –12.86 feet) x 0.04 =0.61 gallons, 2.3 liters

Time	Volume Purged (liters)	Purge Rate (gpm)	Depth To Water (ft)	PH (standard units)	Temp (°C)	Cond. (umhos/cm)	DO (mg/L)	Turb. (NTU)	ORP (mv)	Color (describe)	Odor (describe)
1330	0									Cloudy	None
1340	1	0.10	12.86	6.11	16.4	0.373	7.61	135	253	Cloudy	None
1350	2	0.10		6.09	16.8	0.397	6.24	28	248	Clear	None
1400	2.5	0.05		6.22	16.6	0.398	8.42	36	213	Clear	None
1410	3.0	0.05	~25	6.28	16.5	.386	8.32	36	208	Clear	None
					Well was starting to go dry at 1400						

Sampling Data

Sampled By (Print) / Affiliation: David Buchalter/ GaiaTech	Sampler(s) Signatures: David S. Buchalter	
Sampling Method: peristaltic pump	Sampling Initiated: 0330	Sampling Ended 1410
Field Decontamination: N	Field –Filtered: N	Duplicate: N

Sample Container Specification				Sample Preservation			Intended Analysis and/or Method
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Vol Added in Field (mL)	Final Turbidity	
OW-09	2	CG	40 mL	HCL	40	36	VOCs

Remarks: End of Tubing was placed at 25 feet below top of casing, had to lower pump rate substantially to keep from evacuating well completely

Material Codes: AG = Amber Glass CG = Clear Glass HDPE = High Density O = Other

GaiaTech
Groundwater Sampling Log

Site Name: Eton Site		Site Location: Eton, Georgia
Well No. MWW-1	Sample ID: MWW-1	Date: 03/16/11

Purging Data

Well Diameter (in): 2	Total Well Depth (feet): 29.1	Static Depth to Water (feet): 18.48	Well Capacity (gal/ft): 0.16

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth to Water) x Well Capacity
(29.1 feet –18.48 feet) x 0.16 =1.7 gallons, 6.5 liters

Time	Volume Purged (liters)	Purge Rate (gpm)	Depth To Water (ft)	PH (standard units)	Temp (°C)	Cond. (umhos/cm)	DO (mg/L)	Turb. (NTU)	ORP	Color (describe)	Odor (describe)
1510	0									Clear	None
1520	1	0.10	18.48	4.2	16.4	0.672	6.73	42	159	Clear	None
1530	5	0.50		6.27	16.4	0.618	7.26	92	154	Clear	None
1550	7	0.10		6.42	16.2	0.629	6.10	22	144	Clear	None
1610	8	0.10	~27	6.54	16.6	0.644	7.08	18	139	Clear	None

Sampling Data

Sampled By (Print) / Affiliation: David Buchalter/ GaiaTech		Sampler(s) Signatures: David S. Buchalter
Sampling Method: peristaltic pump	Sampling Initiated: 0330	Sampling Ended 1410
Field Decontamination: N	Field –Filtered: N	Duplicate: N

Sample Container Specification				Sample Preservation			Intended Analysis and/or Method
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Vol Added in Field (mL)	Final Turbidity	
MWW-1	2	CG	40 mL	HCL	40	18	VOCs

Remarks: bottom of purging tubing placed about 25 feet below TOC

Material Codes: AG = Amber Glass CG = Clear Glass HDPE = High Density O = Other

ATTACHMENT B – GROUNDWATER ANALYTICAL TABLE AND SOIL ANALYTICAL TABLE

Table 1
Groundwater Analytical Results
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0

Sample Location	Date Collected	Concentration, ug/l									
		1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	1,1,2-TCA	Vinyl Chloride	Total VOCs
HSRA Type 1/3 Risk Reduction Std		**200**	**4000**	**5**	**7**	**1000**	**5**	**5**	**5**	**2**	
OW-2	5/21/2002	ND(5.0)	19		**14**	ND(5.0)	**29**	ND(5.0)		ND(2.0)	62
	2/4/2003	ND(5.0)	13		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	13
	6/25/2003	ND(5.0)	8		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	8
	11/21/2003	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	3/4/2004	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	8/13/2004	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	12/2/2004	ND(5.0)	12		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	12
	3/16/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	6	ND(5.0)	ND(5.0)	ND(2.0)	6
OW-6	8/13/2004	ND(5.0)	22		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	22
	12/2/2004	ND(5.0)	40		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	40
	3/16/2011	ND(5.0)	17	ND(5.0)	6	ND(5.0)	5	ND(5.0)	ND(5.0)	ND(2.0)	28
OW-8D	5/18/2005	ND(5.0)	13		**9**	ND(5.0)	**7**	ND(5.0)		ND(2.0)	28
	3/16/2011	ND(5.0)	9	ND(5.0)	**11**	ND(5.0)	**31**	ND(5.0)	ND(5.0)	ND(2.0)	51
OW-9	5/18/2005	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	3/16/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(2.0)	ND
MWW-1	5/31/2002	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	**32**	ND(5.0)		ND(2.0)	32
	2/4/2003	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	6/25/2003	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	11/21/2003	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	3/4/2004	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)		ND(2.0)	ND
	8/13/2004	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	**13**	ND(5.0)		ND(2.0)	13
	12/2/2004	ND(5.0)	ND(5.0)		ND(5.0)	ND(5.0)	**13**	ND(5.0)		ND(2.0)	13
	3/16/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(2.0)	ND

Notes:

1. ug/l - micrograms per liter
2. ND indicates non-detect. Detection limit shown in parentheses.
3. Results shown in bold indicate exeedance of GA DEP Standards.

Prepared by: CRH Date: 4/8/2011
Reviewed by: DB Date: 4/8/2012

Table 2
Soil Analytical Results
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0

			Boring Location and Depth										
			BH-1, 2 ft		BH-1, 4 ft	BH-14, 2ft		BH-14, 4ft		BH-16, 1-2ft		BH-16, 3-4ft	
Date	**HSRA Type 1 Standard**	**HSRA Type 3 Standard**	**5/13/02**	**3/16/11**	**3/16/11**	**8/12/04**	**3/16/11**	**8/12/04**	**3/16/11**	**8/12/04**	**3/16/11**	**8/12/04**	**3/16/11**
1,1-Dichloroethane	30	400000	ND(5.0)	ND(5.0)	ND(5.0)	4.5	ND(5.0)	ND(4.0)	ND(5.0)	ND(3.7)	ND(5.0)	ND(3.5)	15
cis - 1,2-Dichloroethene	*530*	7000	ND(5.0)	ND(5.0)	ND(5.0)	25	ND(5.0)	ND(4.0)	ND(5.0)	ND(3.7)	ND(5.0)	ND(3.5)	ND(5.0)
1,1,1-Trichloroethane	5440	20000	ND(5.0)	ND(5.0)	ND(5.0)	51	ND(5.0)	6	ND(5.0)	ND(3.7)	ND(5.0)	ND(3.5)	ND(5.0)
Trichloroethene	130	500	ND(5.0)	ND(5.0)	ND(5.0)	43	ND(5.0)	ND(4.0)	ND(5.0)	ND(3.7)	ND(5.0)	ND(3.5)	ND(5.0)
Tetrachloroethene	180	500	**5,190**	20	26	**69,000**	14	**760**	ND(5.0)	260	ND(5.0)	82	51
1,1,2-Trichloroethane	500	500		ND(5.0)	ND(5.0)		ND(5.0)		ND(5.0)		ND(5.0)		ND(5.0)
1,2-Dichloroethane	20	500		ND(5.0)	ND(5.0)		ND(5.0)		ND(5.0)		ND(5.0)		ND(5.0)
1,1-Dichloroethene	360	700	ND(5.0)	ND(5.0)	ND(5.0)	ND(4.4)	ND(5.0)	ND(4.4)	ND(5.0)	ND(3.7)	ND(5.0)	ND(3.5)	ND(5.0)
Vinyl Chloride	40	200	ND(5.0)	ND(10.0)	ND(10.0)	ND(8.8)	ND(10.0)	ND(8.8)	ND(10.0)	ND(7.4)	ND(10.0)	ND(7.1)	ND(10.0)

Notes:

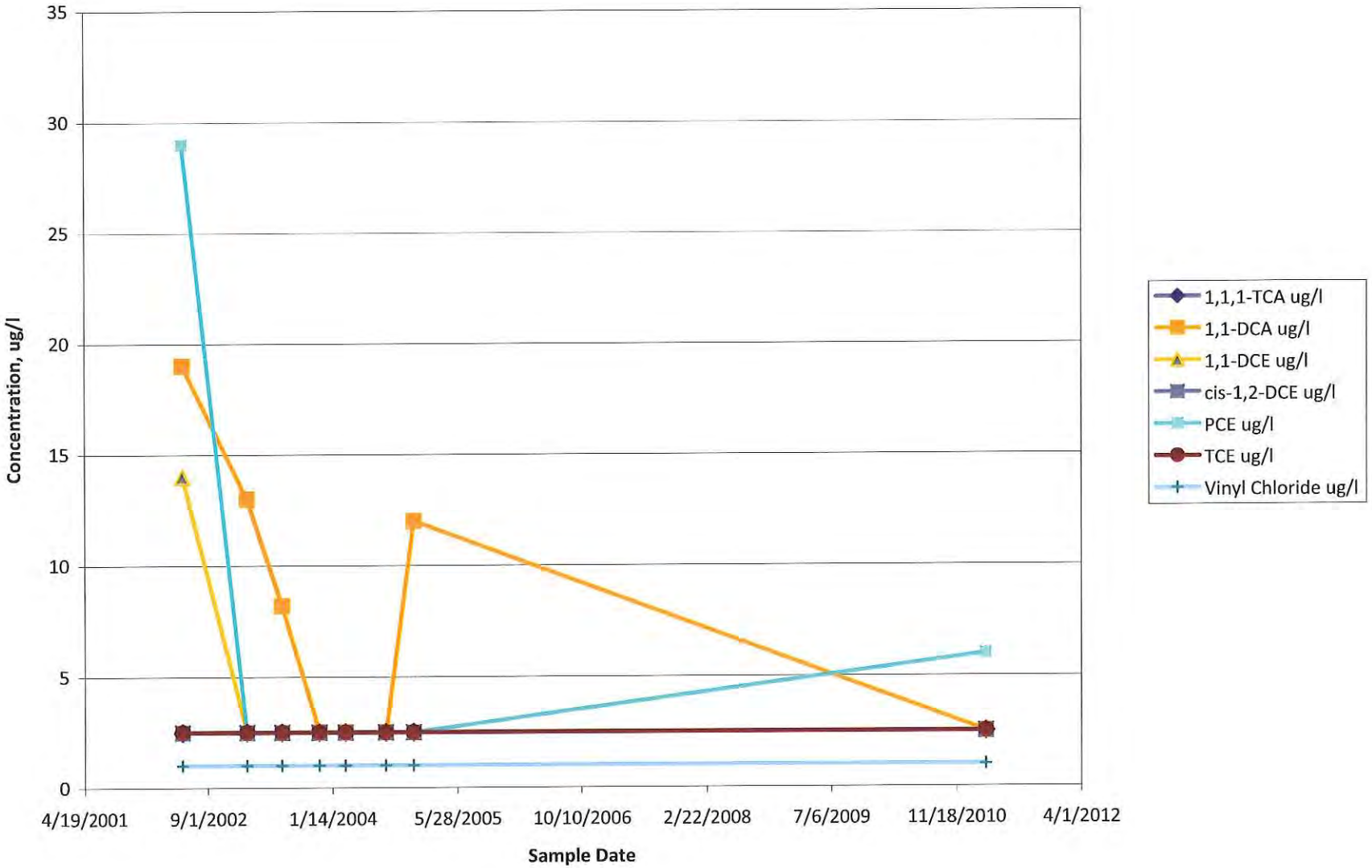
1. All concentrations shown in ug/kg
2. ND indicates non-detect. Detection limit shown in parentheses.
3. Results shown in bold indicate exceedance of GA DEPType 3 Standards. Results highlighted in yellow exceed Type 1 (Residential) Standards
4. All sample results shown for March 16, 2011 sampling event are for samples taken at either 2ft and 4ft depths as shown.
5. Sample results shown for sampling events in 2004 were taken at depths of 2ft and 4ft at BH-14.

Prepared by: CRH Date: 4/8/2011
Reviewed by: DB Date: 4/19/2011

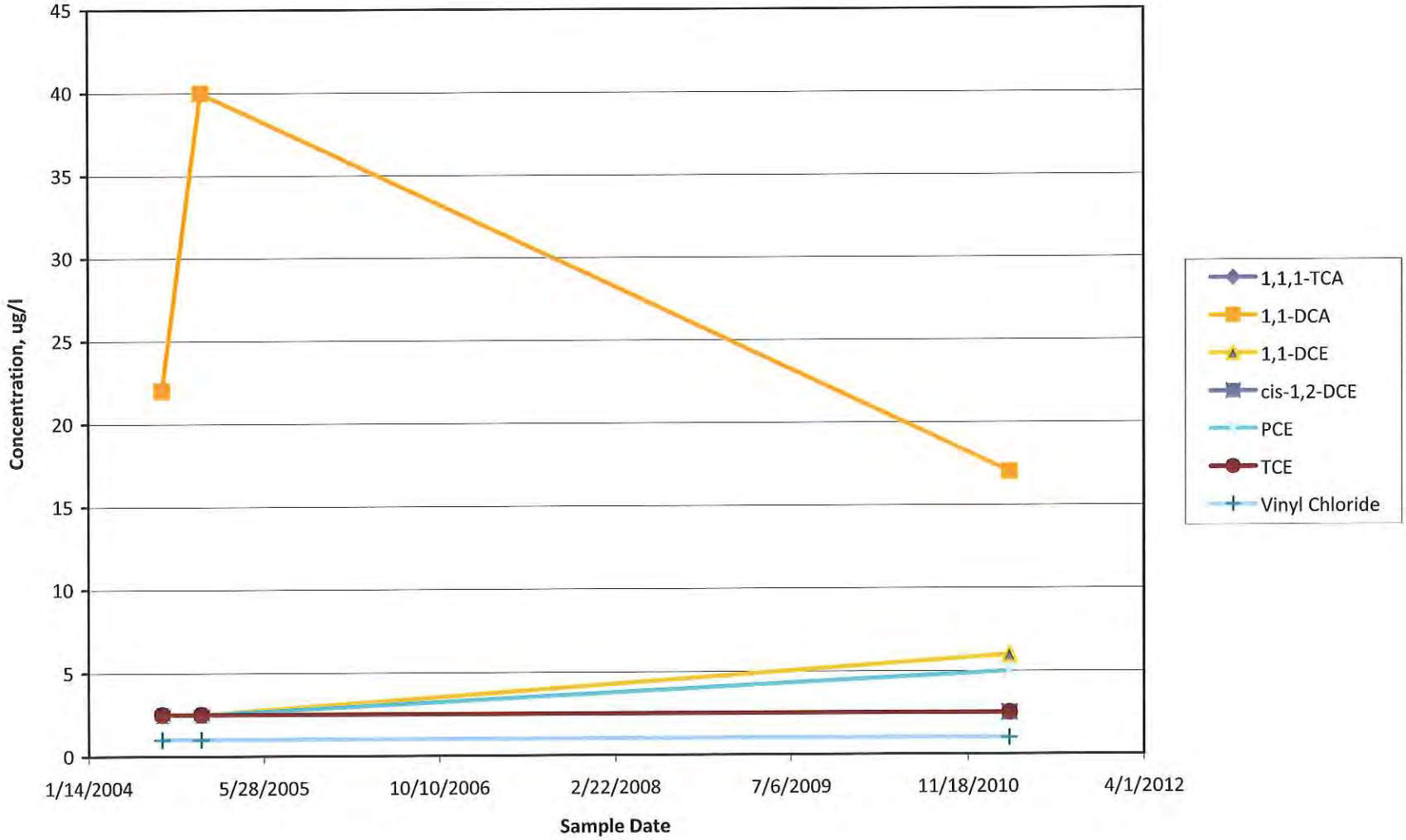
ATTACHMENT C – TREND GRAPHS

re 1

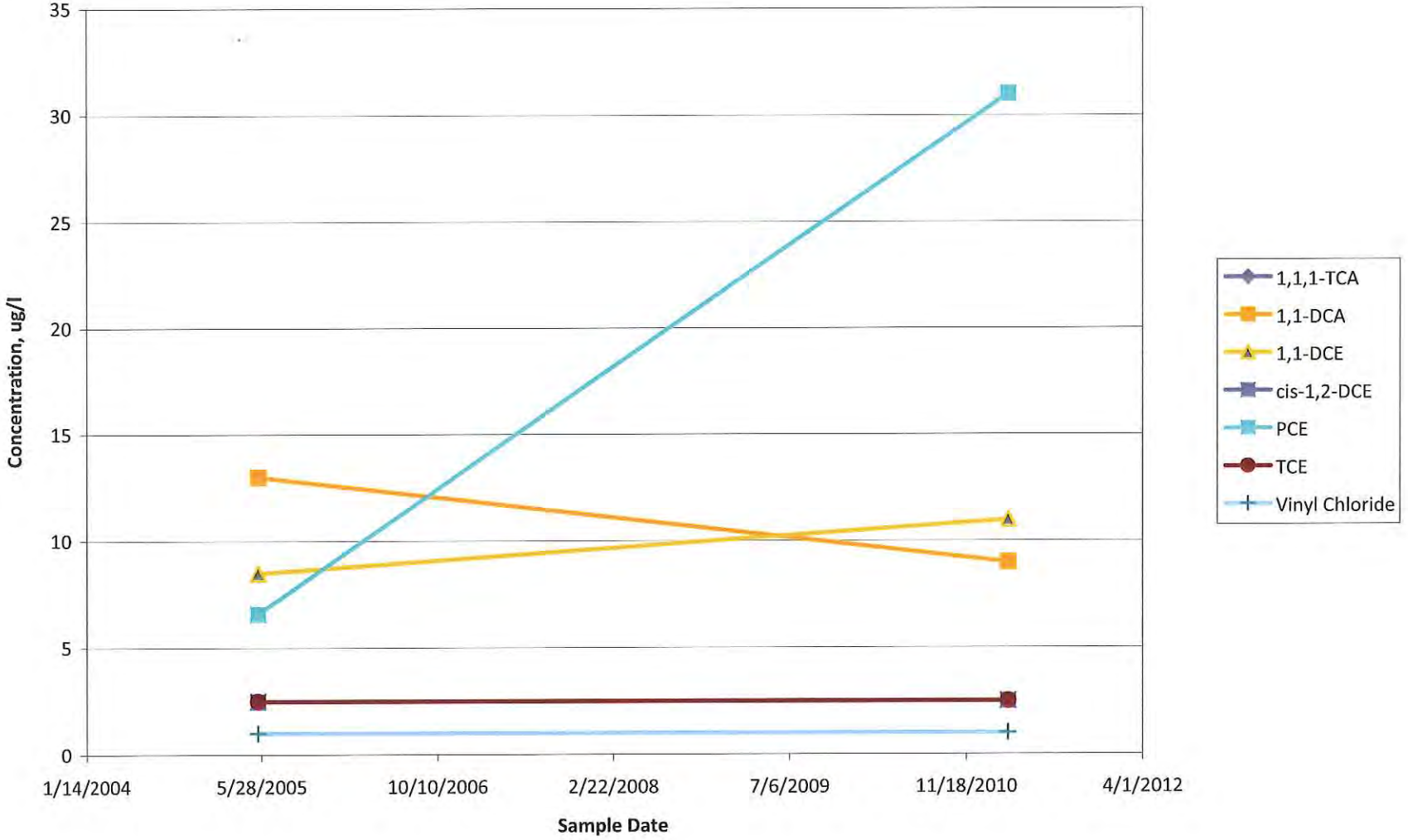
Historical Groundwater Sampling Results
Well OW-2
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0



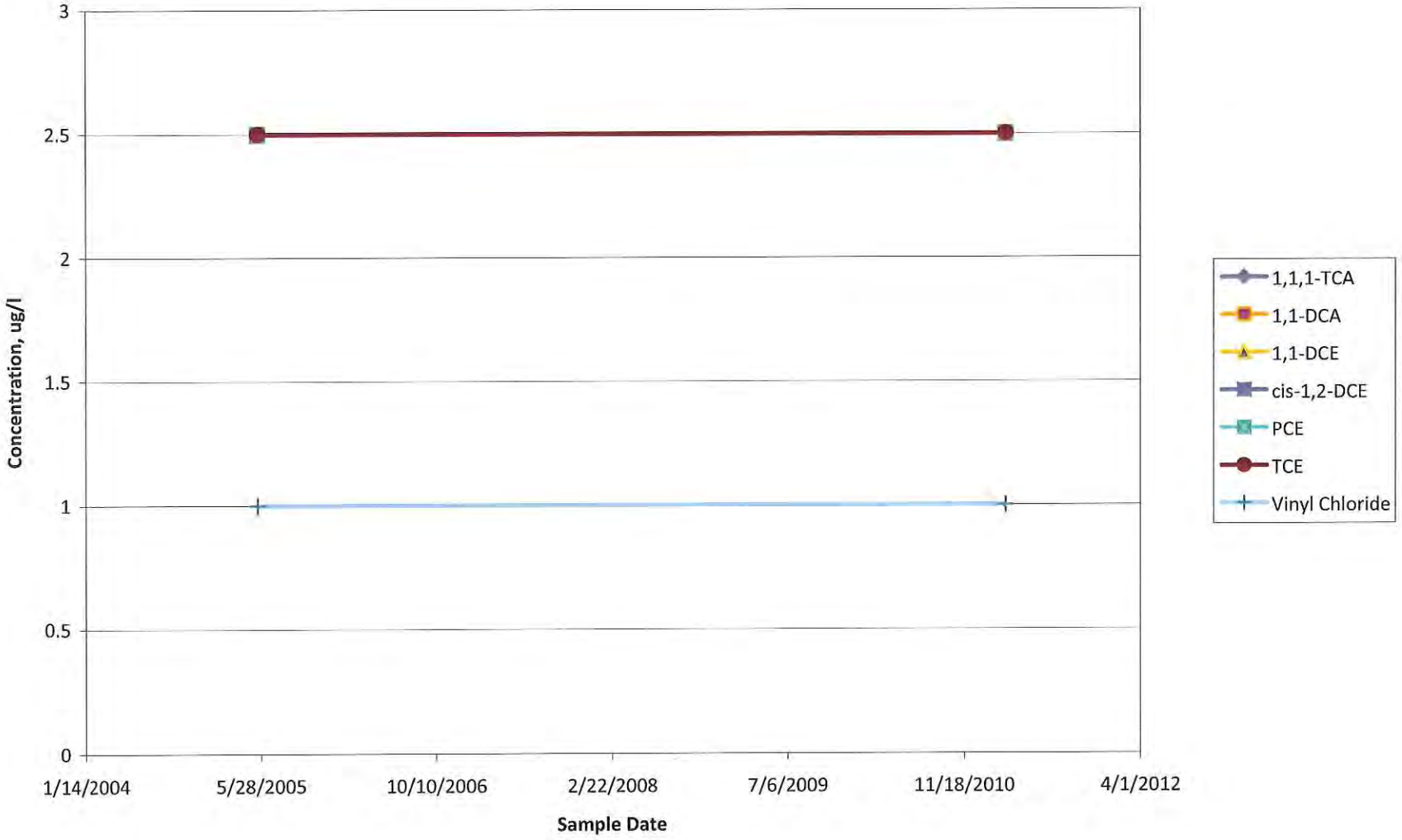
re 2
Historical Groundwater Sampling Results
Well OW-6
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0



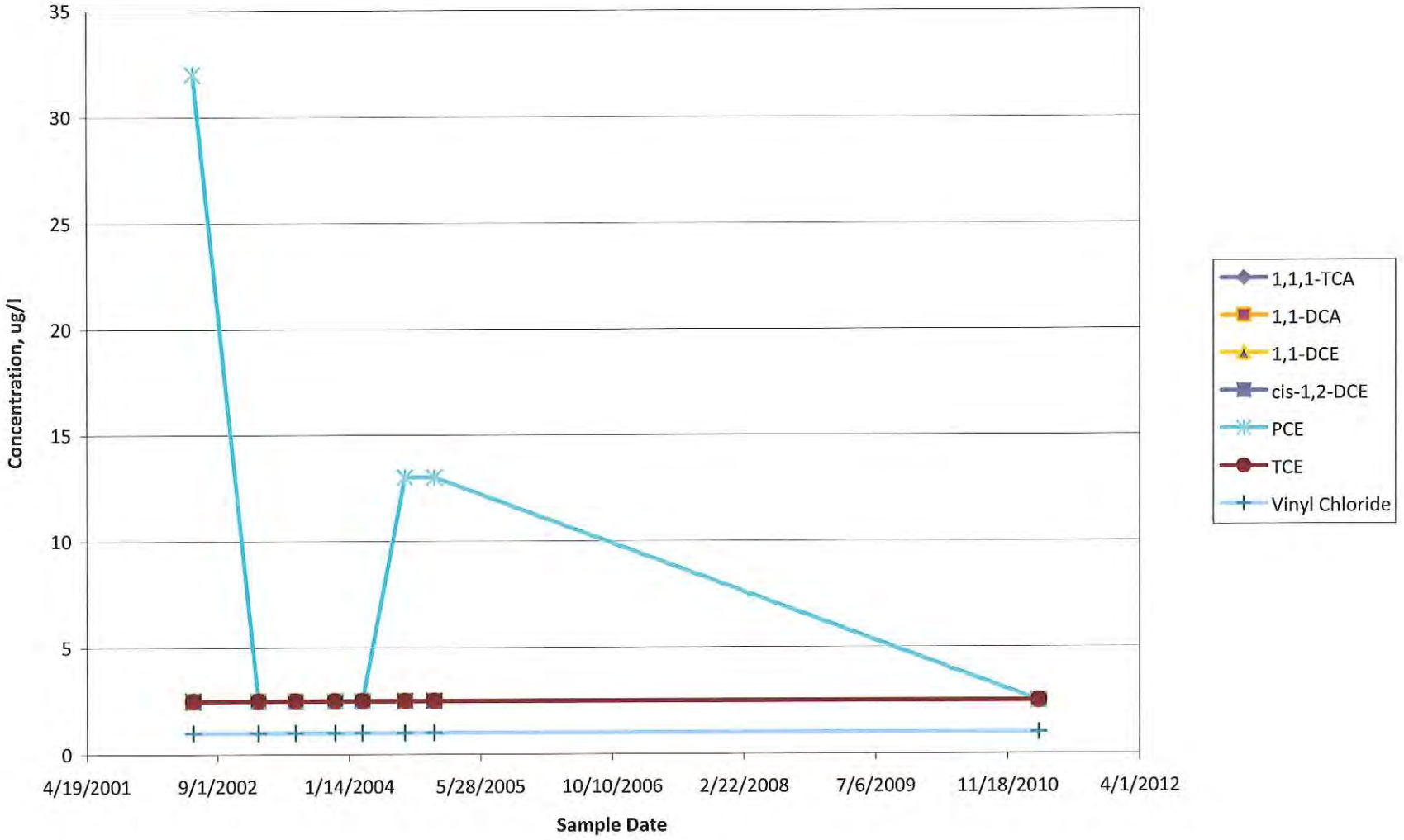
re 3
Historical Groundwater Sampling Results
Well OW-8D
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0



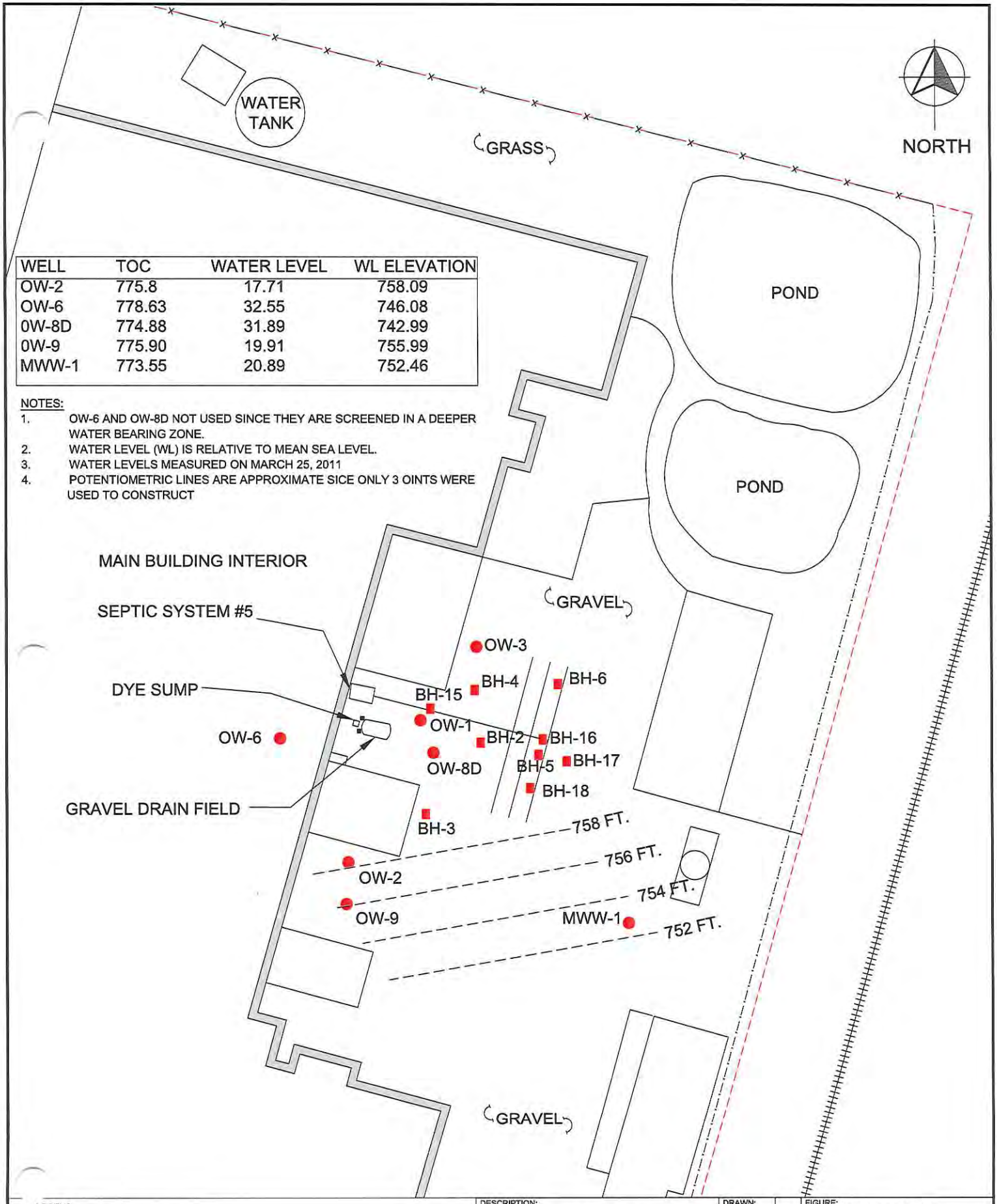
re 4
Historical Groundwater Sampling Results
Well OW-9
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0



re 5
Historical Groundwater Sampling Results
Well MWW-1
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-0



APPENDIX D – FIGURES



WELL	TOC	WATER LEVEL	WL ELEVATION
OW-2	775.8	17.71	758.09
OW-6	778.63	32.55	746.08
0W-8D	774.88	31.89	742.99
0W-9	775.90	19.91	755.99
MWW-1	773.55	20.89	752.46

NOTES:

1. OW-6 AND OW-8D NOT USED SINCE THEY ARE SCREENED IN A DEEPER WATER BEARING ZONE.
2. WATER LEVEL (WL) IS RELATIVE TO MEAN SEA LEVEL.
3. WATER LEVELS MEASURED ON MARCH 25, 2011
4. POTENTIOMETRIC LINES ARE APPROXIMATE SICE ONLY 3 OINTS WERE USED TO CONSTRUCT

LEGEND

- PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- FENCE LINE
- RAILROAD (CL of TRACKS)
- MONITORING WELL LOCATION
- BOREHOLE LOCATION

DESCRIPTION:
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
SUBSURFACE SOIL INVESTIGATION

DRAWN: CRH
SCALE: NTS
DATE: 4/15/11
FILE: B2618-440-0

FIGURE: POTENTIOMETRIC MAP

GaiaTech

ATTACHMENT E – ANALYTICAL RESULTS

ACL

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Laboratory Report

ACL Project #: **61504**

Client Proj #: B2618-440-0 Mohawk Eton

Prepared For:

GaiaTech Incorporated
3343 Peachtree Rd.
Suite M20A
Atlanta, GA 30326-0000

Attention: Mr. Dave Buchalter

Report Date: 03/21/2011

This report contains 11 pages.
(including this cover page and chain of custody)

John Andros
Technical Director

ACCREDITED IN ACCORDANCE WITH

Advanced Chemistry Labs is a woman-owned, small business concern.

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3039 Amwiler Road, Suite 100, Atlanta, GA 30360
P. O. Box 88610, Atlanta, GA 30356

Explanation of Symbols and Abbreviations

Listed below are common symbols and abbreviations typically used in reporting technical data:

PQL	Practical Quantitation Limit	MDL	Method Detection Limit
BQL	Below Quantitation Limit	BDL	Below Method Detection Limit
MPN	Most Probable Number	TNTC	Too Numerous To Count
NTU	Nephelometric Turbidity Units	BTU	British Thermal Units
°C	Degrees Centigrade	°F	Degrees Fahrenheit
µmhos/cm	micromhos/cm	cfu	Colony Forming Unit
DF	Dilution Factor	meq	milliequivalents
kg	kilogram(s)	g	gram(s)
mg	milligram(s)	µg	microgram(s)
l or L	liter(s)	ml or mL	milliliter(s)
µl or µL	microliter(s)	m^3	cubic meter(s)
lb	pound(s)	ft^3	cubic foot(feet)
ft	foot(feet)	su	Standard Units
<	Less than	>	Greater than

mg/L, mg/kg — Units of concentration in milligrams per liter for liquids and milligrams per kilogram for solids. Also referred to as parts per million or "ppm" when the assumption is made that the specific gravity or density is one (1 g/mL).

µg/L, µg/kg — Units of concentration in micrograms per liter for liquids and micrograms per kilogram for solids. Also referred to as parts per billion or "ppb" when the assumption is made that the specific gravity or density is one (1 g/mL).

wt % — Units of concentration expressed on a weight/weight basis (e.g. grams per 100 grams).

Surrogate — Compound(s) added by the laboratory for quality control monitoring.

mg/kg,dw — Units of concentration in milligrams per kilogram (dry weight basis).

Data Qualifiers:

B	Analyte was also detected in the method blank
E	Estimated value - analyte was detected at concentration greater than upper calibration limit
F	Estimated value - analyte should have been tested as a field parameter
H	Estimated value - sample was analyzed beyond the accepted holding time
J	Estimated value - analyte was detected < PQL and ≥ MDL
L	The batch-specific LCS and/or LCSD was not within lab control limits for this analyte
M	The batch-specific MS and/or MSD was not within lab control limits for this analyte
R	The RPD between batch-specific sample/dup or MS/MSD was not within lab control limits for this analyte
S	The surrogate recovery was not within quality control limits
Z	Laboratory specific qualifier – refer to case narrative
*	Performed in strict accordance with the procedures and controls of the ACL quality system, but not currently in the NELAC list of certified analytes

Solid samples (i.e. soil, sludge, solid waste) are reported on a wet weight basis unless otherwise noted. Estimated uncertainty values are available upon request.

Representation and Limitation of Liability – The accuracy of all analytical results for samples begins as it is received by the laboratory. The integrity of the sample begins at the time it is placed in the possession of authorized ACL personnel. All other warranties, expressed or implied, are disclaimed. Liability is limited to the cost of the analysis.

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www.advancedchemistrylabs.com

Client:	GaiaTech Incorporated 3343 Peachtree Rd. Suite M20A Atlanta, GA 30326-0000	**Client Proj #:** **ACL Project #:** **Date Received:** **Date Reported:**	B2618-440-0 Mohawk Eton 61504 03/17/2011 03/21/2011
Contact:	Mr. Dave Buchalter		

Volatile Organics (5035/8260B)

Sample ID:	BH-14-2	**Matrix:**	Soil
		Date Sampled:	03/16/2011 11:50
ACL Sample #:	286076	**Date Prepared:**	03/16/2011
		Date Analyzed:	03/17/2011
Units:	mg/kg	**Analyst:**	JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	0.014	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
Trichloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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www.advancedchemistrylabs.com

Client:	GaiaTech Incorporated 3343 Peachtree Rd. Suite M20A Atlanta, GA 30326-0000	**Client Proj #:** **ACL Project #:** **Date Received:** **Date Reported:**	B2618-440-0 Mohawk Eton 61504 03/17/2011 03/21/2011
Contact:	Mr. Dave Buchalter		

Volatile Organics (5035/8260B)

Sample ID:	BH-14-4	**Matrix:**	Soil
		Date Sampled:	03/16/2011 13:20
ACL Sample #:	286077	**Date Prepared:**	03/16/2011
		Date Analyzed:	03/17/2011
Units:	mg/kg	**Analyst:**	JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	BQL	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
Trichloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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Atlanta, GA 30326-0000

Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61504
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (5035/8260B)

Sample ID: BH-1-2
ACL Sample #: 286078
Units: mg/kg

Matrix: Soil
Date Sampled: 03/16/2011 14:20
Date Prepared: 03/16/2011
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	0.020	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
richloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61504
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (5035/8260B)

Sample ID: BH-1-4
ACL Sample #: 286079
Units: mg/kg

Matrix: Soil
Date Sampled: 03/16/2011 15:00
Date Prepared: 03/16/2011
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	0.026	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
Trichloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61504
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (5035/8260B)

Sample ID: BH-1-4D
ACL Sample #: 286080
Units: mg/kg

Matrix: Soil
Date Sampled: 03/16/2011 15:05
Date Prepared: 03/16/2011
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	0.020	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
Trichloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61504
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (5035/8260B)

Sample ID: BH-16-2
ACL Sample #: 286081
Units: mg/kg

Matrix: Soil
Date Sampled: 03/16/2011 15:30
Date Prepared: 03/16/2011
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	BQL	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
Trichloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61504
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (5035/8260B)

Sample ID: BH-16-4
ACL Sample #: 286082
Units: mg/kg

Matrix: Soil
Date Sampled: 03/16/2011 16:20
Date Prepared: 03/16/2011
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	0.015	0.005
1,2-Dichloroethane	BQL	0.005
1,1-Dichloroethene	BQL	0.005
cis-1,2-Dichloroethene	BQL	0.005
Tetrachloroethene	0.051	0.005
1,1,1-Trichloroethane	BQL	0.005
1,1,2-Trichloroethane	BQL	0.005
Trichloroethene	BQL	0.005
Vinyl chloride	BQL	0.010

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Sample Log-in Checklist

Client Name: GaiaTech Incorporated

ACL Project Number: **61504**

Cooler Check

	Yes		Yes
Ice Present?	☑	Evidence Tape Present?	☐
Temperature	3 °C	Evidence Tape Intact?	☐

For coolers with a temperature greater than 6°C or with a damaged evidence seal, the bottles affected are identified below.

	Yes
Chain-of-Custody Form Included?	☑
Field Sheet Included?	☐

Cooler Shipping and Receipt

Shipping Method: Hand Delivered

Tracking Number:

Receipt Date: 3/17/2011

Receipt Time: 9:26 AM

Bottle Check

Acid Preserved Sample (pH Check): pH<2? Yes
(pH for VO vials to be checked upon analysis)

Base Preserved Samples (pH Check): pH>12 N/A

Chlorine Check (Positive, Negative, N/A) N/A

Condition of Containers:

	Yes
Evidence Tape Present on Bottles	☐
Evidence Tape Intact?	☐
	Yes
Loose Caps?	☐
Broken Bottles?	☐

Cooler Unpacked/Checked By: AM **Logged In By** AM **Log-in Date:** 3/17/2011

Comments (if any):

ACL ADVANCED CHEMISTRY LABS, INC.

3039 Amwiler Road · Suite 100 · Atlanta, GA 30360 ■ (770) 409-1444 · Fax (770) 409-1844

CHAIN-OF-CUSTODY RECORD

Company Name: GAIA Tech	Phone #: A 812 0001
Address: 3343 P'tree Rd. Atlanta GA	Fax #:
Project Manager: David Buchalter	Site Location: Mohawk Eton
I attest that the proper field sampling procedures were used during the collection of these samples.	Project #: B2618-440-0
	Project Name:
	Sampler Name (Print): David Buchalter

ANALYSIS REQUEST

Field Sample ID	# of Containers	Matrix: Water	Soil	Air	Sludge	Product	Other	Method Preserved: HCl	$NaHSO_4$	H_2SO_4	HNO_3	NaOH	None	Sampling: Date	Time	Grab	Comp	VOCs 8260	Remarks
BH-1A-2	4		X											3/16	1150	X			
BH-1A-4			X												1320	X			
BH-1-2			X												1420	X			
BH-1-4			X												1500	X			
BH-1-4D			X												1505	X			
BH-16-2			X												1530	X			
BH-16-4			X												1620	X			

Special Detection Limits

Remarks:

TAT: Next Bus. Day ☐ 2nd Bus. Day ☐ 3rd Bus. Day ☐ Normal ☒

Special Handling: ACL Contract _____ Quote # _____ P.O. _____

Special Reporting Requirements

Fax ☐

Lab Use Only: ACL Project #: 61504

Cooler Temp.: 3 °C

QA/QC Level: Level 1 ☐ Level 2 ☐ Other ☐ _____

Page 1 of 1

CUSTODY RECORD

Relinquished by Sampler:	Date: 3/16	Time: 21:30	Received by:
Relinquished by:	Date: 3/17	Time: 9:26A	Received by:
Relinquished by:	Date: 3/17/11	Time: 9:26am	Received by Laboratory:

White Copy = Lab / Report Copy Yellow Copy = Lab / File Copy Pink Copy = Field Copy

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P.O. Box 88610 • Atlanta, GA 30356
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Laboratory Report

ACL Project #: **61505**

Client Proj #: B2618-440-0 Mohawk Eton

Prepared For:

GaiaTech Incorporated
3343 Peachtree Rd.
Suite M20A
Atlanta, GA 30326-0000

Attention: Mr. Dave Buchalter

Report Date: 03/21/2011

This report contains 11 pages.
(including this cover page and chain of custody)

John Andrbs
Technical Director

ACCREDITED IN ACCORDANCE WITH

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Explanation of Symbols and Abbreviations

Listed below are common symbols and abbreviations typically used in reporting technical data:

PQL	Practical Quantitation Limit	MDL	Method Detection Limit
BQL	Below Quantitation Limit	BDL	Below Method Detection Limit
MPN	Most Probable Number	TNTC	Too Numerous To Count
NTU	Nephelometric Turbidity Units	BTU	British Thermal Units
°C	Degrees Centigrade	°F	Degrees Fahrenheit
µmhos/cm	micromhos/cm	cfu	Colony Forming Unit
DF	Dilution Factor	meq	milliequivalents
kg	kilogram(s)	g	gram(s)
mg	milligram(s)	µg	microgram(s)
l or L	liter(s)	ml or mL	milliliter(s)
µl or µL	microliter(s)	m^3	cubic meter(s)
lb	pound(s)	ft^3	cubic foot(feet)
ft	foot(feet)	su	Standard Units
<	Less than	>	Greater than

mg/L, mg/kg — Units of concentration in milligrams per liter for liquids and milligrams per kilogram for solids. Also referred to as parts per million or "ppm" when the assumption is made that the specific gravity or density is one (1 g/mL).

µg/L, µg/kg — Units of concentration in micrograms per liter for liquids and micrograms per kilogram for solids. Also referred to as parts per billion or "ppb" when the assumption is made that the specific gravity or density is one (1 g/mL).

wt % — Units of concentration expressed on a weight/weight basis (e.g. grams per 100 grams).

Surrogate — Compound(s) added by the laboratory for quality control monitoring.

mg/kg,dw — Units of concentration in milligrams per kilogram (dry weight basis).

Data Qualifiers:

B — Analyte was also detected in the method blank
E — Estimated value - analyte was detected at concentration greater than upper calibration limit
F — Estimated value - analyte should have been tested as a field parameter
H — Estimated value - sample was analyzed beyond the accepted holding time
J — Estimated value - analyte was detected < PQL and ≥ MDL
L — The batch-specific LCS and/or LCSD was not within lab control limits for this analyte
M — The batch-specific MS and/or MSD was not within lab control limits for this analyte
R — The RPD between batch-specific sample/dup or MS/MSD was not within lab control limits for this analyte
S — The surrogate recovery was not within quality control limits
Z — Laboratory specific qualifier – refer to case narrative
* — Performed in strict accordance with the procedures and controls of the ACL quality system, but not currently in the NELAC list of certified analytes

Solid samples (i.e. soil, sludge, solid waste) are reported on a wet weight basis unless otherwise noted. Estimated uncertainty values are available upon request.

Representation and Limitation of Liability – The accuracy of all analytical results for samples begins as it is received by the laboratory. The integrity of the sample begins at the time it is placed in the possession of authorized ACL personnel. All other warranties, expressed or implied, are disclaimed. Liability is limited to the cost of the analysis.

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3343 Peachtree Rd.
Suite M20A
Atlanta, GA 30326-0000

Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: OW-8
ACL Sample #: 286083
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011 10:25
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	9	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	11	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	31	5
1,1,1-Trichloroethane	BQL	5
1,1,2-Trichloroethane	BQL	5
Trichloroethene	BQL	5
Vinyl chloride	BQL	2

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: OW-2
ACL Sample #: 286084
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011 12:10
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	BQL	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	6	5
1,1,1-Trichloroethane	BQL	5
,1,2-Trichloroethane	BQL	5
richloroethene	BQL	5
Vinyl chloride	BQL	2

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Atlanta, GA 30326-0000

Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: OW-9
ACL Sample #: 286085
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011 14:10
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	BQL	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	BQL	5
1,1,1-Trichloroethane	BQL	5
1,1,2-Trichloroethane	BQL	5
Trichloroethene	BQL	5
Vinyl chloride	BQL	2

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Atlanta, GA 30326-0000

Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: MWW-1
ACL Sample #: 286086
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011 16:10
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	BQL	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	BQL	5
1,1,1-Trichloroethane	BQL	5
1,2-Trichloroethane	BQL	5
richloroethene	BQL	5
Vinyl chloride	BQL	2

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: OW-6
ACL Sample #: 286087
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011 18:10
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	17	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	6	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	5	5
1,1,1-Trichloroethane	BQL	5
,1,2-Trichloroethane	BQL	5
richloroethene	BQL	5
Vinyl chloride	BQL	2

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: FB
ACL Sample #: 286088
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011 18:15
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	BQL	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	BQL	5
1,1,1-Trichloroethane	BQL	5
1,1,2-Trichloroethane	BQL	5
Trichloroethene	BQL	5
Vinyl chloride	BQL	2

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Contact: Mr. Dave Buchalter

Client Proj #: B2618-440-0 Mohawk Eton
ACL Project #: 61505
Date Received: 03/17/2011
Date Reported: 03/21/2011

Volatile Organics (8260B)

Sample ID: Trip Blank
ACL Sample #: 286089
Units: µg/L

Matrix: Water
Date Sampled: 03/16/2011
Date Prepared:
Date Analyzed: 03/17/2011
Analyst: JG

Analyte	Result	PQL
1,1-Dichloroethane	BQL	5
1,2-Dichloroethane	BQL	5
1,1-Dichloroethene	BQL	5
cis-1,2-Dichloroethene	BQL	5
Tetrachloroethene	BQL	5
1,1,1-Trichloroethane	BQL	5
1,1,2-Trichloroethane	BQL	5
Trichloroethene	BQL	5
Vinyl chloride	BQL	2

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Sample Log-in Checklist

Client Name: GaiaTech Incorporated

ACL Project Number: **61505**

Cooler Check

	Yes		Yes
Ice Present?	☑	Evidence Tape Present?	☐
Temperature	3 °C	Evidence Tape Intact?	☐

For coolers with a temperature greater than 6°C or with a damaged evidence seal, the bottles affected are identified below.

	Yes
Chain-of-Custody Form Included?	☑
Field Sheet Included?	☐

Cooler Shipping and Receipt

Shipping Method: Hand Delivered

Tracking Number:

Receipt Date: 3/17/2011

Receipt Time: 9:26 AM

Bottle Check

Acid Preserved Sample (pH Check): pH<2? Yes
(pH for VO vials to be checked upon analysis)

Base Preserved Samples (pH Check): pH>12 N/A

Chlorine Check (Positive, Negative, N/A) N/A

Condition of Containers:

	Yes
Evidence Tape Present on Bottles	☐
Evidence Tape Intact?	☐
	Yes
Loose Caps?	☐
Broken Bottles?	☐

Cooler Unpacked/Checked By: AM **Logged In By** AM **Log-in Date:** 3/17/2011

Comments (if any):

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CHAIN-OF-CUSTODY RECORD

Company Name: GaiA Tech

Phone #: 404 812 0001

Fax #:

Address: 3343 Peachtree Rd. Atlanta GA

Site Location: Mohawk Eton

Project Manager: D. Buchalter

Project #: B2618-440-0

Project Name:

Sampler Name (Print): David Buchalter

I attest that the proper field sampling procedures were used during the collection of these samples.

ANALYSIS REQUEST

Field Sample ID	# of Containers	Matrix: Water	Soil	Air	Sludge	Product	Other	Method Preserved: HCl	$NaHSO_4$	H_2SO_4	HNO_3	NaOH	None	Sampling: Date	Time	Grab	Comp	VOCs 8260	Remarks
OW-8	2	X												3/16	1025	X		X	
OW-2		X													1210	X		X	
OW-9		X													1410	X		X	
MWW-1		X													1610	X		X	
OW-6		X													1810	X		X	
FB		X													1815	X		X	

Special Detection Limits

Remarks:

Special Reporting Requirements

Lab Use Only: ACL Project #: 61505

Cooler Temp: 3 °C

TAT: Next Bus. Day ☐ 2nd Bus. Day ☐ 3rd Bus. Day ☐ Normal ☒

Special Handling: ACL Contract ____ Quote # ____ P.O. ____

QA/QC Level: Level 1 ☐ Level 2 ☐ Other ☐ ____

Fax ☐

Page 1 of 1

CUSTODY RECORD			
Relinquished by Sampler:	Date: 3/16	Time: 21:30	Received by:
Relinquished by:	Date: 3/17	Time: 9:16A	Received by:
Relinquished by:	Date: 3/17/11	Time: 9:26am	Received by Laboratory:

White Copy = Lab / Report Copy Yellow Copy = Lab / File Copy Pink Copy = Field Copy

VOLUNTARY REMEDIATION PLAN

FORMER DIAMOND RUG AND CARPET MILLS

PREPARED FOR
MOHAWK INDUSTRIES, INC.

DECEMBER 2011

Prepared by:

David Buchalter, P.E.
Senior Engineer

Technical Review and Concurrence by:

John Yang, CPG
Vice President

GAIATECH PROJECT NO. B2618-530-0

TABLE OF CONTENTS

Tables

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1.0 INTRODUCTION

The Georgia Environmental Protection Division (EPD) has set certain criteria for a property and a responsible party to apply for the Voluntary Remediation Program (VRP). See the completed Voluntary Remediation Plan Application Form and Checklist in Appendix A.

2.0 BACKGROUND

The subject site ("Site") is located at 4140 North Highway 411 just north of the city limit in Murray County, Georgia. Figure 1 illustrates the location of this site. The site is currently used for manufacturing carpet and is presently owned by the Aladdin Manufacturing Division of Mohawk Industries, Inc.

The property is located within an industrial area on the north side of Eton Georgia. It is bounded on the north by a small tufting operation and undeveloped land, to the east by CSX railroad line that is bounded further to the east by other industrial facilities, to the south by Beaulieau Industries and to the west of US Highway 411 by Superior Carpets. See Figure 2 for adjacent site ownership.

The facility became listed on the Hazardous Site Index (HSI) because of a detected release of tetrachloroethene (PCE) in groundwater at levels exceeding the reportable quantity screening method (RQSM). The detected release was found in a small portion of the facility near the outside and northeast portion of the main building. Other regulated substances which have been detected are probably degradation products of PCE including trichloroethene (TCE),1,1-dichloroethane (1,1-DCA), cis-1,2-dichloroethene (cis-1,2 DCE) and 1,1,1-trichloroethane (1,1,1-TCA). Benzene has also been detected at the facility, but the most likely source is a former gasoline tank that was investigated and closed under the Underground Storage Tank Management (UST) program. PCE and TCE were also identified in onsite soil samples, however the concentrations did not exceed notification concentrations for soil.

2.1 Previous Documents

The site has had several environmental assessments conducted by various consultants between 1997 and 2011. This Voluntary Remediation Plan has been prepared based in part on the following documents:

1. Phase II Environmental Site Assessment, Atlanta Environmental Management, 1997

2. Compliance Status Report Former Diamond Rug and Carpet Mills, Eton Plant, HSI Site No. 10534, Conestoga Rovers, July 2002.

3. EPD Notice of Deficiency (NOD) letter dated February 6, 2004

4. Response letter to EPD dated April 15, 2004

5. EPD NOD letter dated March 30, 2005

6. Response letter to EPD dated June 2, 2005

7. Interim Remedial Status Report, Conestoga Rovers, dated June 2, 2005

8. EPD NOD letter to Mohawk dated November 9, 2010

9. Groundwater and Limited Soil Sampling Results for Mohawk Industries, Inc. dated April 26, 2011.

2.2 Chronology of Events

The main building was first constructed in 1969 on the northern portion of the property. The main building expanded to the east and south in various stages throughout the 1970s and 1980s.

During February through May 1997, Atlanta Environmental Management, Inc. (AEM) conducted a Phase I and II Environmental Site Assessment (ESA) of the Property on behalf of Mohawk Industries, Inc. During the Phase II ESA activities, tetrachloroethylene (PCE) was detected in two groundwater samples, with concentrations of 310 micrograms per liter (ug/l) and 29 ug/l.

The two groundwater samples with VOC detections were collected from two monitoring wells located downgradient of the dye sump and associated gravel drain field outside of the northeast portion of the main building (dye sump area). Additional analytes detected during AEM's 1997 Phase II activities relative to the dye sump area consisted of PCE and its potentially related degradation products (1,1-trichlorethane, 1,1-dichloroethane, cis-1,2-dichloroethene and trichloroethene).

Other compounds detected by AEM's 1997 Phase II activities were benzene and selenium. However, the 1997 detected concentrations of benzene and selenium were detected in areas in the vicinity of the former waste oil UST, and are not associated with the dye sump. Benzene and selenium were not detected in the two monitoring wells associated with the PCE exceedance.

In accordance with EPD release notification requirements, promulgated under HSRA in January 1994, the property owner notified Georgia EPD's Hazardous Site Response Act (HSRA) program of the release of chlorinated solvents to groundwater. The groundwater sample collected by AEM that was used to list the property on the HSI was collected from TW-8 (310 ug/l). EPD notified the property owner by letter that the site had been listed on the HSI as site number 10534.

Figure 4 indicates the area of the release. Apparently small amounts of spent solvent were discharged into the former dye sump and associated gravel drain field and septic

system. These systems are no longer used by Mohawk and portions of them were removed by the former owner prior to purchase by Mohawk in 1997.

There were two investigations related to underground storage tank areas not related to the HSRA release. One was for a leaking gasoline UST (Facility I.D. 9105037) and the other for one used oil UST (Facility I.D. 9105037-2). Part A corrective action plans were submitted to EPD for both releases on September 24, 1999. No active remediation was required for either site and both received no further action notices, one on May 31, 2001 and the other on June 23, 2004.

In support of the 2002 Compliance Status Report (CSR), Conestoga Rovers & Associates (CRA) installed nine borings for additional evaluation of the soil around the dye sump and gravel drain field (BH-1 through BH-7 and BH-12 and BH-13). During this same time period, 11 borings were installed for the purpose of groundwater sampling. In addition, MWW-1 (from the UST evaluation) was also sampled.

In May 2002, BH-1 was converted into monitoring well OW-1 and BH-7 was converted into monitoring well OW-2. Three additional monitoring wells OW-3, OW-4 and OW-5 were installed during this same time period.

On May 31, 2002 CRA collected additional groundwater samples from seven existing groundwater monitoring wells (MWW-1, MWW-2, MWW-5, PZ-4, TW-9, TW-10, and TW-11). These monitoring wells were installed during the previous UST related investigations.

Remedial action was conducted at the site for groundwater impacts and consisted of three injections of potassium permanganate. Injection events were conducted in December 2002, April and May of 2003, and June 2004.

On February 6, 2004 EPD issued a Notice of Deficiency letter which required numerous clarifications to the work performed. This was followed by a response letter to EPD dated April 15th 2004 which answered the questions posed by EPD; however, no additional field work was performed.

EPD then issued another Notice of Deficiency letter dated March 30, 2005 which re-iterated the need for additional soil and groundwater delineation. There were other comments regarding the work performed.

A response to this NOD letter dated June 2, 2005 was prepared by CRA. Additional borings BH-14 through BH-18 were installed to further delineate the soil contamination and monitoring wells OW-6, OW-7, OW-8D, and OW-9 were also installed and sampled to further delineate the groundwater contamination.

EPD then issued an additional NOD letter dated November 9, 2010, which required various clarifications and further delineation of the soil and groundwater contamination to background levels.

In response to this letter Mohawk retained GaiaTech to perform additional soil and groundwater sampling. This work was summarized in a letter report dated April 26, 2011.

3.0 REGULATED SUBSTANCES

Results of soil and groundwater sampling conducted by GaiaTech (April 26, 2011) have indicated that a release of regulated substances to soil and groundwater had occurred at the site.

The regulated substances detected at the site included chlorinated compounds and their typical breakdown products. These substances were prescribed by EPD in their November 9, 2010 NOD letter. The regulated substances are:

1. 1,1,1 trichloroethane (Cas No. 71-55-6)

2. 1,1 dichloroethane (Cas No. 75-34-3)

3. 1,2 dichloroethane (Cas No. 107-06-2)

4. 1,1 dichloroethene (Cas No. 75-35-4)

5. cis-1,2 dichloroethene (Cas No. 155-59-2)

6. tetrachloroethene (CAS No. 127-18-4)

7. trichloroethene (CAS No. 79-01-6)

8. 1,1,2 trichlorethane (CAS No. 79-00-5)

9. vinyl chloride (CAS No. 75-01-4)

4.0 ASSESSMENT ACTIVITIES

Assessment activities at the site have been conducted from 1997 through 2005, followed by a soil and groundwater sampling event in early 2011. The data collected during these investigations and the hydrogeology and receptor surveys have been summarized in various submittals to the HSRA program and include the documents referenced in Section 2.

4.1 Soil Data

The soil contamination at the site was documented in the May 1997 AEM Phase II report, for the development of the CSR and subsequent sampling requested by EPD, and during the March 2011 sampling.

The soil sample results are shown in Table 1 and in Figure 3. Of the 23 soil samples collected, the only samples that exceeded the Type 1 Risk Reduction Standards (RRS) were BH-1 and BH-14 at 2 feet below ground surface (bgs) and BH-14 at 14 feet bgs. Subsequent sampling during 2011 indicated that all these locations were well below Type 1 RRS.

The sampling methodology and laboratory reports including all quality control samples/procedures are presented in the 2002 CSR and the 2011 Limited Groundwater and Soil Sampling Results for Mohawk Industries, Inc.

Remediation of the PCE contaminated soil was initiated in three phases between December 2002 and June 2004. While the remediation primarily focused on the groundwater, some shallow injection was conducted during the first treatment around OW-1 through OW-5 and MWW-1 at five to ten feet bgs. The last injection event focused on soil at the five-foot depth range near the center of the contaminated areas. This remediation coupled with natural degradation over time has reduced the concentration of the site contaminants to well below the Type 1 RRS.

4.2 Groundwater Data

During May 2002 CRA installed 11 temporary borings (BH-1 through BH-11). Groundwater was obtained from all these borings with the exception of BH-8. In addition, one groundwater sample was obtained from MWW-1 (previous UST well). The samples were analyzed using an on-site laboratory. The sampling conducted indicated 1,1-DCE in 4 borings/wells, 1,2-DCA in 1 boring/well, and PCE in 7 borings/wells in concentrations exceeding Type I RRS.

Based on preliminary analytical data provided by the on-site mobile laboratory, five

additional monitoring wells were installed to characterize groundwater conditions at the site. On May 13th through 16th, CRA installed five permanent monitoring wells. Two of the 11 borings were converted to permanent wells (BH-1 was converted into monitoring well OW-1 and BH-7 was converted into OW-2.) Three additional monitoring wells (OW-3, OW-4, and OW-5) were installed during the same time period. PZ-4, TW-9 TW-10, TW-11, MWW-1, MWW-2 and MWW-5 were sampled during this round of sampling The sampling of groundwater at these wells showed that 1,1 DCE exceeded the Type 1 RRS at two wells and PCE exceeded the Type 1 RRS at 5 of the 12 wells.

On June 4th BH-12 was installed within the manufacturing building 80 feet northwest of the former dye sump. The depth to groundwater was approximately 32 feet bgs. The groundwater sample collected from BH-12 was non-detect for the constituents of concern.

In August 2004, two additional shallow wells (OW-6, OW-7) were installed and sampled. In May 2005 one additional shallow well (OW-9) and one deep well (OW-8D) were installed and sampled. The laboratory results indicated 1,1-DCE and PCE were slightly above their respective Type I RRS at OW-8D. The other three wells helped define the southern, western and eastern extents of the shallow groundwater plume.

In order to evaluate the effects of the potassium permanganate injections monitoring wells OW-1, OW-2, OW-3, OW-4 and MWW-1 were sampled approximately quarterly from August 2003 until December 2004. The groundwater sample results are shown in Table 2 and in Figure 4.The results of the sampling generally indicate a decrease in the concentrations of the constituents of concern (COCs) within the groundwater.

The last sampling event was performed in March of 2011. Five wells were sampled and were chosen to delineate the plume. The remaining wells were unable to be located due to damage or destruction during construction activities at the site. The only detection above the Type 1 RRS in a shallow well was at OW-2 (6 ug/l PCE). However, a more hydraulically downgradient well to the south (OW-9) was non detect for all COCs. The horizontal extent is established by OW-6 to the west, OW-3 (previously non detect), MWW-1 to the east, and OW-9 to the south.

The only existing deep well on the site, OW-8D contained 1,1-DCE and PCE at 11 ug/l and 31 ug/l, respectively). The deeper groundwater zone at the site has not been delineated to Type 1 RRS because EPD only requested the installation of a single deep well.

5.0 POTENTIAL RECEPTORS AND RISK REDUCTION STANDARDS

5.1 Groundwater Usage

Based on the last well survey, there is no apparent potential for exposure to substances released from the site through exposure to groundwater. The following paragraphs summarize the result of a 1999 CRA memorandum related to a formal well and drinking water intake survey.

The nearest public and downgradient water supply is "Eton Spring" which is approximately 4750 feet from the site. The city of Eton receives its water from the Chatsworth system. Eton Spring, also known as James Spring is the nearest well or spring (either public or private) which is hydraulically downgradient of the site.

The nearest private well is approximately 1200 feet north/northwest of the site, however, it is located hydraulically upgradient of the site. The well is reported as belonging to the Waleys residence located at 4374 Highway 411 North, Eton, Georgia. The well is approximately 200 feet deep and was reported as being used for drinking water in 1999.

The scope of work stated in section 6 will propose that a new updated groundwater receptor survey be conducted along with groundwater modeling prior to submittal of the final CSR.

5.2 Surface Water Usage

There is no naturally occurring surface water located at the Property. The ponds identified on the property are from former latex holding ponds that have been closed by filling and grading so that no water accumulates in that area. The area of the former ponds are now used as gravel covered parking lots. The majority of the site is paved or overlain by the main facility building, however, the ground surface of the Site is primarily covered with gravel.

A tributary to Mill Creek (the closest surface water body) is approximately 800 feet to 1000 feet east of the site (see Figure 1) and is a likely the ultimate discharge area for shallow groundwater beneath the site. Mill Creek originates high on the east side of Grassy Mountain, flowing counterclockwise around the mountain to Eton. The Conasauga River takes a similar but longer path, and the two intersect about 5 miles southwest of Eton. The Conasauga River is the ultimate surface water drain for all of Murray and Whitfield Counties, so it is reasonable to assume that the regional groundwater levels will be at elevations significantly higher that the Conasauga River at its confluence with Mill Creek which is at 665 feet above mean sea level.

Since the shallow groundwater on the downgradient side of the site is not impacted, and given that the groundwater discharges 800 to 1000 feet from the site, the release does not appear to be a threat to surface water. However, it should be acknowledged that the deeper groundwater impact has not been defined (direction of flow and concentration at the downgradient edge of the site) so this exposure pathway will be re-evaluated when further evaluation of the deeper groundwater zone is conducted (see Section 6).

5.3 Vapor Intrusion

The results of the subsurface investigation identified the presence of chlorinated solvents in the shallow groundwater at very low levels near the main building. Evaluating these levels using the OSWER guidance indicates that the shallow groundwater levels of PCE are below the guidance levels using a 1 x 10^{-5} risk factor based on residential usage. Therefore, the vapor exposure pathway does not pose a significant risk to workers at the site.

5.4 Risk Reduction Standards

The subject site is an industrial property in Eton, Georgia. Sites to the north and south are also industrial and commercial properties. Properties to the east beyond the CSX rail line and properties west of Highway 411 are agricultural. Therefore, non-residential Type 1 RRS apply. However, due to the small differences in the residential and non-industrial standards for groundwater and the very low concentrations of COCs in the soil, Mohawk will apply for closure using residential standards.

5.4.1 Soil Criteria

The soil cleanup criteria shall be the Type 1RRS. The concentrations for all the COCs are shown in Table 3.

5.4.2 Groundwater Criteria

The groundwater criteria shall be the Type 1RRS. The concentrations for all the COCs are shown in Table 3.

6.0 PROPOSED INVESTIGATION REMEDIATION PLAN

It is the intent of Mohawk to remove the Site from the HSI through implementation of an efficient voluntary remediation plan which is protective of human health and the environment. This section outlines the proposed corrections actions anticipated to satisfy the requirements set forth in the Georgia Voluntary Remediation Program Act.

6.1 Soil

Additional soil samples were collected at three points (BH-1, BH-14, BH-16) which had previously exhibited relatively high levels of contamination. The recent soil samples collected in March 2011 showed significantly lower concentrations of target VOCs than the previous soil sampling conducted in 2002 and 2004. Typically, the analytical results for March 2011 were several orders of magnitude lower than for the previous 2002 or 2004 sampling events.

Target analytes analyzed during the March 2011 event from BH-1, BH14 and BH-16 did not exceed any Type 1 RRS. The highest detection was 51 micrograms per kilogram (ug/kg) for PCE at BH-16 at a depth of 4 feet bgs. PCE and 1,1-DCA were detected in soil, but at concentrations below the Type 1 RSS of 500 ug/kg.

Soil treatment was previously conducted in the area of the former dye sump and gravel drain field. Shallow soils (upper 10 feet) were treated in three phases: the first in December 2002, the second in April 2003, and the third in June 2004. The treatments coupled with natural degradation appear to have reduced concentrations significantly. Based on all the historical data and the newly collected data, residual soil contamination is below the Type 1 RSS. Based on this information, the ingestion, inhalation, or contact risk for site soils is low. Therefore further sampling or corrective action for the soils is not recommended.

6.2 Groundwater

Groundwater levels were measured using an electronic water level meter on March 16th and again on March 25th. The March 25th water levels were used to establish the groundwater flow direction at the site. Wells OW-2, OW-6, OW-9 and MWW-1 were used to create a map which showed the general flow direction around the former dye sump and associated drainage lines. OW-8D was not used since it was a much deeper well and appears to be in a deeper water bearing zone.

Figure 8 shows the TOC elevations, the water depth from top of casing, and resulting water level relative to mean sea level. Water level potentiometric lines are shown on

the figure indicating that the groundwater flows in a southeasterly direction. This is consistent with the flow direction stated in the CSR based on 2002 water level measurements (see Figure 7).

Based on the hydraulic calculations in the CSR dated July 2002, the hydraulic gradient in the area is roughly 0.10 ft/ft (10 percent). The average hydraulic conductivity (based on measurements at OW-1 and OW-4) is 4.8×10^{-5} cm/second which is typical for a silty-clay mixture. Using Darcy's Law and an effective porosity of 0.40 (typical value for a silty clay), the average linear velocity is on the order of 12.5 feet per year.

The analytical data demonstrates that the groundwater impacts are not migrating off site. The hydraulically upgradient OW-6 contained 28 ug/l of target VOCs, OW-2 about 70 feet downgradient contained 6 ug/l of target VOCs and downgradient MWW-1 contained no detectable target VOCs.

6.2.1 Shallow Groundwater Investigation/Remediation

The extent of the shallow groundwater plume is known and represented by OW-3 to the north, OW-4, OW-7 and MWW-1 to the east, OW-5 and OW-9 to the south, and OW-6 to the west. Assuming that OW-6 is approximately the western boundary of the plume, the area of contamination is approximately 200 feet by 120 feet. Detections of contaminants in groundwater samples collected at the site are close to or below Type I RRS.

The rate of groundwater movement at the site is only about 12.5 feet per year. This minimizes the potential for the plume to move off site. There are no nearby groundwater receptors based on a water well survey conducted in 1999 (included in Appendix E of the July 2002 CSR). This receptor survey will be updated during a future investigation. There are no surface water receptors that would be impacted by the plume contamination (detailed in Section 5.2.2 of the July, 2002 CSR). Based on the low detections of contaminants as compared to the Type I RRS, and on the lack of nearby groundwater or surface water receptors, further corrective action is not recommended for the shallow groundwater. Mohawk will perform an additional groundwater sampling event and sample OW-6, OW-2, OW-9, MWW-1 and OW-5 (which was just found in October of this year). If no analytes are detected above the Type 1 RRS and the groundwater receptor survey indicates no nearby downgradient wells are present, then no further assessment would be recommended for the shallow groundwater.

6.2.2 Deep Groundwater Investigation/Remediation

OW-8D is a deeper well extending to approximately 52 feet bgs. The latest groundwater sample collected on March 16, 2011 contained PCE above the Type 1 RRS. Therefore the contamination in the deeper water bearing zone has not been

delineated.

Mohawk proposes to install another deep well adjacent to OW-8D to attempt to determine the vertical extent of contamination. In addition, two additional deep wells will be installed, one to the southwest and one to the southeast of OW-8D. These wells will be properly installed and developed and sampled in accordance with EPA Region 4's Field Branches Quality System and Technical Procedures (FBQSTP).

6.3 Completion of the Compliance Status Report

After delineation and assessment activities are completed, Mohawk will submit a CSR to the GA EPD certifying compliance with the VRP cleanup standards for groundwater and soil. The CSR will be prepared in accordance with Section 12-8-107(e) of the VRP Act.

Following EPD's concurrence with the CSR certifying compliance, a subset of monitoring wells will be left in place to serve as point of compliance wells.

7.0 COST ESTIMATE

The estimated cost of the remaining activities is estimated as follows:

1. Installation of additional deep wells and sampling ($30,000)
2. Ground Water Modeling and Exposure Pathway Analysis ($5,000)
3. Preparation of three Semi-Annual Reports ($8,000)
4. Conduct three groundwater monitoring events, one event is post delisting ($15,000)
5. Preparation of Compliance Status Report and Covenants ($14,000)

The costs shown are above to perform additional investigation of the deeper water bearing zone, fate and transport modeling, additional shallow groundwater sampling and exposure pathway analysis in an effort to have the site removed from the HSI under the VRP. This method of site closure will require the use of Institutional Controls.

8.0 SCHEDULE

The following chart shows the anticipated schedule for delineation and preparation of the draft CSR. The schedule starts once the VRP application is approved

Task	1st Qtr 2012	2nd Qtr 2012	3rd Qtr 2012	4th Qtr 2012	1st Qtr 2013	2nd Qtr 2013	3rd Qtr 2013	4th Qtr 2013	1st Qtr 2014	2nd Qtr 2014	3rd Qtr 2014	4th Qtr 2014
Delineate Vertical Extent of Contamination												
Semi Annual Reports												
Perform GW Modeling												
Perform Annual GW Monitoring												
Submit CSR												

TABLES

Table 1
Summary of Soil Test Results
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-530-0

Boring Location and Depth	Date	1,1-DCA	cis 1,2-DCE	1,1,1-TCA	TCE	PCE	1,1-DCE	Viny Chloride
BH-1, 2ft	5/13/02	ND	ND	ND	ND	**5,190**	ND	ND
	3/16/11	ND	ND	ND	ND	20	ND	ND
BH-1, 21ft	5/13/02	ND	ND	ND	ND	ND	ND	ND
BH-2, 1.5ft	5/13/02	ND	ND	ND	ND	ND	ND	ND
BH-2, 17ft	5/13/02	ND	ND	ND	ND	ND	ND	ND
BH-3, 5ft	5/13/02	ND	ND	ND	ND	ND	ND	ND
BH-4, 2ft	5/14/02	ND	ND	ND	ND	ND	ND	ND
BH-4, 13ft	5/14/02	ND	ND	ND	ND	ND	ND	ND
BH-5, 2ft	5/14/02	10.3	5.3	ND	ND	580	ND	ND
BH-6, 6ft	5/14/02	ND	ND	ND	ND	ND	ND	ND
BH-7, 2ft	5/15/02	ND	ND	ND	ND	ND	ND	ND
BH-14, 2ft	8/12/04	4.5	25	51	43	**69,000**	ND	ND
	3/16/11	ND	ND	ND	ND	14	ND	ND
BH-14, 4ft	8/12/04	ND	ND	6	ND	**760**	ND	ND
	3/16/11	ND	ND	ND	ND	ND	ND	ND
BH-15, 2ft	8/12/04	ND	ND	ND	ND	160	ND	ND
BH-15, 4ft	8/12/04	ND	ND	ND	ND	230	ND	ND
BH-15, 10ft	5/18/05	ND	ND	ND	ND	32	ND	ND
BH-16, 1-2ft	8/12/04	ND	ND	ND	ND	260	ND	ND
	3/16/11	ND	ND	ND	ND	ND	ND	ND
BH-16, 3-4ft	8/12/04	ND	ND	ND	ND	82	ND	ND
	3/16/11	15	ND	ND	ND	51	ND	ND
BH-17, 2ft	5/18/05	4.7	ND	ND	ND	6.2	ND	ND
BH-17, 4ft	5/18/05	6.6	ND	ND	ND	11	ND	ND
BH-18, 2ft	5/18/05	4.6	ND	ND	ND	37	ND	ND
BH-18, 4ft	5/18/05	13	ND	ND	ND	32	ND	ND

Notes:
1. All concentrations shown in ug/kg
2. ND indicates non-detect.
3. Results shown in bold indicate exeedance of GA DEP Standards. Results shown in itallics are for post-remediation events.

Table 2 - Summary of Groundwater Test Results
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-530-0

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-1	5/21/2002	ND	7.7	**13**	ND	**96**	ND	ND
	2/4/2003	ND	ND	ND	5.8	**66**	ND	ND
	6/25/2003	ND	6.5	ND	ND	**73**	ND	ND
	11/21/2003	ND	ND	ND	5.4	**6.3**	ND	ND
	3/4/2004	ND	ND	ND	14	**17**	ND	ND
	8/13/2004	ND	ND	ND	ND	**73**	ND	ND
	1/28/2005	ND	ND	ND	7.6	**7.8**	ND	ND
OW-2	5/21/2002	ND	19	**14**	ND	**29**	ND	ND
	2/4/2003	ND	13	ND	ND	ND	ND	ND
	6/25/2003	ND	8	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	12	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	**6**	ND	ND
OW-3	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	8/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
OW-4	5/21/2002	ND	7.3	ND	ND	**5.5**	ND	ND
	2/4/2003	ND	5.2	ND	ND	**6.7**	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
OW-5	5/21/2002	ND	ND	ND	ND	ND	ND	ND
OW-6	8/13/2004	ND	22	ND	ND	ND	ND	ND
	12/2/2004	ND	40	ND	ND	ND	ND	ND
	3/16/2011	ND	17	6	ND	5	ND	ND
OW-7	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	ND	ND	ND	ND	ND	ND
OW-8D	5/18/2005	ND	13	**8.5**	ND	**6.5**	ND	ND
	3/16/2011	ND	9	**11**	ND	**31**	ND	ND
OW-9	5/18/2005	ND	ND	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
MWW-1	5/31/2002	ND	ND	ND	ND	**32**	ND	ND
	2/4/2003	ND	ND	ND	ND	ND	ND	ND
	6/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	**13**	ND	ND
	12/2/2004	ND	ND	ND	ND	**13**	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
MWW-2	5/2/2002	ND	ND	ND	ND	ND	ND	ND
MWW-5	5/2/2002	ND	ND	ND	ND	ND	ND	ND
PZ-4	5/2/2002	ND	ND	ND	ND	ND	ND	ND
TW-9	5/2/2002	ND	ND	ND	ND	ND	ND	ND
TW-10	5/2/2002	ND	ND	ND	ND	ND	ND	ND
TW-11	5/2/2002	ND	ND	ND	ND	ND	ND	ND

Notes:
1. ug/l - micrograms per liter
2. ND indicates non-detect.
3. Results shown in bold indicate exceedance of GA DEP standards.

Table 3
Risk Reduction Standards
Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-530-0

	Risk Reduction Standards		
Chemical of Concern	**CAS No.**	**Groundwater Type 1**	**Soil Type 1**
1,1-Dichloroethane	75-34-3	4,000	400,000
1,1 ,1 Trichloroethane	71-55-6	200	20,000
1,2 Dichloroethane	107-06-2	5	500
cis - 1,2-Dichloroethene	156-59-2	1,000	7,000
1,1,2-Trichloroethane	79-00-5	5	500
Trichloroethene	79-01-6	5	500
Tetrachloroethene	127-18-4	5	500
1,1-Dichloroethene	75-35-4	7	700
Vinyl Chloride	75-01-4	2	200

Notes:

1. Soil concentrations shown in ug/kg
2. Groundwater concentrations shown in ug/l

FIGURES

Scale 1: 24 000
Contour Interval 10 Feet

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

Quadrangle Location

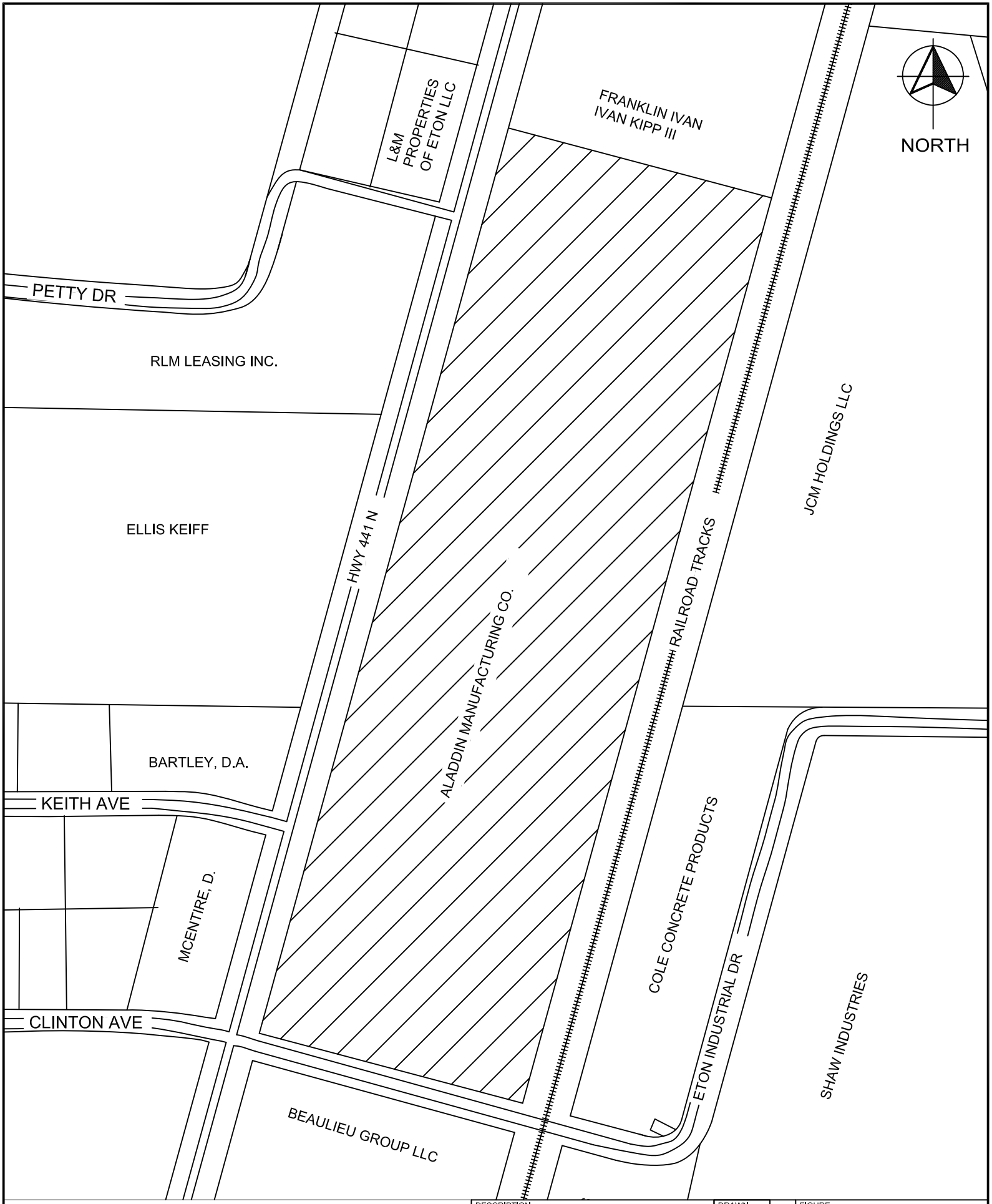
UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
CHATWORTH QUADRANGLE
GEORGIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
1972
PHOTOREVISED 1985

Mohawk Industries, Inc.
Eton, Georgia
Project No. B2618-530-0

Figure 1

Site Location and Topographic Map

GaiaTech



LEGEND

MOHAWK PROPERTY

DESCRIPTION:
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
OWNERSHIP MAP OF AREA

DRAWN: CRH
SCALE: NTS
DATE: 10/27/11
FILE: B2618-530-0

FIGURE: 2

GaiaTech

BH-4		
DEPTH (FT)	2	13
SAMPLE DATE	5/14/02	5/14/02
1,1-DICHLOROETHANE	ND	ND
CIS 1,2-DICHLOROETHANE	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND
TRICHLOROETHENE	ND	ND
TETRACHLOROETHENE	ND	ND
1,1-DICHLOROETHENE	ND	ND
VINYL CHLORIDE	ND	ND

BH-6	
DEPTH (FT)	6
SAMPLE DATE	5/14/02
1,1-DICHLOROETHANE	ND
CIS 1,2-DICHLOROETHANE	ND
1,1,1-TRICHLOROETHANE	ND
TRICHLOROETHENE	ND
TETRACHLOROETHENE	ND
1,1-DICHLOROETHENE	ND
VINYL CHLORIDE	ND

BH-15			
DEPTH (FT)	2	4	10
SAMPLE DATE	8/12/04	8/12/04	5/18/05
1,1-DICHLOROETHANE	ND	ND	ND
CIS 1,2-DICHLOROETHANE	ND	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND	ND
TRICHLOROETHENE	ND	ND	ND
TETRACHLOROETHENE	160	230	32
1,1-DICHLOROETHENE	ND	ND	ND
VINYL CHLORIDE	ND	ND	ND

BH-14				
DEPTH (FT)	2	4	2	4
SAMPLE DATE	8/12/04	8/12/04	3/16/11	3/16/11
1,1-DICHLOROETHANE	4.5	ND	ND	ND
CIS 1,2-DICHLOROETHANE	25	ND	ND	ND
1,1,1-TRICHLOROETHANE	51	6	ND	ND
TRICHLOROETHENE	43	ND	ND	ND
TETRACHLOROETHENE	89,000	760	14	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND
VINYL CHLORIDE	ND	ND	ND	ND

BH-16				
DEPTH (FT)	1	3	1-2	3-4
SAMPLE DATE	8/12/04	8/12/04	3/16/11	3/16/11
1,1-DICHLOROETHANE	ND	ND	ND	15
CIS 1,2-DICHLOROETHANE	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND	ND	ND
TRICHLOROETHENE	ND	ND	ND	ND
TETRACHLOROETHENE	260	82	ND	51
1,1-DICHLOROETHENE	ND	ND	ND	ND
VINYL CHLORIDE	ND	ND	ND	ND

BH-17		
DEPTH (FT)	2	4
SAMPLE DATE	5/18/05	5/18/05
1,1-DICHLOROETHANE	4.7	6.6
CIS 1,2-DICHLOROETHANE	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND
TRICHLOROETHENE	ND	ND
TETRACHLOROETHENE	6.2	11
1,1-DICHLOROETHENE	ND	ND
VINYL CHLORIDE	ND	ND

BH-1			
DEPTH (FT)	2	21	2
SAMPLE DATE	5/13/02	5/13/02	3/16/11
1,1-DICHLOROETHANE	ND	ND	ND
CIS 1,2-DICHLOROETHANE	ND	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND	ND
TRICHLOROETHENE	ND	ND	ND
TETRACHLOROETHENE	5190	ND	20
1,1-DICHLOROETHENE	ND	ND	ND
VINYL CHLORIDE	ND	ND	ND

BH-5	
DEPTH (FT)	2
SAMPLE DATE	5/14/02
1,1-DICHLOROETHANE	10.3
CIS 1,2-DICHLOROETHANE	5.3
1,1,1-TRICHLOROETHANE	ND
TRICHLOROETHENE	ND
TETRACHLOROETHENE	580
1,1-DICHLOROETHENE	ND
VINYL CHLORIDE	ND

BH-2		
DEPTH (FT)	1.5	17
SAMPLE DATE	5/13/02	5/13/02
1,1-DICHLOROETHANE	ND	ND
CIS 1,2-DICHLOROETHANE	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND
TRICHLOROETHENE	ND	ND
TETRACHLOROETHENE	ND	ND
1,1-DICHLOROETHENE	ND	ND
VINYL CHLORIDE	ND	ND

BH-18		
DEPTH (FT)	2	4
SAMPLE DATE	5/18/05	5/18/05
1,1-DICHLOROETHANE	4.6	13
CIS 1,2-DICHLOROETHANE	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND
TRICHLOROETHENE	ND	ND
TETRACHLOROETHENE	37	32
1,1-DICHLOROETHENE	ND	ND
VINYL CHLORIDE	ND	ND

BH-7	
DEPTH (FT)	2
SAMPLE DATE	5/14/02
1,1-DICHLOROETHANE	ND
CIS 1,2-DICHLOROETHANE	ND
1,1,1-TRICHLOROETHANE	ND
TRICHLOROETHENE	ND
TETRACHLOROETHENE	ND
1,1-DICHLOROETHENE	ND
VINYL CHLORIDE	ND

BH-3	
DEPTH (FT)	5
SAMPLE DATE	5/13/02
1,1-DICHLOROETHANE	ND
CIS 1,2-DICHLOROETHANE	ND
1,1,1-TRICHLOROETHANE	ND
TRICHLOROETHENE	ND
TETRACHLOROETHENE	ND
1,1-DICHLOROETHENE	ND
VINYL CHLORIDE	ND

WATER TANK

GRASS

NORTH

POND

GRAVEL

MAIN BUILDING INTERIOR

SEPTIC SYSTEM #5

GRAVEL DRAIN FIELD

DD-2

DYE SUMP

DD-1

BH-12

BH-13

BH-14

BH-15

BH-1/OW-1

BH-4

BH-6

BH-16

BH-2

BH-5

BH-17

BH-18

BH-3

BH-10

BH-7/OW-2

BH-9

BH-11

BH-8

GRAVEL

ASPHALT

NOTES:

1. ALL CONCENTRATIONS SHOWN IN MICROGRAMS PER KILOGRAM (UG/KG).
2. ND INDICATES NON DETECT.
3. SAMPLE LOCATIONS ARE APPROXIMATE.

LEGEND

■ SOIL BORING LOCATION

DESCRIPTION:

SUMMARY OF SOIL TEST RESULTS
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

DRAWN: CRH

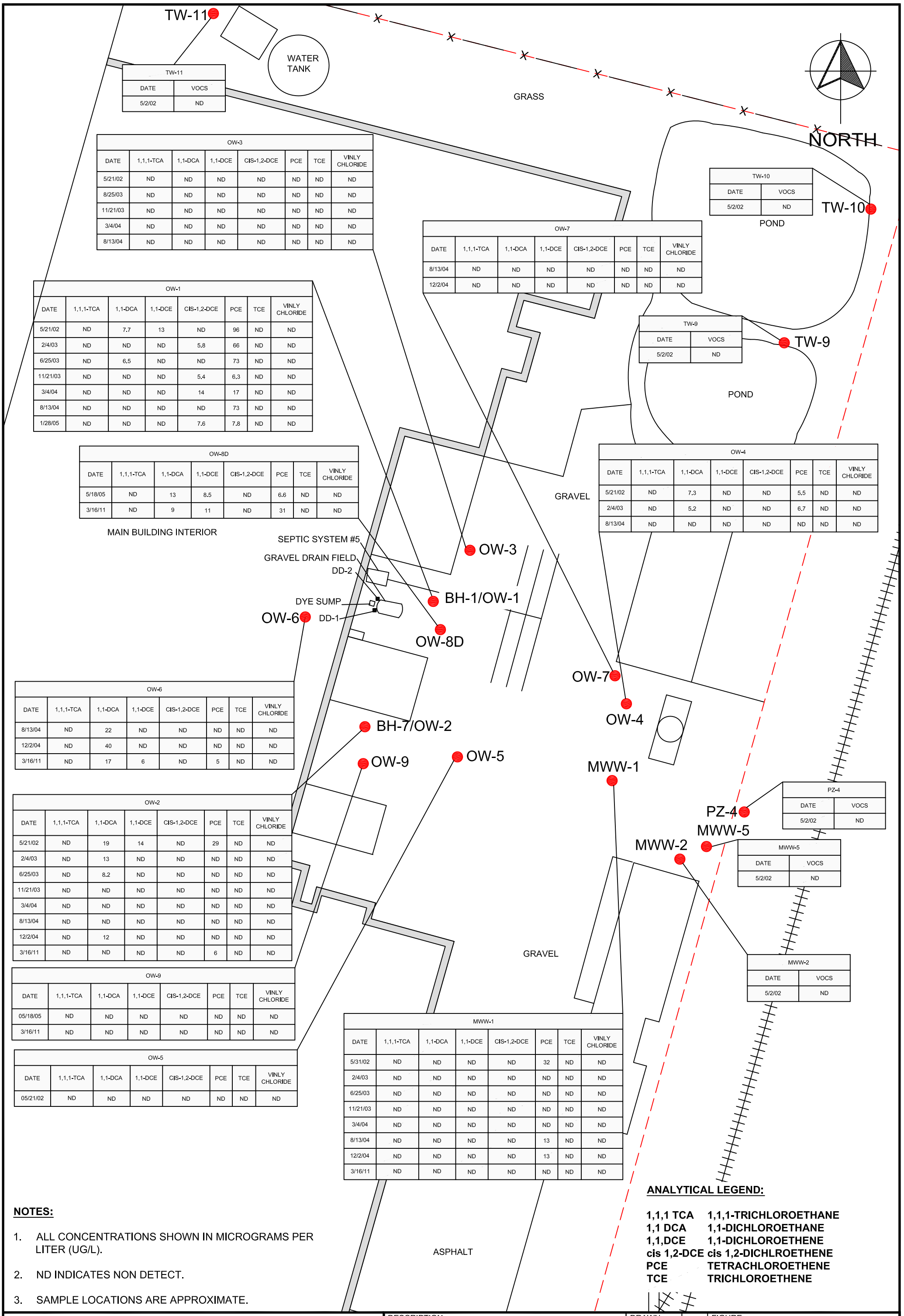
SCALE: 1"=50' (APPROX)

DATE: 12/06/11

FILE: B2618-530-0

FIGURE: 3

GaiaTech



TW-11

DATE	VOCS
5/2/02	ND

OW-3

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
5/21/02	ND	ND	ND	ND	ND	ND	ND
8/25/03	ND	ND	ND	ND	ND	ND	ND
11/21/03	ND	ND	ND	ND	ND	ND	ND
3/4/04	ND	ND	ND	ND	ND	ND	ND
8/13/04	ND	ND	ND	ND	ND	ND	ND

TW-10

DATE	VOCS
5/2/02	ND

OW-7

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
8/13/04	ND	ND	ND	ND	ND	ND	ND
12/2/04	ND	ND	ND	ND	ND	ND	ND

TW-9

DATE	VOCS
5/2/02	ND

OW-1

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
5/21/02	ND	7.7	13	ND	96	ND	ND
2/4/03	ND	ND	ND	5.8	66	ND	ND
6/25/03	ND	6.5	ND	ND	73	ND	ND
11/21/03	ND	ND	ND	5.4	6.3	ND	ND
3/4/04	ND	ND	ND	14	17	ND	ND
8/13/04	ND	ND	ND	ND	73	ND	ND
1/28/05	ND	ND	ND	7.6	7.8	ND	ND

OW-8D

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
5/18/05	ND	13	8.5	ND	6.6	ND	ND
3/16/11	ND	9	11	ND	31	ND	ND

OW-4

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
5/21/02	ND	7.3	ND	ND	5.5	ND	ND
2/4/03	ND	5.2	ND	ND	6.7	ND	ND
8/13/04	ND	ND	ND	ND	ND	ND	ND

OW-6

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
8/13/04	ND	22	ND	ND	ND	ND	ND
12/2/04	ND	40	ND	ND	ND	ND	ND
3/16/11	ND	17	6	ND	5	ND	ND

PZ-4

DATE	VOCS
5/2/02	ND

OW-2

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
5/21/02	ND	19	14	ND	29	ND	ND
2/4/03	ND	13	ND	ND	ND	ND	ND
6/25/03	ND	8.2	ND	ND	ND	ND	ND
11/21/03	ND	ND	ND	ND	ND	ND	ND
3/4/04	ND	ND	ND	ND	ND	ND	ND
8/13/04	ND	ND	ND	ND	ND	ND	ND
12/2/04	ND	12	ND	ND	ND	ND	ND
3/16/11	ND	ND	ND	ND	6	ND	ND

MWW-5

DATE	VOCS
5/2/02	ND

MWW-2

DATE	VOCS
5/2/02	ND

OW-9

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
05/18/05	ND	ND	ND	ND	ND	ND	ND
3/16/11	ND	ND	ND	ND	ND	ND	ND

MWW-1

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
5/31/02	ND	ND	ND	ND	32	ND	ND
2/4/03	ND	ND	ND	ND	ND	ND	ND
6/25/03	ND	ND	ND	ND	ND	ND	ND
11/21/03	ND	ND	ND	ND	ND	ND	ND
3/4/04	ND	ND	ND	ND	ND	ND	ND
8/13/04	ND	ND	ND	ND	13	ND	ND
12/2/04	ND	ND	ND	ND	13	ND	ND
3/16/11	ND	ND	ND	ND	ND	ND	ND

OW-5

DATE	1,1,1-TCA	1,1-DCA	1,1-DCE	CIS-1,2-DCE	PCE	TCE	VINLY CHLORIDE
05/21/02	ND	ND	ND	ND	ND	ND	ND

NOTES:

1. ALL CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER (UG/L).
2. ND INDICATES NON DETECT.
3. SAMPLE LOCATIONS ARE APPROXIMATE.

ANALYTICAL LEGEND:

1,1,1 TCA	1,1,1-TRICHLOROETHANE
1,1 DCA	1,1-DICHLOROETHANE
1,1,DCE	1,1-DICHLOROETHENE
cis 1,2-DCE	cis 1,2-DICHLROETHENE
PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE

LEGEND

- GROUNDWATER MONITORING WELL

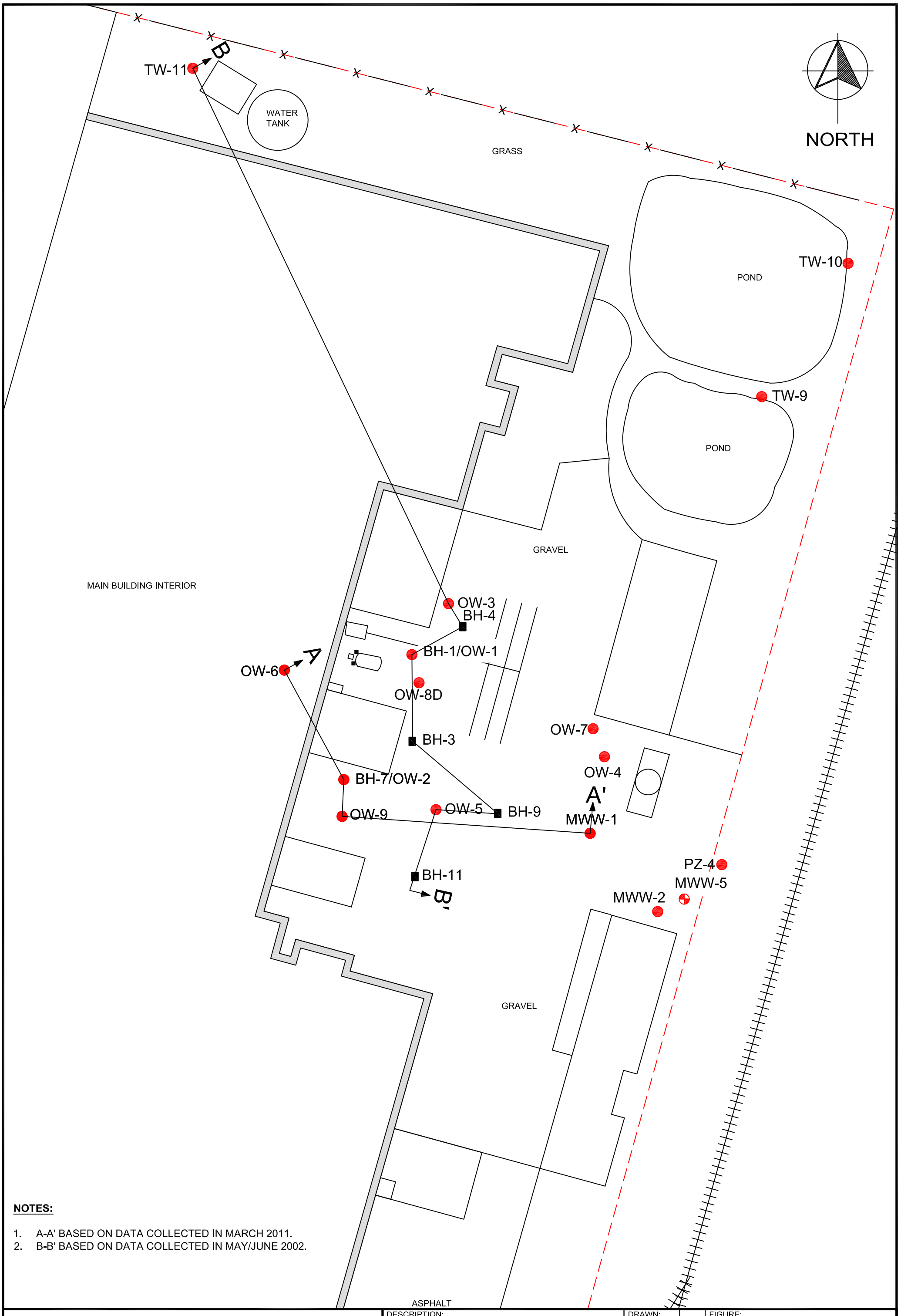
DESCRIPTION:

SUMMARY OF GROUNDWATER TEST RESULTS
MOHAWK INDUSTRIES, INC.
ETON GEORGIA

DRAWN: CRH
SCALE: 1"=50' (APPROX)
DATE: 12/6/11
FILE: B2618-530-0

FIGURE: 4

GaiaTech



NOTES:

1. A-A' BASED ON DATA COLLECTED IN MARCH 2011.
2. B-B' BASED ON DATA COLLECTED IN MAY/JUNE 2002.

LEGEND

- GROUNDWATER MONITORING WELL
- SOIL BORING LOCATION

DESCRIPTION:

CROSS SECTION LOCATION MAP
MOHAWK INDUSTRIES, INC.
ETON GEORGIA

DRAWN: CRH

SCALE: 1"=50' (APPROX)

DATE: 12/12/11

FILE: B2618-530-0

FIGURE: 5

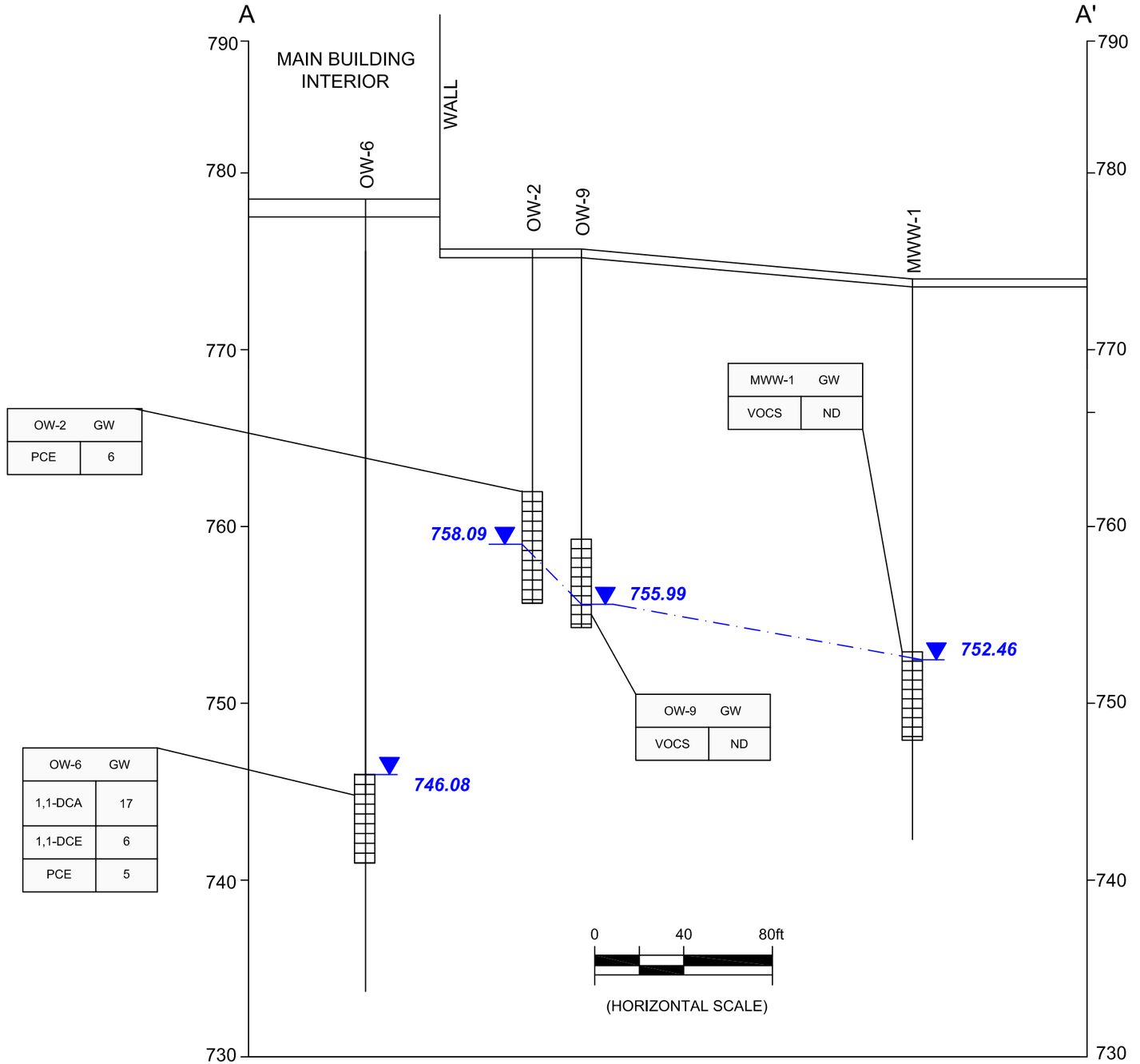
GaiaTech

NOTES:

1. GROUND SURFACE ELEVATIONS ARE APPROXIMATE. GROUND SURFACE PROFILE ESTIMATED BASED ON PROXIMITY TO KNOWN ELEVATIONS OBTAINED DURING SITE ACTIVITIES CONDUCTED BY PREVIOUS ENVIRONMENTAL CONSULTANT.
2. WATER LEVEL IS RELATIVE TO MEAN SEA LEVEL.
3. WATER TABLE ELEVATION REPRESENTS WATER LEVEL DATA COLLECTED MARCH 26, 2011.
4. ANALYTICAL DATA COLLECTED MARCH 16, 2011.

ANALYTICAL LEGEND

GW	GROUNDWATER ANALYSIS
DCE	1,1-DICHLOROETHENE
DCA	1,1-DICHLOROETHANE
CIS DCE	CIS-1,2-DICHLOROETHENE
TCE	TRICHLOROETHENE
1,1,2-TCA	1,1,2-TRICHLOROETHANE
PCE	TETRACHLOROETHENE
VOCS	VOLATILE ORGANIC COMPOUNDS
ND	NOT DETECTED ABOVE METHOD DETECTION LIMIT



LEGEND

GROUNDWATER TABLE SURFACE

GROUNDWATER ELEVATION

DESCRIPTION:

VERTICAL CROSS SECTION A-A'
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

DRAWN: CRH

SCALE: AS SHOWN

DATE: 12/12/11

FILE: B2618-530-0

FIGURE: 6

GaiaTech

B

B'

790
780
770
760
750
740
730

WALL
WALL
MAIN BUILDING INTERIOR
TW-11
CONCRETE SLAB
CL/GP
ML
FILL
NATIVE RESIDUUM
CONCRETE SLAB
OW-3
BH-4
OW-1/BH-1
BH-3
BH-9
OW-5
BH-11
GRAVEL SURFACE
CL/GP
FILL
CL
FILL
CL ALLUVIUM
CL ALLUVIUM
NATIVE RESIDUUM
NATIVE RESIDUUM
CL
CL
ASSUMED CL
SM
767.26
759.43
759.59
747.76

BH-4	SOIL
VOCS	ND

BH-1	SOIL
PCE	5,190

BH-3	SOIL
VOCS	ND

BH-1	SOIL
PCE	5,190

TW 11	GW
VOCS	ND

OW-3	GW
VOCS	ND

BH-1	GW
DCE	14.3
DCA	11.9
CIS DCE	*1.9J*
PCE	66.6
OW-1	GW
DCE	13.4
DCA	13.5
PCE	63.5

BH-4	GW
VOCS	ND

BH-3	GW
DCA	6.7
PCE	5.1

BH-9	GW
VOCS	ND

OW-5	GW
VOCS	ND

BH-11	GW
VOCS	ND

NOTES:

1. FIGURE IS A RECREATED VERSION OF FIG 11 IN JULY 2002 *COMPLIANCE STATUS REPORT* BY CONESTOGA-ROVERS & ASSOCIATES.
2. ELEVATIONS ARE APPROXIMATE.
3. WATER TABLE ELEVATION REPRESENTS WATER LEVEL DATA.
4. WATER LEVEL DATA COLLECTED MAY 21, 2002.
5. ANALYTICAL DATA COLLECTED IN MAY AND JUNE, 2002-MOBILE AND FIXED LAB DATA.
6. J INDICATES ANALYTE WAS DETECTED BELOW QUANTITATION LIMITS.

ANALYTICAL LEGEND

GW	GROUNDWATER ANALYSIS
SOIL	SOIL ANALYSIS
DCE	1,1-DICHLOROETHENE
DCA	1,1-DICHLOROETHANE
CIS DCE	CIS-1,2-DICHLOROETHENE
TCE	TRICHLOROETHENE
1,1,2-TCA	1,1,2-TRICHLOROETHANE
PCE	TETRACHLOROETHENE
VOCS	VOLATILE ORGANIC COMPOUNDS
ND	NOT DETECTED ABOVE METHOD DETECTION LIMIT

SOIL CLASSIFICATION KEY

CL	CLAY
SM	SILTY SAND
CL/GP	CLAY MIXED WITH POORLY GRADED GRAVEL

0 40 80ft

(HORIZONTAL SCALE)

LEGEND

GROUNDWATER TABLE SURFACE

GROUNDWATER ELEVATION

APPROXIMATE FILL AND NATIVE SOIL INTERFACE

DESCRIPTION:

VERTICAL CROSS SECTION B-B'
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA

DRAWN: CRH

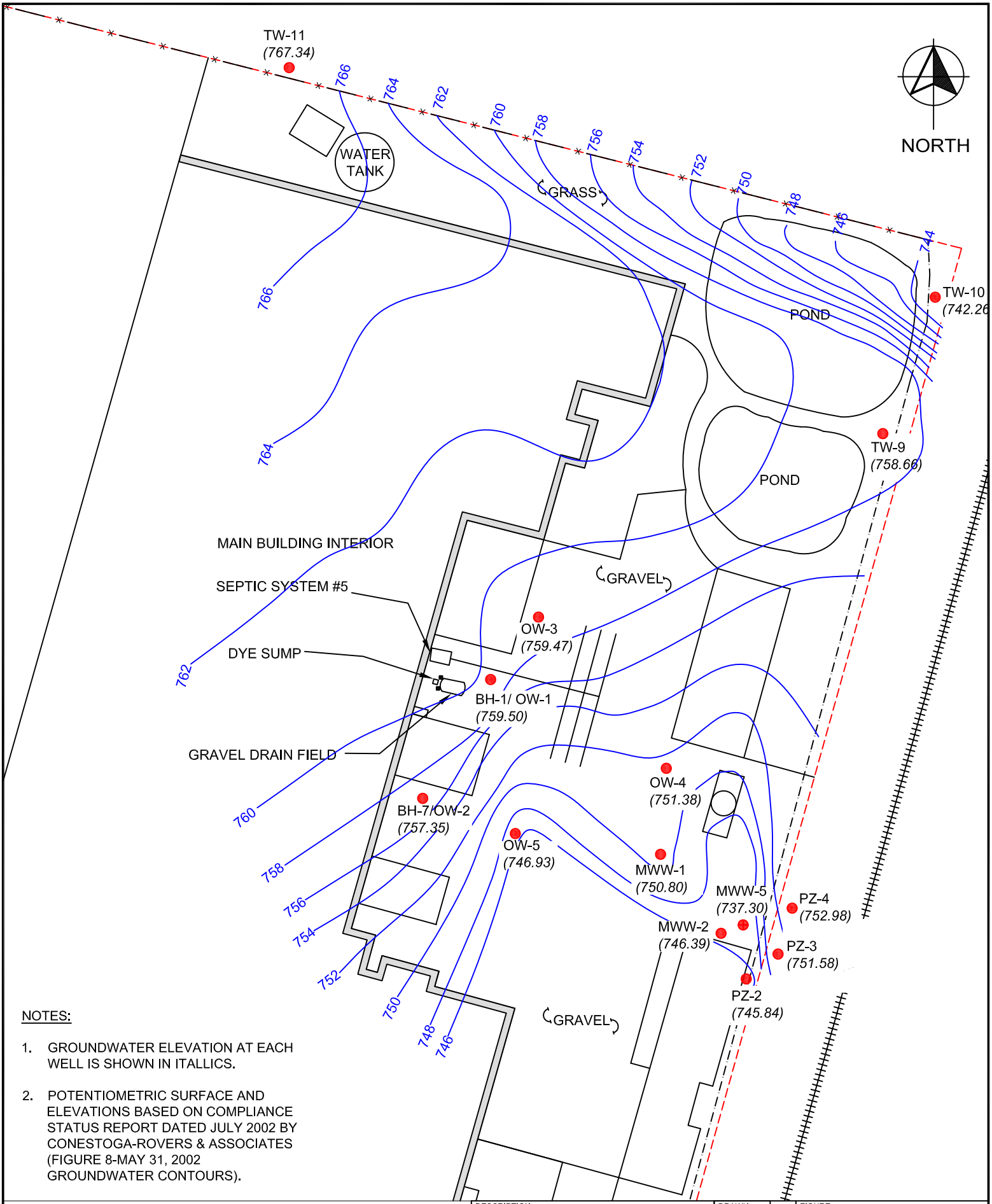
SCALE: AS SHOWN

DATE: 12/12/11

FILE: B2618-530-0

FIGURE: 7

GaiaTech



NOTES:

1. GROUNDWATER ELEVATION AT EACH WELL IS SHOWN IN ITALLICS.

2. POTENTIOMETRIC SURFACE AND ELEVATIONS BASED ON COMPLIANCE STATUS REPORT DATED JULY 2002 BY CONESTOGA-ROVERS & ASSOCIATES (FIGURE 8-MAY 31, 2002 GROUNDWATER CONTOURS).

LEGEND

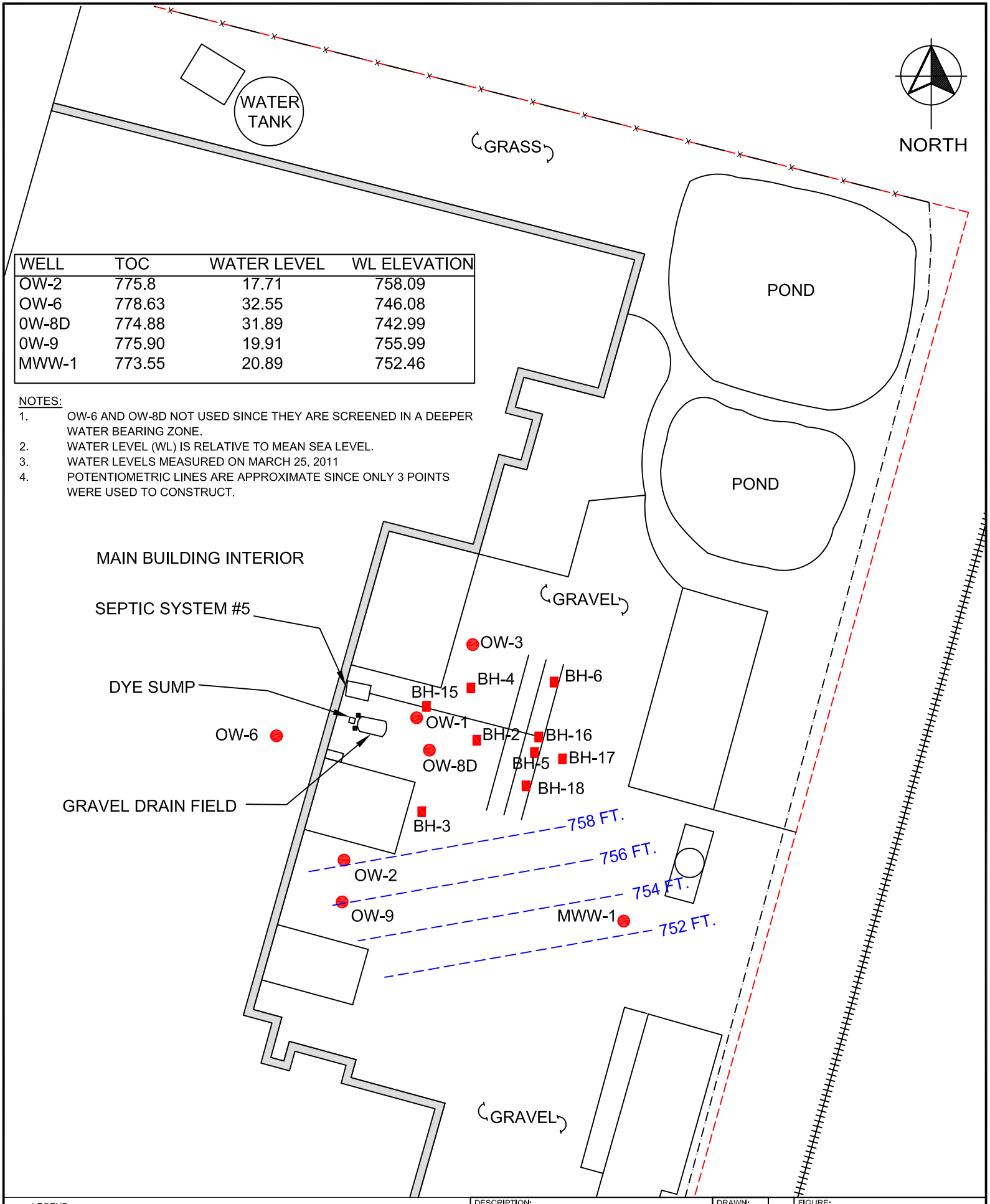
- PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- FENCE LINE
- RAILROAD (CL of TRACKS)
- MONITORING WELL LOCATION
- GROUNDWATER CONTOUR AND ELEVATION (ft AMSL)

DESCRIPTION:
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
POTENTIOMETRIC SURFACE MAP
MAY 2002

DRAWN: CRH
SCALE: 1"=50'
DATE: 10/26/11
FILE: B2618-530-0

FIGURE: 8

GaiaTech



WELL	TOC	WATER LEVEL	WL ELEVATION
OW-2	775.8	17.71	758.09
OW-6	778.63	32.55	746.08
0W-8D	774.88	31.89	742.99
0W-9	775.90	19.91	755.99
MWW-1	773.55	20.89	752.46

NOTES:

1. OW-6 AND OW-8D NOT USED SINCE THEY ARE SCREENED IN A DEEPER WATER BEARING ZONE.
2. WATER LEVEL (WL) IS RELATIVE TO MEAN SEA LEVEL.
3. WATER LEVELS MEASURED ON MARCH 25, 2011
4. POTENTIOMETRIC LINES ARE APPROXIMATE SINCE ONLY 3 POINTS WERE USED TO CONSTRUCT.

LEGEND

- PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- FENCE LINE
- RAILROAD (CL of TRACKS)
- MONITORING WELL LOCATION
- BOREHOLE LOCATION

DESCRIPTION:

MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
POTENTIOMETRIC SURFACE MAP
MARCH 2011

DRAWN: CRH
SCALE: 1"=50'
DATE: 10/27/11
FILE: B2618-530-0

FIGURE: 9

GaiaTech

APPENDIX A – VOLUNTARY REMEDIATON PLAN APPLICATION AND CHECKLIST

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
COMPANY NAME	Mohawk Industries, Inc				
CONTACT PERSON/TITLE	Denise Wood				
ADDRESS	405 Virgil Drive, Dalton, Georgia 30722				
PHONE	706 428 8118	**FAX**	706 428 8120	**E-MAIL**	denise_wood@mohawkind.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	David Buchalter			**GA PE/PG NUMBER**	PE 020343
COMPANY	GaiaTech				
ADDRESS	3343 Peachtree Road NE, Suite M20A				
PHONE	404 812 0001	**FAX**	404 812 1992	**E-MAIL**	dbuchalter@gaiatech.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.

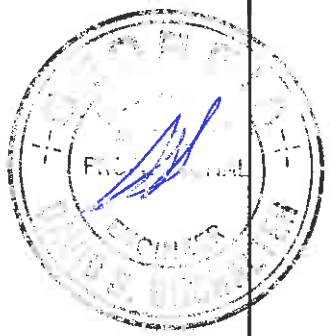
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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	Denise A. Wood		
APPLICANT'S NAME/TITLE (PRINT)	Denise Wood, Sr. Director of Environmental Services	**DATE**	12-09-11

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (If applicable)			
HSI Number	10534	Date HSI Site listed	4/19/1999
HSI Facility Name	Diamond Rug and Carpet Mills-Eton Plant	NAICS CODE	
PROPERTY INFORMATION			
TAX PARCEL ID	0064A	PROPERTY SIZE (ACRES)	26.4
PROPERTY ADDRESS	4140 US Highway 11		
CITY	Eton	COUNTY	Murray
STATE	Georgia	ZIPCODE	30724
LATITUDE (decimal format)	34.833611	LONGITUDE (decimal format)	-84.759167
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Aladdin Manufacturing	PHONE #	
MAILING ADDRESS	C/O Ernst Young LLP , PO Bo 52307		
CITY	Atlanta	STATE/ZIPCODE Georgia	30355

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. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	**Attached**	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	**Appendix B**	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	**Appendix C**	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	**Attached**	
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 graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, 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; 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	**Body of Text**	

	during the preceding period. A Gantt chart format is preferred for the milestone schedule. 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;	**In Section 8**	
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;	**In Section 8**	
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	**In Section 8**	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	**In Section 8**	
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." David Buchalter 020343 — Printed Name and GA PE/PG Number 12-9-11 — Date David Buchalter — Signature and Stamp		

ADDITIONAL QUALIFYING PROPERTIES (COPY THIS PAGE AS NEEDED)

PROPERTY INFORMATION			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

PROPERTY INFORMATION			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

PROPERTY INFORMATION			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

APPENDIX B – WARRANTY DEED

RETURN TO:
Alston & Bird
Attn: Leon Adams, Jr.
One Atlantic Center
1201 West Peachtree Street
Atlanta, Georgia 30309-3424

MURRAY COUNTY GEORGIA
Real Estate Transfer Tax
Paid $ 9,515.00
Date July 24,1997
Lorene Matthews
Clerk Superior Court

ADMINISTRATORS, C.T.A.

DEED UNDER POWER

MURRAY COUNTY, GEORGIA
Filed 1:30 P M July 24,1997
Recorded July 24,1997
Deed Book 281 Page 200
Lorene Matthews
Clerk Superior Court

STATE OF GEORGIA

COUNTY OF FULTON

THIS INDENTURE is made as of July 21, 1997, between **Linda S. Weaver and Bradley L. Grow, as Co-Administrators, C.T.A. of the Estate of Edward L. Weaver, Deceased** (herein called "Grantor") and **Aladdin Manufacturing Corporation, a Delaware corporation** (herein called "Grantee").

WITNESSETH: That Grantor, (acting under and by virtue of the power and authority contained in Item XIX of the Last Will and Testament of Edward L. Weaver, the same having been duly probated and recorded in the Court of Probate of Murray County, Georgia) for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt and sufficiency of which are hereby acknowledged, has granted, bargained, sold, aliened, conveyed, quitclaimed and confirmed and by these presents does grant, bargain, sell, alien, convey, quitclaim and confirm unto Grantee all of Grantor's title and interest in those tracts or parcels of land lying and being in Murray County, Georgia, as described on Exhibit A, attached hereto and made a part hereof.

TO HAVE AND TO HOLD the said bargained premises, together with all and singular the rights, members and appurtenances thereof, to the same being, belonging or in any wise appertaining, to the only proper use, benefit and behoof of Grantee, forever, **IN FEE SIMPLE:** in as full and ample a manner as the same was held, possessed and enjoyed, or might have been held, possessed and enjoyed, by the said deceased.

Grantor has not previously sold nor conveyed any interest in said property, nor assented to any devise under said Will. The property remains in the hands of Grantor, as Co-Administrators, C.T.A., for disposition pursuant to the power of sale contained in Item XIX of said Will.

Grantor hereby reserves the right to enter upon the premises, for a period of sixty (60) days from the date hereof, for the purpose of removing the improvements constituting the car workshop building and related office building located thereon, any furniture, equipment or other personal property located therein and any other personal property located thereon that is owned by Grantor and which is not being sold to Grantee

pursuant to the Asset Purchase Agreement dated as of January 27, 1997, as amended, among Grantor, Grantee and other parties thereto. Said entry and removal of improvements and personalty shall be at the risk of Grantor, and Grantor hereby agrees to indemnify, defend and hold Grantee harmless from and against any and all claims, suits, causes of action, loss, damage, cost and expense (including attorneys' fees and expenses) which Grantee may suffer as a result of, or in connection with, said entry and removal. Promptly after the removal of said improvements and personalty, Grantor shall restore or cause to be restored any portions of the other buildings or improvements on the property that may have been damaged or disturbed as a result of such entry and removal to the condition that existed immediately prior thereto.

(The words "Grantor" and "Grantee" include all genders, plural and singular, and their respective heirs, successors and assigns where the context requires or permits.)

IN WITNESS WHEREOF, Grantor has signed and sealed this deed, the day and year first above written.

Signed, sealed and delivered
in the presence of:

Unofficial Witness

Notary Public

(NOTARY SEAL)

My Commission Expires:

JAN R. EZELL NOTARY PUBLIC FULTON COUNTY GEORGIA
Notary Public, Fulton County, Georgia
My Commission Expires August 9, 1997

Linda S. Weaver (SEAL)
Linda S. Weaver, as Co-Administratrix, C.T.A., of the Estate of Edward L. Weaver, Deceased

Bradley L. Grow (SEAL)
Bradley L. Grow, as Co-Administrator, C.T.A., of the Estate of Edward L. Weaver, Deceased

EXHIBIT A

Eton Manufacturing Plant (Deed Legals)

Parcel 1:

A portion of Land Lot No. 58 in the 9th District and 3rd Section of Murray County, Georgia, containing 13.8 acres, more or less, and being more particularly described as follows, to-wit:

BEGINNING at the point of intersection of the north original line and the east side of U.S. Highway 411; thence running East on the north original line of said land lot, a distance of 792 feet, more or less, to the northeast original corner of said Lot No. 58; thence south on east original line of said land lot a distance of 660 feet, more or less, to land of Carlton Petty; thence west with north lines of lands of Carlton Petty, Edward Weaver and Garlan L. Millsaps, a distance of 956 feet, more or less, to the east side of U.S. Highway 411; and thence in a northeastwardly direction with last right-of-way line of U.S. Highway 411, a distance of 666 feet, more or less to the point of BEGINNING.

Said tract being a part and parcel of the 40 acre tract formerly belonging to Dr. James F. Harris and as is shown in Deed Book 3, page 409, of the public records in the Office of the Clerk of the Superior Court of Murray County, Georgia.

Parcel 2:

All that tract of land containing 6.978 acres lying in Land Lot 51 of the 9th District and 3rd Section of Murray County, Georgia, according to a survey by E. Martin Smith, Registered Land Surveyor, dated August 31, 1976, revised December 21, 1975, recorded in the Superior Court Clerk's Office in Plat Book 8, page 160, Murray County, Georgia, Records, being more particularly described as follows:

BEGINNING at the point where the original line that divides Land Lots 51 and 58 intersects the East right-of-way of U.S. Highway 411; run thence North 15 degrees 03 minutes 10 seconds East, along the East right-of-way of said Highway, a distance of 600.00 feet to an iron pin located at the Southwest corner of G&F Carpet Mill; thence South 74 degrees 03 minutes 32 seconds East, along the South line of G&F Carpet, a distance of 589.39 feet to a fence post located on the West right-of-way of L&N Railroad; thence South 16 degrees 10 minutes 54 seconds West, a distance of 432.50 feet to the South line of Land Lot 51 (said point being 182.2 feet west of the Southeast corner of said Land Lot; thence West, along the South line of said Land Lot and along the North line of other property of Edward L. Weaver, to its intersection with the East right-of-way of U.S. Highway 411 and the point of beginning.

Parcel 3:

All that tract of land lying in Land Lot 58 of the 9th District, 3rd Section of Murray County, Georgia, being shown as Garlan L. Millsaps property, according to a plat of survey by E. Martin Smith, Registered Land Surveyor, dated August 31, 1976, recorded in the Superior Court Clerk's Office, in Plat Book 8, page 117, Murray County Records, and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING commence at an iron pin located on the West right-of-way of L. & N. Railroad at a point 714.06 feet South of the intersection of said right-of-way and the North line of Land Lot 58; thence North 87 degrees 30 minutes West, along the South line of property owned by Edward L. Weaver, 234.00 feet to an iron pin at the Northeast corner of subject property and THE TRUE POINT OF BEGINNING; run thence South 16 degrees 05 minutes West, along other lands of Edward L. Weaver, 418.0 feet to an iron pin; thence North 87 degrees 30 minutes West, 369.39 feet to an iron pin located on the East right-of-way of U.S. Highway 411 (said right-of-way being 80 feet at this point); thence North 16 degrees 03 minutes 10 seconds East, along said East right-of-way, 418.00 feet to the South line of Edward L. Weaver property; thence South 87 degrees 30 minutes East, along said South line of Weaver, 369.62 feet to an iron pin and the point of beginning.

Parcel 4:

All that tract of land containing 11.782 acres lying in Land Lot 58 of the 9th District, 3rd Section of Murray County, Georgia, according to a plat of survey by E.M. Smith, Registered Land Surveyor, dated August 31, 1976, recorded in the Superior Court Clerk's Office in Plat Book 8, page 117, Murray County Records, being more particularly described as follows:

BEGINNING at an iron pin located on the west right-of-way of L. & N. Railroad 714.06 feet South from the intersection of said right-of-way and the North line of Land Lot 58, (Said point also being the Southeast corner of other lands of Edward L. Weaver); thence continuing along the same bearing of South 16 degrees 10 minutes 54 seconds West, with the railroad right-of-way, 1133.56 feet along a fence line to an iron pin located at the Northeast corner of D & W Carpet Co., Inc.; thence North 87 degrees 30 minutes West along the north line of D & W Carpet Co., Inc., 601.00 feet to an iron pin situated on the East right-of-way of Highway 411, (said right-of-way being 80 feet at this point); thence North 16 degrees 03 minutes 10 seconds East, along the East right-of-way of Highway 411, 715.00 feet to an iron pin at Garlan L. Millsaps Southwest corner (Highway 411 having an 80 foot right-of-way at this point); thence South 87 degrees 30 minutes East, along South line of Millsaps property, 369.39 feet to an iron pin at the Southeast corner of Millsaps property; thence North 16 degrees 05 minutes East along the East line of Millsaps 418.0 feet to his Northeast corner marked by an iron pin, (said pin also being located on the South line of other property of Edward L. Weaver); thence South 37

degrees 30 minutes East, along the South line of Weaver, 234.00 feet to an iron pin situated on the West right-of-way of L. & N. Railroad and the point of beginning.

LESS AND EXCEPT, HOWEVER, the following parcel:

A tract or parcel of land lying and being in Land Lot 58 of the 9th District and 3rd Section of Murray County, Georgia, containing 2.64 acres, being more particularly described as follows:

BEGINNING on the East right-of-way line of the Louisville & Nashville Railroad Co. property at its intersection with the North line of Land Lot 58, said District and Section; running thence North 89 degrees 35 minutes East 86.74 feet to a point; running thence South 00 degrees 24 minutes East 660 feet to a point; running thence South 89 degrees 35 minutes West 261.15 feet to the East line of the Louisville & Nashville Railroad Company property; running thence North 14 degrees 24 minutes East 682.72 feet along the East right-of-way line of the Louisville & Nashville Railroad Co. property to the point of beginning.

ALSO, LESS AND EXCEPT the following parcel:

All that tract of land, containing 4.086 acres lying in Land Lot 58 of the 9th District, 3rd Section of Murray County, Georgia, according to a survey by E.M. Smith, Registered Land Surveyor, dated May 24, 1977, and recorded in the Superior Court Clerk's Office in Plat Book 8, page 256, Murray County Georgia Records, and being more particularly described as follows:

BEGINNING at an iron pin located on the West right-of-way of L. & N. Railroad, 1613.46 feet Southwest of the intersection of said right-of-way with the North original line of Land Lot 58, when measured along said right-of-way (said point also being the Southeast corner of other property of Edward L. Weaver); thence continue along said L. & N. right-of-way, South 16 degrees 10 minutes 54 seconds West, a distance of 234.16 feet to an iron pin located at the Northeast corner of other property of D & W Carpet and Rug Co., Inc.; thence North 87 degrees 30 minutes West, along the North line of said D & W Carpet, a distance of 601.00 feet to an iron pin located on the East right-of-way of U.S. Highway 411; thence North 16 degrees 03 minutes 10 seconds East, along the East right-of-way of said Highway, a distance of 375.00 feet to an iron pin located at the Southwest corner of other property of Edward L. Weaver; thence South 73 degrees 56 minutes 50 seconds East, along the South line of Weaver, a distance of 584.79 feet to an iron pin located on the West right-of-way of L. & N. Railroad and the point of beginning.

ALSO, LESS AND EXCEPT the following parcel:

A tract or parcel of land lying and being in Land Lot 58 of the 9th District and 3rd Section of Murray County, Georgia, being a sixty (60) foot strip of land to be used for public right-of-way purposes, and being more particularly described as follows:

BEGINNING on the West right-of-way line of the L & N Railroad at an iron pin located South 16 degrees 10 minutes 54 seconds West 1613.46 feet as measured along the West right-of-way line of the L& N Railroad, from the intersection of the West right-of-way line of the L & N Railroad and the North line of Land Lot 58 (said beginning point being a corner common between the lands of EDWARD WEAVER and D & W CARPET AND RUG CO., INC.); running thence North 73 degrees 56 minutes 50 seconds West 584.79 feet along the North line of D & W CARPET AND RUG CO., INC. and the South line of the present property of EDWARD WEAVER to an iron stake located on the East right-of-way line of U.S. Highway No. 411; running thence North 16 degrees 03 minutes 10 seconds East along the East line of U.S. Highway No. 411 to a point; running thence South 73 degrees 56 minutes 50 seconds East 584.79 feet, more or less, to the West right-of-way line of the L & N Railroad; running thence South 60 feet along the West line of the L & N Railroad right-of-way to the point of beginning.

EXHIBIT A

Eton Manufacturing Plant (Survey Legal)

ALL THAT TRACT AND PARCEL OF LAND lying and being in Land Lots 51 and 58 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

BEGINNING at the intersection of the northern right-of-way line of Eton Industrial Drive (having a right-of-way 80 feet in width) with the eastern right-of-way of U.S. Highway No. 411 (being 55 feet from centerline at this point); run thence along said eastern right-of-way line of U.S. Highway No. 411 North 16 degrees 03 minutes 10 seconds East 744.21 feet to a right-of-way marker; thence along an off-set in said right-of-way line North 74 degrees 30 minutes 59 seconds West 15.00 feet to a right-of-way marker (said right-of-way being 40 feet from centerline at this point); thence North 16 degrees 03 minutes 10 seconds East 1,229.31 feet to an iron pin placed; thence leaving said right-of-way line of U.S. Highway No. 411 and running South 74 degrees 03 minutes 32 seconds East 589.39 feet to an iron pin placed on the western right-of-way line of railroad, formerly known as L & N Railroad (said right-of-way being 100 feet wide); thence along said railroad right-of-way line South 16 degrees 10 minutes 54 seconds West 1,974.31 feet to a point on the northern right-of-way line of Eton Industrial Drive; thence along said northern right-of-way line of Eton Industrial Drive North 73 degrees 58 minutes 09 seconds West 569.95 feet to the POINT OF BEGINNING; all as shown on plat of survey prepared for Mohawk Industries, Inc. by Bakkum-DeLoach & Assoc. (bearing the certification of N.B. DeLoach, Georgia RLS No. 1347), dated February 19, 1997, which survey is incorporated herein for purposes of this description.

Chatsworth Distribution Plant and Option Property (Combined Survey Legal)

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 156 and 157 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING first commence at the corner common to Land Lots 132, 133, 156 and 157, said District, Section and County; thence run South 65 degrees 52 minutes 04 seconds East 344.48 feet to the TRUE POINT OF BEGINNING; from said True Point of Beginning run thence South 81 degrees 13 minutes 36 seconds East 846.85 feet to a fence post iron at fence corner; thence South 0 degrees 27 minutes 0 seconds East 263.55 feet to a point in the center line of a 60 foot road easement (private easement established per Deed Book 123, Page 132); thence along said center line South 89 degrees 20 minutes 42 seconds East 763.34 feet to a rebar found on the northwestern right-of-way line of Duvall Road (having a right-of-way 80 feet in width); thence along said right-of-way line of Duvall Road the following courses and distances: South 25

AFFIDAVIT OF TITLE

STATE OF GEORGIA

COUNTY OF FULTON

The undersigned deponents (the "Deponents") having personally appeared before the undersigned notary public and first having been duly sworn according to law, depose and say under oath as follows:

1. Deponents are the duly qualified and acting Co-Administrators, C.T.A. of the **Estate of Edward L. Weaver** (the "Estate"), who at the time of his death was the owner of certain real estate, a description of which is set forth on Exhibit A attached hereto and made a part hereof, together with all fixtures, improvements, easements and appurtenances related thereto (collectively, the "Property").

2. Deponents, as Co-Administrators, C.T.A. have not previously sold or conveyed any interest in the Property, nor assented to any devise under the Last Will and Testament of said Edward L. Weaver. The Property remains in the hands of Deponents, as Administrators, C.T.A. for disposition pursuant to the power of sale contained in Item XIX of said Will.

3. The full amount of federal estate taxes assessed against the Estate has been paid.

4. There are no leases or tenancies affecting the Property other than those in favor of Diamond Rug & Carpet Mills, Inc. ("Diamond"), and such leases have been rejected in Diamond's bankruptcy case in connection with the purchase of the property by Aladdin Manufacturing Corporation ("Purchaser"). Deponents know of no one claiming any adverse interest in the Property whatsoever. To the actual knowledge of Deponents without inquiry, the title to the Property has never been disputed, questioned or rejected and title insurance thereon has never been refused.

5. To the actual knowledge of Deponents without inquiry, except as set forth on Exhibit B, there are no suits, judgments, bankruptcies or executions pending against the Estate in any court whatsoever contesting the Estate's title to the Property, claiming an interest therein or constituting a lien thereon, nor are there any loan deeds, security deeds, trust deeds, mortgages or liens of any nature whatsoever unsatisfied against the Property (other than delinquent real estate taxes which are being paid in full, together with any penalties and interest thereon, in connection with the sale of the Property by the Estate to Purchaser). To the actual knowledge of Deponents without inquiry, there are no easements, licenses, agreements or other encumbrances affecting the title to the Property, except as set forth on Exhibit B attached hereto and made a part hereof.

6. Deponents have not caused any improvements or repairs to be made to the Property during the one hundred (100) days immediately preceding the date hereof with respect to which there are outstanding and unpaid bills for labor, services and materials used in making improvements or repairs on the Property or for services of architects, surveyors or engineers.

7. To the actual knowledge of Deponents without inquiry, there are no liens for past due taxes or assessments of any nature, for any paving, sidewalk, curbing, sewer or any other street improvements of any kind against the Property or Deponents except for those items being paid in full in connection with the closing of the sale of the Property to Purchaser and those items set forth on Exhibit B hereof.

8. Deponents have no actual knowledge of any disputes concerning the location of the lines and corners of the Property.

9. Except for Rodman & Renshaw, Inc., no broker's services have been engaged by Deponents with regard to the management, sale, purchase, lease, option or other conveyance of any interest in the Property. Except for Rodman & Renshaw, Inc., no commission, fee, payment or other compensation is owed by Deponents to any "broker" (as defined in O.C.G.A. § 43-40-1) for any services in connection with the Property, and no notice of lien for any such services has been received by Deponents.

10. This affidavit is made to induce Purchaser to purchase the Property for the purchase price of $9,575,000.00, to induce Commonwealth Land Title Insurance Company to issue its policies or title insurance insuring Purchaser in the amount of said purchase price; and to induce the attorney certifying title so to certify.

11. Under penalty of perjury, we declare that we have examined the foregoing Affidavit and hereby certify that it is true, correct and complete.

Sworn to and subscribed before
me this July 22, 1997

Jan R. Ezell
Notary Public

(NOTARY SEAL)

My Commission Expires:

Notary Public, Fulton County, Georgia
My Commission Expires August 9, 1997

Linda S. Weaver
Linda S. Weaver, as Co-Administratrix, C.T.A. of the Estate of Edward L. Weaver, Deceased

Bradley L. Grow
Bradley L. Grow, as Co-Administrator, C.T.A. of the Estate of Edward L. Weaver, Deceased

MURRAY COUNTY, GEORGIA
Filed 4:20 P.M. July 9, 2004
Recorded July 09, 2004
Deed Book 5220 Page 115
Lavina Matthews
Clerk Superior Court

After recording please return to:
Salvatore J. Perillo, Esq.
Aladdin Manufacturing Corporation
160 S. Industrial Boulevard
Calhoun, GA 30701

Cross Reference:

Deed Book 272, Page 465
Murray County, Georgia, Records

QUITCLAIM DEED

THIS INDENTURE made and entered into as of the 8th day of August, 2004, by and between **MOHAWK CARPET CORPORATION**, a Delaware corporation (successor by merger to **WORLD CARPETS, INC.**) (hereinafter referred to as "Grantor") and **ALADDIN MANUFACTURING CORPORATION.**, a Delaware corporation (hereinafter referred to as "Grantee") (the words "Grantor" and "Grantee" shall include their respective heirs, legal representatives, successors and assigns where the context requires or permits).

W I T N E S S E T H THAT:

GRANTOR, for and in consideration of the sum of One and No/100ths Dollars ($1.00) and other good and valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt and sufficiency whereof are hereby acknowledged, have remised, conveyed and quitclaimed, and by these presents do hereby remise, convey and forever QUITCLAIM unto the said Grantee all of their right, title and interest in and to the property described in Exhibit A, attached hereto and by reference made a part hereof (hereinafter referred to as the "Property") and being the property conveyed to World Carpets, Inc. by deed dated as of February 7, 1997, and recorded in Deed Book 272, Page 465, aforesaid records.

TO HAVE AND TO HOLD the said described Property to the said Grantee, so that neither the said Grantor nor any person or persons claiming under the said Grantor shall at any time, by any means or ways, have, claim or demand any right or title to the said described Property or appurtenances, or any rights thereof.

The certificate evidencing the merger of World Carpets, Inc. into Mohawk Carpet Corporation is attached hereto.

IN WITNESS WHEREOF, Grantor has executed and sealed this Quitclaim Deed on the day and year first above written.

GRANTOR:

Signed, sealed and delivered in the presence of:

MOHAWK CARPET CORPORATION, a Delaware corporation, Successor by merger to **WORLD CARPETS, INC.**

Elaine Busbee
Unofficial Witness

Notary Public

My Commission Expires:

Notary Public, Murray County, Georgia
My Commission Expires Jan. 14, 2008

[NOTARIAL SEAL]

Salvatore J. Perillo, Esq.,
Vice President and General Counsel

(CORPORATE SEAL)

EXHIBIT "A"

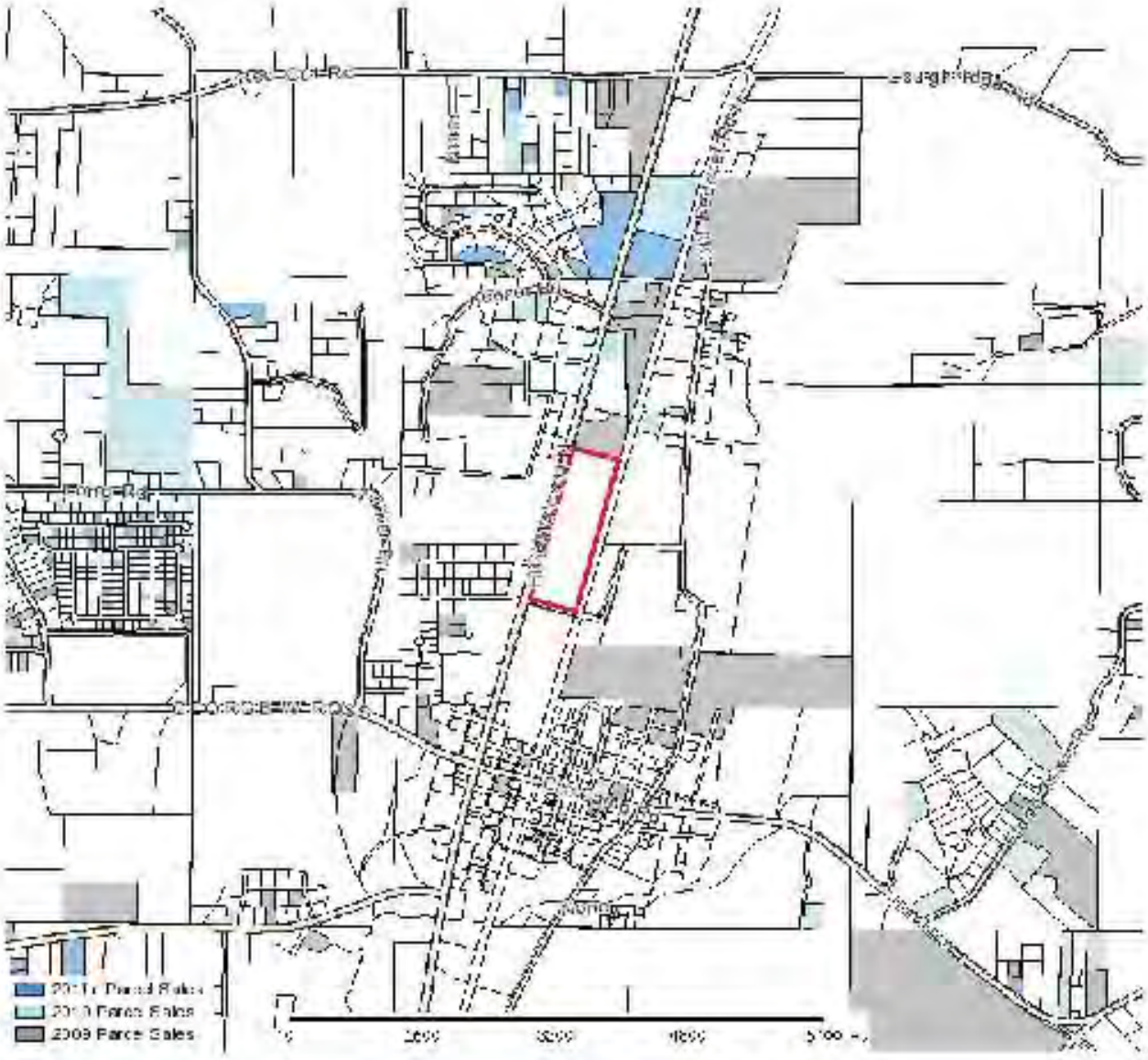
SUNRISE MANUFACTURING PLANT, HIGHWAY 411:

All that tract or parcel of land, lying and being in Land Lot 94 of the 9th District and 3rd Section of Murray County, Georgia and being more particularly described as follows:

Beginning at a point located on the southerly line of Land Lot 94 where said line intersects with the easterly right of way line of U.S. Highway 411 (variable right of way); thence proceed along the easterly right of way line of U.S. Highway 411 along the arc of the curve a distance of 187.71 feet, (said curve having a radius of 2723.21 feet, and being subtended by a chord with a bearing of North 11 degrees 21 minutes 47 seconds east and a distance of 187.67 feet); thence continuing along the easterly right of way line of U.S. Highway 411 the following courses and distances: North 09 degrees 22 minutes 56 seconds east a distance of 65.70 feet; North 15 degrees 05 minutes 33 seconds east a distance of 100.50 feet; North 00 degrees 51 minutes 04 seconds east a distance of 101.18 feet; North 09 degrees 22 minutes 55 seconds east a distance of 50.00 feet; North 80 degrees 37 minutes 05 seconds west a distance of 5.00 feet; North 09 degrees 22 minutes 55 seconds east a distance of 201.00 feet; North 80 degrees 38 minutes 36 seconds west a distance of 5.00 feet; North 09 degrees 22 minutes 55 seconds east a distance of 199.00 feet; North 80 degrees 32 minutes 49 seconds west a distance of 5.00 feet; and North 09 degrees 22 minutes 55 seconds east a distance of 559.52 feet. Thence leaving said right of way, South 77 degrees 04 minutes 17 seconds east a distance of 325.23 feet to the westerly right of way of the L & N Railroad (80 foot right of way). Thence along said L & N right of way, the following courses and distances: South 15 degrees 46 minutes 11 seconds west a distance of 424.36 feet; South 17 degrees 16 minutes 04 seconds west a distance of 157.39 feet; South 19 degrees 01 minutes 17 seconds west a distance of 153.72 feet; South 20 degrees 22 minutes 48 seconds west a distance of 94.77 feet; South 21 degrees 18 minutes 07 seconds west a distance of 87.04 feet; South 22 degrees 10 minutes 09 seconds west a distance of 87.34 feet; South 23 degrees 01 minutes 53 seconds west a distance of 88.18 feet; South 24 degrees 06 minutes 47 seconds west a distance of 93.46 feet; and South 26 degrees 11 minutes 06 seconds west a distance of 280.18 feet to the southerly line of Land Lot 94. Thence along the southerly line of Land Lot 94 South 89 degrees 59 minutes 39 seconds west a distance of 36.06 feet to the beginning point.

Said tract or parcel of land containing 6.889 acres as reflected on that Plat of Survey for Sunrise Carpet Industries, Inc. prepared by Mark G. Lee, G.R.L.S. No. 2522, and dated March 19, 1996

APPENDIX C – TAX PLAT



4140 N HWY 411			
Parcel: 0064A 080 Acres: 26.4			
Name:	ALADDIN MANUFACTURING CO	Land Value:	$742,500.00
Site:	4140 U S HWY 411	Building Value:	$3,504,800.00
Sale:	$0 on 07-1997 Reason=OC Qual=U	Misc Value:	$163,400.00
Mail:	C/O ERNST & YOUNG LLP P O BOX 52807 ATLANTA, GA 303650807	Total Value:	$4,410,700.00

Date printed: 10/27/11 ; 15:28:55

NOTE: DRAWING TAKEN FROM BOARD OF TAX ASSESSORS WEBSITE
MURRAY COUNTY, GEORGIA

DESCRIPTION:
MOHAWK INDUSTRIES, INC.
ETON, GEORGIA
TAX PLAT

DRAWN: CRH
SCALE: NTS
DATE: 12/13/11
FILE: B2618-530-0

GaiaTech

1ST SEMIANNUAL PROGRESS REPORT FOR THE FORMER DIAMOND RUG AND CARPET MILLS ETON, MURRAY COUNTY, GEORGIA HSI#10534

Prepared for:

MOHAWK INDUSTRIES, INC.
405 Virgil Drive
Dalton, Georgia

Prepared by:

GaiaTech
3525 Piedmont Road, NE
Suite 520, Building 6
Atlanta, Georgia 30305
Tel: 404-812-0001

October 2012

1ST SEMI-ANNUAL PROGRESS REPORT
FOR THE
FORMER DIAMOND RUG AND CARPET MILLS
4140 US HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
HSI#10534

PREPARED FOR:

MOHAWK INDUSTRIES, INC.
405 VIRGIL DRIVE
DALTON, GEORGIA 30722

PRESENTED TO:

GEORGIA DEPARTMENT OF NATURAL RESOURCES
2 MARTIN LUTHER KING, JR. DRIVE, SE
SUITE 1154
ATLANTA, GEORGIA 30334

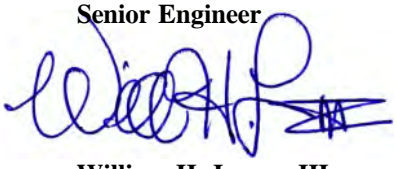
OCTOBER 2012

Prepared by:

Michael H. Wilson
Senior Project Manager

Technical Review and Concurrence by:

David S. Buchalter, P.E.
Senior Engineer



William H. Lucas, III
Project Director

GAIATECH PROJECT NO. B2618-440-1

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1.0 INTRODUCTION AND BACKGROUND

The subject property is located at 4140 North Highway 411 just north of the city limit in Murray County, Georgia. **Figure 1** illustrates the location of this site. The site is currently used for manufacturing carpet and is presently owned by the Aladdin Manufacturing Division of Mohawk Industries, Inc. (Mohawk).

The property is located within an industrial area on the north side of Eton Georgia. It is bounded on the north by a small tufting operation and undeveloped land, to the east by CSX railroad line that is bounded further to the east by other industrial facilities, to the south by Beaulieau Industries and to the west of US Highway 411 by Superior Carpets. See **Figure 2** for a site layout map.

1.1 SUMMARY OF REGULATORY STATUS

The Site was listed on the on the Georgia Hazardous Site Inventory (HSI) for a release of tetrachloroethene in groundwater at a concentration exceeding a reportable quantity on April 9, 1999. The Site was designated as a Class II site with HSI No. 10534. Since then, numerous site investigation and reporting activities have been conducted by others to further characterize the release.

GaiaTech, Inc. (GaiaTech) was retained by Mohawk to respond to a November 9, 2010 Notice of Deficiency (NOD) letter from the Georgia Environmental Protection Division (GEPD) regarding an Interim Remedial Status Report prepared by Conestoga Rovers in June of 2005. In the letter, the GEPD required additional clarification to the June 2005 report as well as additional sampling to define and characterize the extent of impact of various regulated substances in soil and groundwater.

GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Reponse Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones, which are as follows:

- **Semi-annual Progress Reports** – October 12 and April 12 through October 12, 2016;
- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval);
- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval);
- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval);
- **Submission of Compliance Status Report** – April 12, 2017.

This semi-annual progress report fulfills the first reporting milestone outlined in the schedule requirements in the April 12, 2012 VIRP approval letter and describes actions implemented since VIRP approval.

1.2 REGULATED SUBSTANCES RELEASED AND DELINEATION CRITERIA

The regulated substances detected at the site included chlorinated compounds and their typical breakdown products. These substances were prescribed by EPD in their November 9, 2010 NOD letter. The regulated substances and their respective groundwater delineation criteria are:

Regulated Constituent	CAS Number	Delineation Criteria (µg/l)
1,1-Dichloroethane (1,1-DCA)	75-34-3	4,000
1,2-Dichloroethane (1,2-DCA)	107-06-2	5
1,1-Dichloroethene (1,1-DCE)	75-35-4	7
cis-1,2-Dichloroethene (cis-1,2-DCE)	155-59-2	70
Tetrachloroethene (PCE)	127-18-4	5
Trichloroethene (TCE)	79-01-6	5
1,1,1-Trichloroethane (1,1,1-TCA)	71-55-6	200
1,1,2-Trichlorethane (1,1,2-TCA)	79-00-5	5
Vinyl Chloride (VC)	75-01-4	2

Under the framework of the VIRP approval, the above delineation criteria will have to be met on–property twelve (12) months following VIRP approval, or April 12, 2013.

2.0 ACTIVITIES COMPLETED SINCE VOLUNTARY REMEDIATION PLAN SUBMISSION

Groundwater samples were collected at the property on September 7, 2012. The purpose of the sampling was:

- To obtain current data on the concentration and distribution of the groundwater plume;
- To determine data gaps where additional delineation may be required; and
- To evaluate natural attenuation as a means of corrective action.

In addition to sampling activities, an updated receptor evaluation was conducted to further assess exposure pathways.

2.1 MONITORING WELL GAUGING AND SAMPLING ACTIVITIES

A semi-annual groundwater sampling event was conduct on September 7, 2012 to provide continued data evaluation of the groundwater plume. Samples were collected from the following monitoring wells:

- OW-2
- OW-6
- OW-7
- OW-8D
- OW-9
- MWW-1

Attempts were made to sample monitoring wells OW-1, OW-3, and OW-5 in order to include more data points for use in the evaluation of the horizontal extent of impact. However, monitoring well OW-1 was noted to be obstructed / damaged whereby an obstruction was encountered within the well at a depth of 19.5 feet. The total depth of OW-1, based upon well construction diagrams, is 28 feet from the top of casing. Further, monitoring wells OW-3 and OW-5 were buried under gravel from recent parking lot improvement activities and could not be located at the time the sampling activities were conducted. OW-3 was later determined to be destroyed, while OW-5 was located subsequent to the sampling event. OW-5 will be included in the next sampling event, which is planned as part of horizontal delineation activities prior to the next semi-annual reporting event.

2.1.1 Groundwater Elevation

Water level information from the September 7, 2012 sampling event is summarized on **Table 1**. The water level data was used to determine the volume of water to be purged from each well prior to sample collection, as well as the static groundwater elevation in each well. Individual monitoring well purge volumes were calculated as follows:

Depth of well (ft) - Static water level (ft) = Column of water (ft)

Column of water (linear ft) x 0.17 gallons/ft. x 3 well volumes = Gallons of water to purge

Prior to well purging and sampling, the depth to water in each monitoring well was measured at the marking indication for the top of casing elevation with an electronic water level indicator. Each well measurement was recorded by slowly lowering the indicator probe into the well until the audible and visual signal indicated the static water surface had been reached. Subsequently, the elevation was then recorded to the nearest 0.01 foot. The well data was recorded on field logs which are included in the Monitoring Well Purging & Sampling Information Sheets of **Appendix A**. The groundwater elevation of select monitoring wells were utilized to prepare a potentiometric map of water levels recorded during the September 7, 2012 sampling event. This potentiometric map for the shallow unconfined water table is included as **Figure 3.**

According to potentiometric data, groundwater at the property appears to be flowing to the southeast. The water level elevation data also suggests a separate elevation regime in monitoring wells screened in the deeper water bearing zones. For example, the water level elevation in OW-8D is 734.06 versus the nearest adjacent shallow monitoring well OW-2 with a water level elevation of 757.31. The relationship between the deeper and shallow groundwater flow regimes will be further characterized as the conceptual site model is updated in subsequent semi-annual reporting events.

2.1.2 Well Purging

Well purging and sampling activities were conducted in accordance with the U.S. Environmental Protection Agency (EPA) Science and Ecosystem Support Division (SESD) Operating Procedure (OP) for Groundwater Sampling (SESDPROC-301-R2, October 2011; Sections 3.2.1.1.1 and 3.2.1.1.2). Prior to sample collection, each well was purged via peristaltic pump with the exception of MWW-1, which was purged via stainless steel electric submersible pump with dedicated tubing. The intent was to remove stagnant water from the screened portion of the wells and to allow for the collection of groundwater samples that are representative of the surrounding formation. The pump and discharge tubing or peristaltic suction tubing was slowly lowered into the well, and placed approximately in the center of the measured water column. If the top of the water column interface was discernible during pump deployment, then the pump was lowered a distance of approximately half of the calculated static water column. In the event that the top of the static water column was not discernible during pump deployment, then, upon encountering the bottom of the well, the pump was raised a distance of approximately half of the static water column to position the pump in the middle of the static water column.

The monitoring wells were purged at a low flow rate in an attempt not to evacuate all the water from the wells such that the water column was not purged dry. However, due to drought conditions, many of the monitoring wells were purged dry. During the purging process, the flow was adjusted as necessary to mimic the natural recharge rate of the well in order to minimize aquifer stress. During the well purging process,

discrete samples were collected at pre-determined intervals and analyzed for field parameters which included temperature, pH, specific conductance, turbidity, dissolved oxygen (DO), total dissolved solids (TDS), and oxidation-reduction potential (ORP). The results of these measurements are presented on the Field Water Quality Sampling Forms in **Appendix A**. The wells were purged of a minimum of three well volumes, until the field parameters stabilized, or until the wells were purged dry, whichever occurred first.

During the September 2012 sampling event, monitoring well OW-9 was purged dry likely due to drought conditions. Other monitoring wells exhibited very slow recharge rates. On average, static water levels at the property were over six (6) feet lower than the previous sampling event in March of 2011.

2.1.3 Sampling Procedures

Groundwater sampling was conducted in accordance with procedures outlined in SESD Operating Procedures for Groundwater Sampling (SESDPROC-301-R2, October 2011; Sections 4.3.1.1 and 4.3.1.3). Groundwater samples were collected following well purging and appropriate recharge. Copies of the data recorded during purging activities are included in the Field Water Quality Sampling Forms shown in **Appendix A**.

Where peristaltic pumping was incorporated, the samples were collected via the "straw method" whereby the tubing was allowed to fill with groundwater, the pump was shut off, and the suction portion of the tubing was withdrawn from the well with a thumb placed over the tubing end. The tubing was then withdrawn from the well and then carefully poured into the supplied laboratory containers. The sample collected from MWW-1 was collected directly from the discharge tubing under low flow conditions. The laboratory-supplied sample containers were then carefully filled and labeled. Required sample volumes, types of containers, sample preservatives, and holding times followed guidelines presented in SESD the most current guidelines.

Sample containers were labeled and placed in iced containers for storage to maintain a temperature of 4^{o} C. Chain-of-custody procedures were used to record and document sample times and changes of possession.

2.1.4 Decontamination Procedures

2.1.4.1 Water Level Indicator

Subsequent to measuring groundwater elevations as described above, the electronic water level indicator tape was decontaminated between each monitoring well measurement in accordance with SESDPROC-205-R-2, December 2011, by:

- Alkanox and tap water wash;
- Tap water rinse; and
- Deionized water rinse.

In addition to decontamination procedures, monitoring wells were measured from least to most impacted to minimize any potential cross-contamination issues.

2.1.4.2 Submersible Groundwater Pumps

A submersible pump was utilized solely for monitoring well MWW-1. As the pump was not utilized for any additional monitoring well locations, field decontamination was not necessary.

2.1.5 Analytical Procedures

Analytical parameters included VOCs utilizing EPA Method 8260. In addition, the GEPD had expressed concerns in a meeting on August 25, 2011 and in the VIRP comment letter dated April 12, 2012 that metals mobilization may have occurred as a result of permanganate injections in May 2002 through June of 2004. As such, analysis of inorganic parameters was conducted in monitoring wells OW-2 and MWW-1 during sampling activities conducted on September 7, 2012. Theses samples were specifically analyzed for iron, arsenic, lead, barium, selenium, cadmium, chromium, manganese, and copper.

Select monitoring wells (OW-6 & MWW-1) were sampled for monitored natural attenuation parameter analysis. Specifically, MNA parameters included:

- Light Hydrocarbons (Methane, Ethane, and Ethene);
- Dissolved Hydrogen;
- Ion Scan (NO3, SO4, Cl);
- Sulfide;
- Total Organic Carbon; and
- Ferrous Iron (dissolved).

3.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) will be updated and revised as site assessment activities and receptor characterization continue. The following is the updated CSM as of the data available at the time of this report.

3.1 SOIL DATA

The VIRP submitted in December 2011 stated that the concentrations of remaining soils did not exceed the notification concentrations found in Appendix I of the Rules for Hazardous Site Response of Type 1 Risk Reduction Standard. The GEPD disagreed in the VIRP comment letter dated April 12, 2012 (Comment #4) pointing out that soil boring BH-5 exhibited a PCE concentration of 580 μg/kg, which does not meet the Type 1 RRS of 500 μg/kg.

Soil treatment was previously conducted in the area of the former dye sump and gravel drain field. Shallow soils (upper 10 feet) were treated in three phases: the first in December 2002, the second in April 2003, and the third in June 2004. The treatment activities, coupled with natural degradation, appear to have reduced concentrations significantly.

BH-5 was collected on May 14, 2002 and was advanced within the area of the gravel drain field. A soil sample collected at a 2 foot depth interval exhibited a PCE concentration of 0.580 mg/kg. This area was later remediated via soil injection of potassium permanganate in December 2002, April 2003, and June 2004. The concentration of BH-5 indicates that PCE exceeded RRS criteria in May of 2002; however, the sample location was never re-sampled subsequent to the permanganate treatment to verify that the detection had been successfully remediated.

Additional soil sampling is proposed in/around the location of BH-5 to confirm that remedial efforts reduced soil impacts to below the applicable RRS for PCE.

3.2 GROUNDWATER DATA

A total of six (6) groundwater monitoring wells were sampled on September 7, 2012. Samples were analyzed for VOCs via Method 8260, inorganic analysis of select metals via EPA Method 6010, and MNA parameters. The following summarizes analytical findings of the sampling efforts:

3.2.1 Volatile Organic Compounds

Of the six groundwater monitoring wells sampled, three (OW-6, OW-8D, and MWW-1) reported detections of VOCs above the laboratory detection limits. The following is a summary of these detections:

1,1-Dichloroethane (1,1-DCA): 1,1-DCA concentrations were reported in monitoring wells OW-6 at a concentration of 34 μg/l and OW-8D at a concentration of 8.1 μg/l during the September 2012 sampling event. Historically, the most elevated

concentration of 1,1-DCE was reported in monitoring well OW-6 at a concentration of 40 μg/l in December of 2004. Concentrations of 1,1,-DCA have historically fluctuated in OW-6 and decreased in OW-8D. The detection of 8.3 ug/l of 1,1-DCE at OW-8D during the September 2012 event slightly exceeds the Type 1/3 RRS.

The horizontal extent of 1,1-DCA is presented on **Figure 4.**

1,1-Dichloroethene (1,1-DCE): 1,1-DCE concentrations were reported in monitoring wells OW-6 at a concentration of 5 μg/l and OW-8D at a concentration of 8.3 μg/l during the September 2012 sampling event. Historically, the most elevated concentration of 1,1-DCE was reported in monitoring well OW-2 at a concentration of 14 μg/l in May of 2002. Concentrations of 1,1-DCE have been reported below the laboratory detection limits in OW-2 in subsequent sampling events. The Type 1/3 RRS for 1,1,-DCE is 7 μg/kg. Currently, monitoring well OW-8D slightly exceeds the Type 1/3 RRS groundwater criteria for 1,1-DCE of 7 μg/l.

The horizontal extent of 1,1-DCE is presented on **Figure 5.**

Tetrachloroethene (PCE): PCE concentrations were reported in monitoring wells: OW-6 at a concentration of 6.4 μg/l; OW-8D at a concentration of 17 μg/l; and 10 μg/l in monitoring well MWW-1 during the September 2012 sampling event. Historically, the most elevated concentration of PCE was reported in monitoring well OW-1 (the "source area") at a concentration of 96 μg/l in May 2002. Remedial measures involving the injection of potassium permanganate were implemented in the source area and plume footprint in 2002 through 2004. Since that time, the source area concentrations of OW-1 were reduced to 7.8 μg/l as of the last documented sampling event in January 2005. An attempt was made to sample OW-1 during the September 2012 sampling event, however, the water level probe was only able to advance to a depth of 19.5 feet below top of casing due to well damage or an obstruction in the casing. The total depth of OW-1, based upon well construction log information is 28 feet.

Based upon the evaluation of current analytical data, the concentrations of PCE generally have remained stable in OW-6, OW-8D, and MWW-7. The Type 1/3 RRS for PCE is 5 μg/kg. Currently, monitoring well OW-6, OW-8D, and MWW-1 exceed the Type 1/3 RRS groundwater criteria for PCE. The horizontal extent of PCE is presented on **Figure 6.**

All other detections of VOCs were reported below the laboratory detection limits. Analytical data are summarized on **Table 2** while the laboratory analytical data reports and accreditation are provided in **Appendix B**. Analytical data trend graphs are provided in **Appendix C**.

3.2.2 Inorganic Groundwater Data

Analysis of inorganic parameters was conducted in monitoring wells OW-2 and MWW-1 during sampling activities conducted on September 7, 2012. Theses samples were specifically analyzed for iron, arsenic, lead, barium, selenium, cadmium, chromium, manganese, and copper. Of the listed analytes, barium, chromium, and manganese were reported above the laboratory detection limit. The detections of barium and chromium were compared to the Type 1 groundwater residential RRS criteria. Barium and chromium concentrations did not exceed their respective Type 1 groundwater criteria of 2,000 μg/l and 100 μg/l, respectively. Manganese does not currently have a published Type 1 criteria under HSRA. As such, the detections of Manganese were compared to the U.S. Environmental Protection Agency's National Secondary Drinking Water Regulations (NSDWRs or secondary standards). These standards are usually based upon cosmetic or aesthetic characteristics and are usually not enforceable unless state programs choose to include enforcement mechanisms for NSDWRs. The detections of manganese in OW-2 and MWW-1 did not exceed the NSDWR standard of 50 μg/l.

Analytical data for inorganic compounds are summarized in **Table 3** while the laboratory analytical data reports and accreditation are provided in **Appendix B**.

3.2.3 Monitored Natural Attenuation Data

In order to evaluate MNA as an applicable corrective action technology for the property, select monitoring wells (OW-6 & MWW-1) were sampled for limited MNA analysis via fixed-facility analytical testing. Specifically, these limited MNA parameters included:

- Light Hydrocarbons (Methane, Ethane, and Ethene);
- Dissolved Hydrogen;
- Ion Scan (NO3, SO4, Cl);
- Sulfide;
- Total Organic Carbon; and
- Ferrous Iron (dissolved).

In addition, groundwater quality parameters were measured with field instrumentation and included the following:

- pH;
- Temperature;
- Conductivity;
- Dissolved Oxygen; and
- Oxidation –Reduction Potential.

As a preliminary part of the groundwater predictive fate & transport modeling activities, a MNA screening protocol scoring sheet was completed. This scoring sheet utilizes various chemical and geochemical field parameter and inputs to the screening model derived from the analytical testing and/or field measurements above to evaluate

whether or not the Site is conducive for natural attenuation. Based on the inputs, a score is derived indicating the potential or favorability for natural attenuation processes to occur at the Site. The full list of parameters evaluated by the MNA screening model includes:

- Dissolved Oxygen, Nitrate, Iron II, Sulfate, Sulfide, Methane, Oxidation Reduction Potential (ORP), pH, Total Organic Carbon (TOC), Temperature, Carbon Dioxide, Alkalinity, Chloride, Hydrogen, Volatile Fatty Acids, BTEX, PCE, TCE, DCE, VC, DCA, Chloroethane, Ethene/Ethane, Chloroform, and Dichloromethane.

Scoring ranges are as follows:

INTERPRETATION SCORE

Inadequate evidence for anaerobic biodegradation of chlorinated organics =>	0 - 5
Limited evidence for anaerobic biodegradation of chlorinated organics =>	6 - 14
Adequate evidence for anaerobic biodegradation of chlorinated organics =>	15 - 20
Strong evidence for anaerobic biodegradation of chlorinated organics =>	> 20

The resulting score, based on input values, was 12; thus indicating that limited evidence exists for anaerobic biodegradation of chlorinated organics at the site. Future activities will evaluate additional MNA parameters (i.e., volatile fatty acids, hydrogen, carbon dioxide, etc.) to further characterize the MNA potential at the site.

The MNA analytical data are summarized on **Table 4** while the laboratory analytical data reports and accreditation for fixed facility testing are provided in **Appendix B**. The natural attenuation screening protocol inputs and outputs are included as **Appendix D** to this report.

3.3 RECEPTOR SURVEY

3.3.1 Groundwater Pathway

An updated groundwater receptor survey will be conducted in conjunction with groundwater modeling and delineation activities to determine if there are any downgradient drinking water receptors. If no receptors are identified, a hypothetical point of demonstration well 1,000 feet from the delineated groundwater plume will be utilized for groundwater modeling purposes, if applicable.

3.3.2 Surface Water Pathway

Mill Creek is located approximately 1,000 feet east of the site (see Figure 1) and flows in a north-south direction. Topographic gradients in the vicinity of the property slope in a southeasterly direction toward Mill Creek mirroring groundwater flow direction data from site monitoring wells. It would stand to reason that shallow groundwater flow is following surface topography, which would ultimately drain to Mill Creek. Currently, the downgradient edge of the plume is not defined. However, additional groundwater activities will further define the plume edge such that plume migration toward Mill

Creek may be monitored.

3.3.3 Soil Pathway

The VIRP comment letter dated April 12, 2012 indicated that a detection of PCE of 0.580 mg/kg at soil boring BH-5 at 2 feet did not meet any RRS criteria. Additionally, the comment letter further stated that, because the RRS criteria are exceeded, the EPD cannot confirm that the inhalation, ingestion, and dermal contact risks are minimal. However, the area in/around BH-5 was treated with potassium permanganate injections in 2002, 2003, and 2004. Thus, it is likely that this detection of PCE in BH-5 at 2 feet was remediated to below RRS criteria as a result of these remedial efforts.

Additional evaluation of soil concentrations in/around BH-5 will be conducted as part of delineation activities to confirm current concentrations in/around BH-5 and to confirm post-remedial soil concentrations.

3.3.4 Vapor Intrusion Pathway

The only groundwater monitoring well evaluating impacts below building structures was monitoring well OW-6. The concentration of groundwater detected in OW-6 during the September 2012 sampling event were entered into the EPA's Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 2.0, May 2012 RSLs. Evaluating these levels using the OSWER calculator indicates that the shallow groundwater levels of PCE are below the guidance levels using a 1×10^{-5} risk factor based on residential usage. Therefore, the vapor exposure pathway does not pose a significant risk to workers at the site. A copy of the GWC-IAC is included in **Appendix E**.

4.0 PROPOSED INVESTIGATION PLAN

It is the intent of Mohawk to remove the Site from the HSI through implementation of an efficient voluntary remediation plan which is protective of human health and the environment. This section outlines the proposed corrections actions anticipated to satisfy the requirements set forth in the Georgia Voluntary Remediation Program Act.

4.1 ADDITIONAL SOILS ASSESSMENT

Soil treatment was previously conducted in the area of the former dye sump and gravel drain field. Shallow soils (upper 10 feet) were treated in three phases: the first in December 2002, the second in April 2003, and the third in June 2004. The treatments coupled with natural degradation appear to have reduced concentrations significantly.

One soil sample, BH-5, was collected on May 14, 2002. BH-5 was advanced within the area of the gravel drain field and exhibited a PCE concentration of 0.580 mg/kg at a sample collected from 2 feet below land surface. The same area where BH-5 was installed was later remediated via soil injection of potassium permanganate in December 2002, April 2003, and June 2004. The concentration of BH-5 indicates that PCE exceeded RRS criteria I May of 2002, however, the sample location was never re-sampled to verify that the detection had been successfully remediated.

Additional soil sampling is proposed in/around the location of BH-5 to confirm that remedial efforts reduced soil impacts to below the applicable RRS for PCE. Proposed soil confirmatory locations are depicted on **Figure 7**.

4.2 ADDITIONAL GROUNDWATER ASSESSMENT

Groundwater samples were collected from a total of six (6) monitoring wells on September 7, 2012. Specifically, groundwater monitoring wells OW-2, OW-6, OW-7, OW-8D, OW-9, and MWW-1 were sampled. Attempts were made to sample additional monitoring wells however, the wells were either damaged (OW-1), destroyed (OW-3), or could not be located at the time of the site visit due to newly placed gravel (OW-5). The analysis of samples from available monitoring wells revealed data gaps in the horizontal and vertical extent of groundwater impact.

4.2.1 Shallow Groundwater Investigation/Remediation

Additional groundwater delineation is needed:

- north of the former location of OW-3 to define the northern extent of impact; west of OW-6 to define the western extent of impact; and
- southeast of MWW-1 to define the downgradient extent of impact.

Monitoring well OW-5 was found (previously covered with gravel) and will be utilized to define the southern extent of impact.

Figure 7 presents the proposed horizontal groundwater sampling locations.

4.2.2 Deep Groundwater Investigation/Remediation

Presently, monitoring well OW-8D is the deepest well at the VIRP property. The latest round of groundwater samples collected in September 2012 indicates that concentrations in OW-8D are decreasing. Deep groundwater assessment evaluation will continue as the CSM is updated with the goal of vertical delineation within 30 months of VIRP approval, as detailed in the April 12, 2012 schedule.

5.0 PROFESSIONAL CERTIFICATION AND SUMMARY OF HOURS

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

David S. Buchalter, P.E.
Georgia Professional Engineer

A summary of Professional Engineer hours expended as part of the initial application and this semi-annual progress report are included as **Appendix F**.

6.0 SCHEDULE

GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Reponses Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones, which are as follows:

- **Semi-annual Progress Reports** – October 12 and April 12 through October 12, 2016;
- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semiannual Progress Report (12 months from VIRP Approval);
- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semiannual Progress Report (24 months from VIRP Approval);
- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semiannual Progress Report (30 months from VIRP Approval);
- **Submission of Compliance Status Report** – April 12, 2017.

The next semi-annual progress report will demonstrate complete horizontal delineation on property and will be submitted on April 12, 2012.

2nd SEM-IANNUAL PROGRESS REPORT FOR THE FORMER DIAMOND RUG AND CARPET MILLS ETON, MURRAY COUNTY, GEORGIA HSI#10534

Prepared for:

MOHAWK INDUSTRIES, INC.
405 Virgil Drive
Dalton, Georgia

Prepared by:

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Tel: 404-812-0001

April 2013

2ND SEMI-ANNUAL PROGRESS REPORT
FOR THE
FORMER DIAMOND RUG AND CARPET MILLS
4140 US HIGHWAY 411
ETON, MURRAY COUNTY, GEORGIA
HSI#10534

PREPARED FOR:

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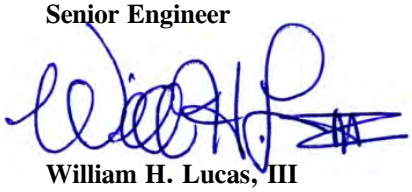

William H. Lucas, III
Project Director

GAIATECH PROJECT NO. 150314.421.00

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1.0 INTRODUCTION AND BACKGROUND

The subject property is located at 4140 North Highway 411 just north of the city limit in Murray County, Georgia. **Figure 1** illustrates the location of this site. The site is currently used for manufacturing carpet and is presently owned by the Aladdin Manufacturing Division of Mohawk Industries, Inc. (Mohawk).

The property is located within an industrial area on the north side of Eton Georgia. It is bounded on the north by a small tufting operation and undeveloped land, to the east by CSX railroad line that is bounded further to the east by other industrial facilities, to the south by Beaulieau Industries and to the west of US Highway 411 by Superior Carpets. See **Figure 2** for a site layout map.

1.1 SUMMARY OF REGULATORY STATUS

The Site was listed on the Georgia Hazardous Site Inventory (HSI) for a release of tetrachloroethene (PCE) in groundwater at a concentration exceeding a reportable quantity on April 9, 1999. The Site was designated as a Class II site with HSI No. 10534. Since then, numerous site investigation and reporting activities have been conducted by others to further characterize the release.

GaiaTech, Inc. (GaiaTech) was retained by Mohawk to respond to a November 9, 2010 Notice of Deficiency (NOD) letter from the Georgia Environmental Protection Division (GEPD) regarding an Interim Remedial Status Report prepared by Conestoga Rovers in June of 2005. In the letter, the GEPD required additional clarification to the June 2005 report as well as additional sampling to define and characterize the extent of impact of various regulated substances in soil and groundwater.

GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Response Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones, which are as follows:

- **Semi-Annual Progress Reports** – October 12 and April 12 through October 12, 2016;
- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval);
- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval);
- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval);
- **Submission of Compliance Status Report** – April 12, 2017.

This semi-annual progress report fulfills the second reporting milestone of complete horizontal delineation on the qualifying Property outlined in the milestone schedule outlined in the April 12, 2012 VIRP approval letter and describes actions implemented since VIRP approval.

1.2 REGULATED SUBSTANCES RELEASED AND DELINEATION CRITERIA

The regulated substances detected at the site included chlorinated compounds and their typical breakdown products. These substances were prescribed by EPD in their November 9, 2010 NOD letter. The regulated substances and their respective groundwater delineation criteria are:

Regulated Constituent	CAS Number	Delineation Criteria (µg/l)
1,1-Dichloroethane (1,1-DCA)	75-34-3	4,000
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1,1-Dichloroethene (1,1-DCE)	75-35-4	7
cis-1,2-Dichloroethene (cis-1,2-DCE)	155-59-2	70
Tetrachloroethene (PCE)	127-18-4	5
Trichloroethene (TCE)	79-01-6	5
1,1,1-Trichloroethane (1,1,1-TCA)	71-55-6	200
1,1,2-Trichlorethane (1,1,2-TCA)	79-00-5	5
Vinyl Chloride (VC)	75-01-4	2

This Semi-Annual Progress Report is intended to demonstrate that on-property delineation criteria have been met for the above listed compounds in soil and groundwater.

2.0 ACTIVITIES COMPLETED SINCE VOLUNTARY REMEDIATION PLAN SUBMISSION

Groundwater samples were previously collected at the property on September 7, 2012 as part of activities related to the 1st Semiannual Progress Report. The purpose of the sampling was:

- To obtain current data on the concentration and distribution of the groundwater plume;
- To determine data gaps where additional delineation may be required; and
- To evaluate natural attenuation as a potential means of corrective action.

The results of the September 2012 sampling evaluation revealed that several data gaps existed in defining the horizontal distribution of the groundwater plume. As such, activities were implemented in February 2013 to augment existing data and to close these data gaps via the installation of additional groundwater monitoring wells. A total of three monitoring were installed to define the groundwater plume to the west (OW-10), north (OW-11), and east (OW-12). In addition, select groundwater monitoring wells were also sampled concurrently with well installation activities to provide a more comprehensive groundwater plume definition. Specifically, monitoring wells OW-5, OW-7, and OW-9 were included as part of this sampling evaluation.

The analytical testing results of the February 2013 sampling evaluation revealed that additional delineation of the groundwater plume was needed to the south. As such, one additional monitoring well (OW-13) was subsequently installed in March 2013 to the south in order to complete the horizontal delineation of groundwater impact.

In addition to groundwater delineation, additional soil delineation activities were also conducted. In a letter dated April 12, 2012 from the Georgia EPD, additional soil characterization was requested to address a detection of PCE in soil boring BH-5. This area had previously been sampled as part of assessment activities in May 2002. A sample collected at a depth of 2 feet exhibited a PCE concentration of 0.580 mg/kg, which was above the Type 1 RRS of 0.500 mg/kg. The area was later remediated via a series of potassium permanganate soil injection activities in December 2002, April 2003, and June 2004. However, the soil boring location was never sampled for post-remedial verification. As such, additional soil sampling activities were implemented to address the prior PCE detection in BH-5.

2.1 MONITORING WELL INSTALLATION ACTIVITIES

The monitoring wells (OW-10 to OW-13) were constructed of 2-inch diameter, flush coupled, Schedule 40 PVC. The monitoring wells were installed with a screen slot size of 0.010 inches and length of 15 feet. Completion depths for the monitoring wells range from approximately 30 to 45 ft-bgs.

At each monitoring well location, the screened interval was set across the water table to allow for seasonal water level fluctuations. A sand pack was placed extending from the bottom to at least two feet above the screen and was constructed with a minimum 2-foot thick bentonite seal placed above the sand pack. The annular space was filled with a hydrated bentonite to the

surface. Each well was fitted with a flush-mounted, bolt-down steel protective cover. A distinctive marking was placed on the top of each well casing which serves as a benchmark for surveying purposes.

Soil borings for each of the wells were advanced utilizing hollow-stem auger drilling methods. Following installation, each monitoring well was developed by purging the well with an electric submersible pump with dedicated discharge tubing until the water was relatively free of suspended solids, and the pH, temperature and conductivity in the water had equilibrated. Water quality parameters of pH, temperature, conductivity, and turbidity were measured throughout the purging process using a Horiba U-53 Water Quality Monitor. These instruments provided real-time measurements of temperature, pH, specific conductivity and turbidity of the purge water as it was removed from the wells. Monitoring well construction diagrams are included in **Appendix A**. Water quality sampling forms for well development are included in **Appendix B**.

2.2 MONITORING WELL GAUGING AND SAMPLING ACTIVITIES

A semi-annual groundwater sampling event was conduct on February 26, 2013 to provide continued data evaluation of the groundwater plume. Samples were collected from the following monitoring wells:

- OW-5
- OW-7
- OW-9
- OW-10
- OW-11
- OW-12
- OW-13

In the previous semi-annual monitoring event, monitoring wells OW-3 and OW-5 were buried under gravel from recent parking lot improvement activities and could not be located at the time the sampling activities were conducted. OW-3 was later determined to be destroyed, while OW-5 was located subsequent to the sampling event and utilized as part of these current activities to define the extent of groundwater impact. Monitoring well OW-3 was replaced by OW-11 to delineate the plume to the north and monitoring wells OW-10, OW-12 and OW-13 were utilized to define the horizontal distribution of impact to the west, east, and south, respectively.

2.1.1 Top Casing Survey and Groundwater Elevation Measurements

Water level information from the February and March sampling events are summarized on **Table 1**. The water level data was used to determine the volume of water to be purged from each well prior to sample collection, as well as the static groundwater elevation in each well. GaiaTech measured the relative top of casing elevations of newly installed wells utilizing previously recorded survey data from existing site monitoring wells. Discrepancies in the elevations of existing monitoring wells necessitated a new round of top of casing measurements such that an accurate portrayal

of the potentiometric surface could be depicted. Part of future activities may involve the re-surveying of existing monitoring wells by a Georgia Registered Land Surveyor. Individual monitoring well purge volumes were calculated as follows:

Depth of well (ft) - Static water level (ft) = Column of water (ft)

Column of water (linear ft) x 0.17 gallons/ft. x 3 well volumes = Gallons of water to purge

Prior to well purging and sampling, the depth to water in each monitoring well was measured at the marking indication for the top of casing elevation with an electronic water level indicator. Each well measurement was recorded by slowly lowering the indicator probe into the well until the audible and visual signal indicated the static water surface had been reached. Subsequently, the elevation was then recorded to the nearest 0.01 foot. The well data was recorded on field logs which are included in the Water Quality Sampling Forms in **Appendix B**. The groundwater elevation of select monitoring wells was utilized to prepare a potentiometric map of water levels recorded on March 18, 2013. This potentiometric map for the shallow unconfined water table is included as **Figure 3.** According to potentiometric data, groundwater at the property appears to be flowing to the southeast towards Mill Creek.

2.1.2 Well Purging

Well purging and sampling activities were conducted in accordance with the U.S. Environmental Protection Agency (EPA) Science and Ecosystem Support Division (SESD) Operating Procedure (OP) for Groundwater Sampling (SESDPROC-301-R2, October 2011; Sections 3.2.1.1.1 and 3.2.1.1.2). GaiaTech acknowledges a revision to the SESD procedures for Groundwater Sampling dated March 6, 2013. A review of the March 2013 SESD revisions indicated no significant changes to well purging or sampling procedures, as implemented following the prior (October 2011) version of sampling protocol.

Prior to sample collection, monitoring wells OW-5, OW-7 and OW-9 were purged via peristaltic pump; while OW-10 through OW-13 were purged via a stainless steel electric submersible pump with dedicated tubing. The intent was to remove stagnant water from the screened portion of the wells and to allow for the collection of groundwater samples that are representative of the surrounding formation. The pump and discharge tubing or peristaltic suction tubing was slowly lowered into the well, and placed approximately in the center of the measured water column. If the top of the water column interface was discernible during pump deployment, then the pump was lowered a distance of approximately half of the calculated static water column. In the event that the top of the static water column was not discernible during pump deployment, then, upon encountering the bottom of the well, the pump was raised a distance of approximately half of the static water column to position the pump in the middle of the static water column.

The monitoring wells were purged at a low flow rate in an attempt not to evacuate all the water from the wells such that the water column was not purged dry. However, many of the monitoring wells were purged dry. During the purging process, the flow was adjusted as necessary to mimic the natural recharge rate of the well in order to minimize aquifer stress. During the well purging process, discrete samples were collected at pre-determined intervals and analyzed for field parameters which included temperature, pH, specific conductance, turbidity, dissolved oxygen (DO), total dissolved solids (TDS), and oxidation-reduction potential (ORP). The results of these measurements are presented on the Water Quality Sampling Forms in **Appendix B**. The wells were purged of a minimum of three well volumes, until the field parameters stabilized, or until the wells were purged dry, whichever occurred first.

2.1.3 Sampling Procedures

Groundwater sampling was conducted in accordance with procedures outlined in SESD Operating Procedures for Groundwater Sampling (SESDPROC-301-R2, October 2011; Sections 4.3.1.1 and 4.3.1.3). Groundwater samples were collected following well purging and appropriate recharge. Copies of the data recorded during purging activities are included in the Water Quality Sampling Forms shown in **Appendix B**.

Where peristaltic pumping was incorporated, the samples were collected via the "straw method" whereby the tubing was allowed to fill with groundwater, the pump was shut off, and the suction portion of the tubing was withdrawn from the well with a thumb placed over the tubing end. The tubing was then withdrawn from the well and then carefully poured into the supplied laboratory containers. The samples collected from OW-10 to OW-13 were collected directly from the discharge tubing under low flow conditions. The laboratory-supplied sample containers were then carefully filled and labeled. Required sample volumes, types of containers, sample preservatives, and holding times followed guidelines presented in SESD the most current guidelines.

Sample containers were labeled and placed in iced containers for storage to maintain a temperature of 4^{o} C. Chain-of-custody procedures were utilized to record and document sample times and changes of possession.

2.1.4 Decontamination Procedures

2.1.4.1 Water Level Indicator

Subsequent to measuring groundwater elevations as described above, the electronic water level indicator tape was decontaminated between each monitoring well measurement in accordance with SESDPROC-205-R2, December 2011, by:

- Alconox and tap water wash;
- Tap water rinse; and
- Deionized water rinse.

In addition to decontamination procedures, monitoring wells were measured from least to most impacted to minimize any potential cross-contamination issues.

2.1.4.2 Submersible Groundwater Pumps

Subsequent to well purging and sampling described above, the stainless steel submersible pump was decontaminated between each monitoring well measurement in accordance with SESDPROC-205-R2, December 2011, by:

- Alconox and tap water wash;
- Tap water rinse; and
- Deionized water rinse.

2.1.5 Analytical Procedures

Analytical parameters included VOCs utilizing EPA Method 8260B.

2.3 SOIL SAMPLING ACTIVITIES

A total of five soil borings were advanced in/and around the location of the prior detection of PCE in soil boring sample location BH-5 which was collected in 2002. One sample, BH-5 (4'), was collected in the approximate location of BH-5 at a depth of 4 feet. Additional soil borings were advanced approximately 10 feet laterally from the location of BH-5 and 2 feet in depth in the four geographic directions (i.e., north, south, east, and west). As such, these sampled were designated BH-5N, BH-5S, BH-5E, and BH-5W.

Direct push technology (DPT) sampling methods were used to collect the soil samples in order to minimize investigation-derived waste. The method also allowed sampling of discrete intervals with minimal interference from flowing sands and/or cave-ins that sometime occur during augering operations. The direct-push sampling method involved pushing a closed, five-foot sampling core barrel equipped with an inner acetate liner to a desired depth. Once the desired strata were penetrated, the core barrel was withdrawn from the borehole and the inner acetate liner sleeve was removed with the sample core interval. The acetate sleeve was then cut open to expose the soil core for sample collection purposes and documentation of lithologic observations.

A soil boring log was maintained for each boring installed. Each log contained general Property information and specific information about each boring including: date sampled, sampling method, sampler, sample identification number, sample interval, field-screening results, a lithologic description and comments. No field screening of soils was conducted as the sample depth intervals around BH-5 were pre-determined. Soil boring logs are included in **Appendix D.**

Soil samples were collected utilizing EPA Method 5035. Samples for laboratory analysis were collected at the selected depth interval in a manner to minimize disturbance of the soil core. Sample jars filled for possible laboratory analysis were immediately labeled and stored on ice in a cooler.

2.3.1 Sample Handling and Preservation Techniques

Soil samples were collected, via direct push technology, in a stainless steel 5 foot core barrel with an acetate sleeve insert for each sample collected. The sampling core barrel was decontaminated between each depth interval in order to mitigate any cross contamination of depth intervals. Upon recovery of a sample, the acetate sleeve was removed from the barrel and cut open to expose the soil core.

Soil was immediately sampled for VOCs by inserting a syringe-type sampling device into the soil core and placing the recovered sample into two (2) pre-labeled, 40-ml vials preserved with sodium bisulfate, and one (1) pre-labeled, 40-ml vial preserved with methanol for low level volatile organic analysis preservation. Additionally, a pre-labeled and un-preserved, 2 ounce jar was filled with soil in the event that high level VOC analysis was warranted. The recovered samples were then logged on the respective chain of custody sheet and placed on ice for hand-delivery to Analytical Environmental Services, Inc., (AES) of Atlanta, Georgia, a National Environmental Laboratory Accreditation Conference (NELAC) certified laboratory. Chain-of-custody documents accompanied each shipment.

2.3.2 Decontamination Procedures

All non-disposable sampling equipment was decontaminated before and between each sample by washing with phosphate-free laboratory grade detergent and potable water, rinsed with distilled water, and rinsed with organic-free deionized water. Equipment transported to a sampling point from the decontamination area was wrapped in aluminum foil. Throughout the sampling and decontamination procedures, new disposable gloves were worn when equipment was handled.

2.3.3 Laboratory Methods

Analyses were performed according to approved EPA methods. Soil samples were collected via Method 5035 for low level volatile organic soil sampling and submitted for VOC analysis via Method 8260B. The Quantitation Limit for each compound was based on the laboratory's self-determined Practical Quantitation Limit (PQL).

2.3.4 QA/QC

Quality control samples were analyzed during each assessment. Trip blanks were provided by the laboratory and consisted of 40-ml vials filled with water. The results of the trip blank analysis and Surrogate analysis, as well as backup QA/QC data for these soil samples, are included in the laboratory analytical results included in **Appendix C**.

3.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) will be updated and revised as site assessment and receptor characterization activities continue. The following is the updated CSM as of the data available at the time of this report.

3.1 SOIL DATA

The VIRP submitted in December 2011 stated that the concentrations of remaining soils did not exceed the notification concentrations found in Appendix I of the Rules for Hazardous Site Response of Type 1 Risk Reduction Standard. The GEPD disagreed in the VIRP comment letter dated April 12, 2012 (Comment #4) pointing out that soil boring BH-5 exhibited a PCE concentration of 0.580 mg/kg, which does not meet the Type 1 RRS of 0.500 mg/kg.

BH-5 was collected on May 14, 2002 and was advanced within the area of the gravel drain field. A soil sample collected at a 2 foot depth interval exhibited a PCE concentration of 0.580 mg/kg. This area was later remediated via soil injection of potassium permanganate in December 2002, April 2003, and June 2004. The concentration of BH-5 indicated that PCE exceeded RRS criteria in May of 2002; however, the sample location was never re-sampled subsequent to the permanganate treatment to verify that the detection had been successfully remediated.

In order to verify that past soil remedial efforts had reduced soil PCE concentrations in and around the location of the sample collected form BH-5 in 2002, a total of five additional soil borings were installed in and around the location of BH-5: BH-5 (4'); BH-5N (2'); BH-5S (2'), BH-5E (2'); and BH-5W (2'). Analytical testing results indicated no detections of PCE or other VOCs above the laboratory detection limits. Thus, the prior detection of PCE in BH-5, as well as other listed VOC analytes, appears to have been remediated via prior in-situ chemical oxidation applications.

3.2 GROUNDWATER DATA

A total of three (3) additional groundwater monitoring wells were installed in February of 2013 and a fourth well was installed in March of 2013 to define the horizontal extent of groundwater impact on the VRP property. In addition, monitoring wells OW-5, OW-7, and OW-9 were sampled to augment delineation data from newly installed monitoring wells. Samples were analyzed for VOCs via Method 8260B. The following summarizes analytical findings of the sampling efforts:

3.2.1 Volatile Organic Compounds

Of the seven groundwater monitoring wells sampled to document the horizontal extent of groundwater impact, one well (OW-5) was reported to contain 11 μg/l of PCE. OW-5 was sampled in February of 2013. Subsequent to receipt of analytical testing results, one additional groundwater delineation well, OW-13, was installed and sampled in March 2013 downgradient from OW-5 to complete the horizontal delineation of the groundwater plume. Analytical testing results from OW-13 indicate that the horizontal

extent of groundwater impact has been delineated.

The horizontal extent of impact is presented on **Figure 4.** All other detections of VOCs were reported below the laboratory detection limits. Analytical data are summarized on **Table 2** while the laboratory analytical data reports and accreditation are provided in **Appendix C**.

3.3 RECEPTOR SURVEY

3.3.1 Groundwater Pathway

The groundwater plume had been horizontally defined on the VRP property. The off-site migration of the groundwater plume will be monitored through periodic sampling, as necessary, to demonstrate that that the plume is not migrating to a receptor point.

3.3.2 Surface Water Pathway

Mill Creek is located approximately 1,000 feet east of the site (**see Figure 1**) and flows in a north-south direction. Topographic gradients in the vicinity of the property slope in a southeasterly direction toward Mill Creek mirroring groundwater flow direction data from site monitoring wells. Potentiometric data gathered during March of 2013 indicates that shallow groundwater flow is flowing toward Mill Creek. Currently, the downgradient edge of the plume is defined. Thus, additional groundwater activities will monitor the plume migration toward Mill Creek.

3.3.3 Soil Pathway

The VIRP comment letter dated April 12, 2012 indicated that a detection of PCE of 0.580 mg/kg at soil boring BH-5 at 2 feet did not meet any RRS criteria. Additionally, the comment letter further stated that, because the RRS criteria are exceeded, the EPD cannot confirm that the inhalation, ingestion, and dermal contact risks are minimal. However, the area in/around BH-5 was treated with potassium permanganate injections in 2002, 2003, and 2004. Thus, it is likely that this detection of PCE in BH-5 at 2 feet was remediated to below RRS criteria as a result of these remedial efforts.

Post-remedial evaluation of the location of BH-5 was conducted in February of 2013 via the installation of five soil borings in /around the location of BH-5. Laboratory analytical testing results indicated concentrations of VOCs in all samples below the laboratory detection limits. As such, the soil pathway is incomplete and not a risk to human health or environmental receptors.

3.3.4 Vapor Intrusion Pathway

As stated in the 1st Semiannual Progress Report dated October 12, 2012, the only groundwater monitoring well evaluating impacts below building structures was monitoring well OW-6. The concentration of groundwater detected in OW-6 during the September 2012 sampling event were entered into the EPA's Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 2.0, May 2012 RSLs. Evaluating these levels using the OSWER calculator indicated that the shallow groundwater levels of PCE are below the guidance levels using a 1×10^{-5} risk

factor based on residential usage. Therefore, the vapor exposure pathway does not pose a significant risk to workers at the site.

4.0 CORECTIVE ACTION EVALUATION

It is the intent of Mohawk to remove the Site from the HSI through implementation of an efficient voluntary remediation plan which is protective of human health and the environment. This section outlines the proposed corrective actions anticipated to satisfy the requirements set forth in the Georgia Voluntary Remediation Program Act.

4.1 ADDITIONAL SOILS ASSESSMENT

As stated in prior sections of this report, soil sample analytical data results indicate that soils are in compliance with Type 1 RRS. As such, no further soils assessment is warranted.

4.2 ADDITIONAL GROUNDWATER ASSESSMENT

Groundwater samples were collected from a total of seven (7) monitoring wells in February and March of 2013. Specifically, groundwater monitoring wells OW-5, OW-7, OW-9, and newly installed monitoring wells OW-10 to OW-13 were sampled as part of efforts to define the horizontal extent of VOC impact in groundwater. The analysis of samples from these sampling efforts indicated that the horizontal extent of groundwater impact is defined on the VRP property as required by the generic VRP milestone schedule 12 months from enrollment into the Program.

4.2.1 Shallow Groundwater Investigation/Remediation

No additional shallow groundwater delineation efforts are proposed. **Figure 4** presents the horizontal extent of groundwater impact.

4.2.2 Deep Groundwater Investigation/Remediation

Presently, monitoring well OW-8D is the deepest well at the VIRP property. The most recent round of groundwater samples collected in September 2012 indicates that concentration trend in OW-8D is decreasing. Deep groundwater assessment evaluation will continue as the CSM is updated with the goal of vertical delineation within 30 months of VIRP approval, as detailed in the April 12, 2012 schedule.

4.3 CORRECTIVE ACTION EVALUATION

The remedial levels that the VRP property has to meet in order to demonstrate compliance with applicable RRS is as follows:

Regulated Constituent	CAS Number	Type 1/3 RRS Criteria (µg/l)	Most Recent Detection (µg/l)*
1,1-Dichloroethane (1,1-DCA)	75-34-3	4,000	34 (OW-6)
1,2-Dichloroethane (1,2-DCA)	107-06-2	5	ND
1,1-Dichloroethene (1,1-DCE)	75-35-4	7	8.3 (OW-8D)
cis-1,2-Dichloroethene (cis-1,2-DCE)	155-59-2	70	10 (MWW-1)
Tetrachloroethene (PCE)	127-18-4	19**	17 (OW-8D)
Trichloroethene (TCE)	79-01-6	5	ND
1,1,1-Trichloroethane (1,1,1-TCA)	71-55-6	200	ND
1,1,2-Trichlorethane (1,1,2-TCA)	79-00-5	5	ND
Vinyl Chloride (VC)	75-01-4	2	ND

Notes:

*- Based upon laboratory analytical testing data from September 2012.

*- Based upon the approved Type 2 RRS for PCE in comment #5 of EPD's April 12, 2012 VIRP Comment Letter.

ND – Not Detected.

A comparison of the most recent detections of regulated substances to respective RRS criteria indicates that groundwater is in compliance with applicable clean-up criteria. As such, no corrective action activities are planned for groundwater detections as they pose no significant risk to a human and / or environmental receptor.

Additional semi-annual monitoring activities will continue to monitor plume stability. The groundwater plume has remained on the VRP Property and exhibits a stable to decreasing concentration trend in affected wells. The vertical extent of groundwater impact remains to be addressed prior to the VIRP deadline of October 12, 2014.

5.0 PROFESSIONAL CERTIFICATION AND SUMMARY OF HOURS

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

David S. Buchalter, P.E.
Georgia Professional Engineer

A summary of Professional Engineer hours expended as part of the initial application and this semi-annual progress report are included as **Appendix D**.

6.0 SCHEDULE

GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Reponses Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones, which are as follows:

- **Semi-Annual Progress Reports** – October 12, 2012 and April 12, 2013 through October 12, 2016 – 1st (October 2012) and 2nd (April 2013) Semi-Annual Progress Reports - **Complete**;

- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval) – **Complete**;

- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval) - **Complete**;

- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval);

- **Submission of Compliance Status Report** – April 12, 2017.

The next Semi-Annual Progress Report will be submitted on October 12, 2013.

FIGURES

Scale 1: 24 000
Contour Interval 10 Feet

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

Quadrangle Location

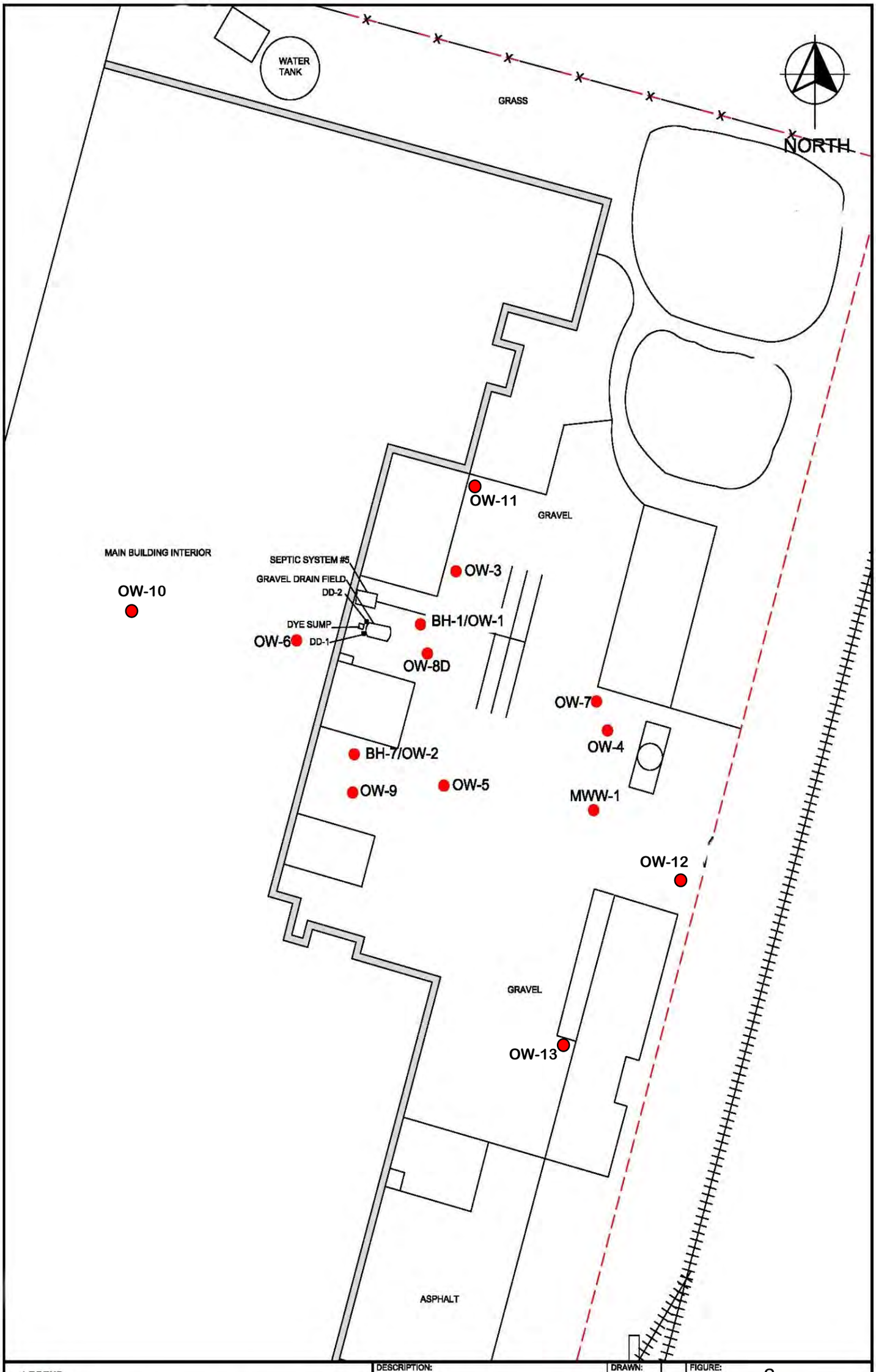
UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
CHATWORTH QUADRANGLE
GEORGIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
1972
PHOTOREVISED 1985

Mohawk Industries, Inc.
Eton, Georgia
Project No. 150314.300.00

Figure 1

Site Location and Topographic Map

GaiaTech



LEGEND

● GROUNDWATER MONITORING WELL

DESCRIPTION:

SITE LAYOUT MAP

MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW

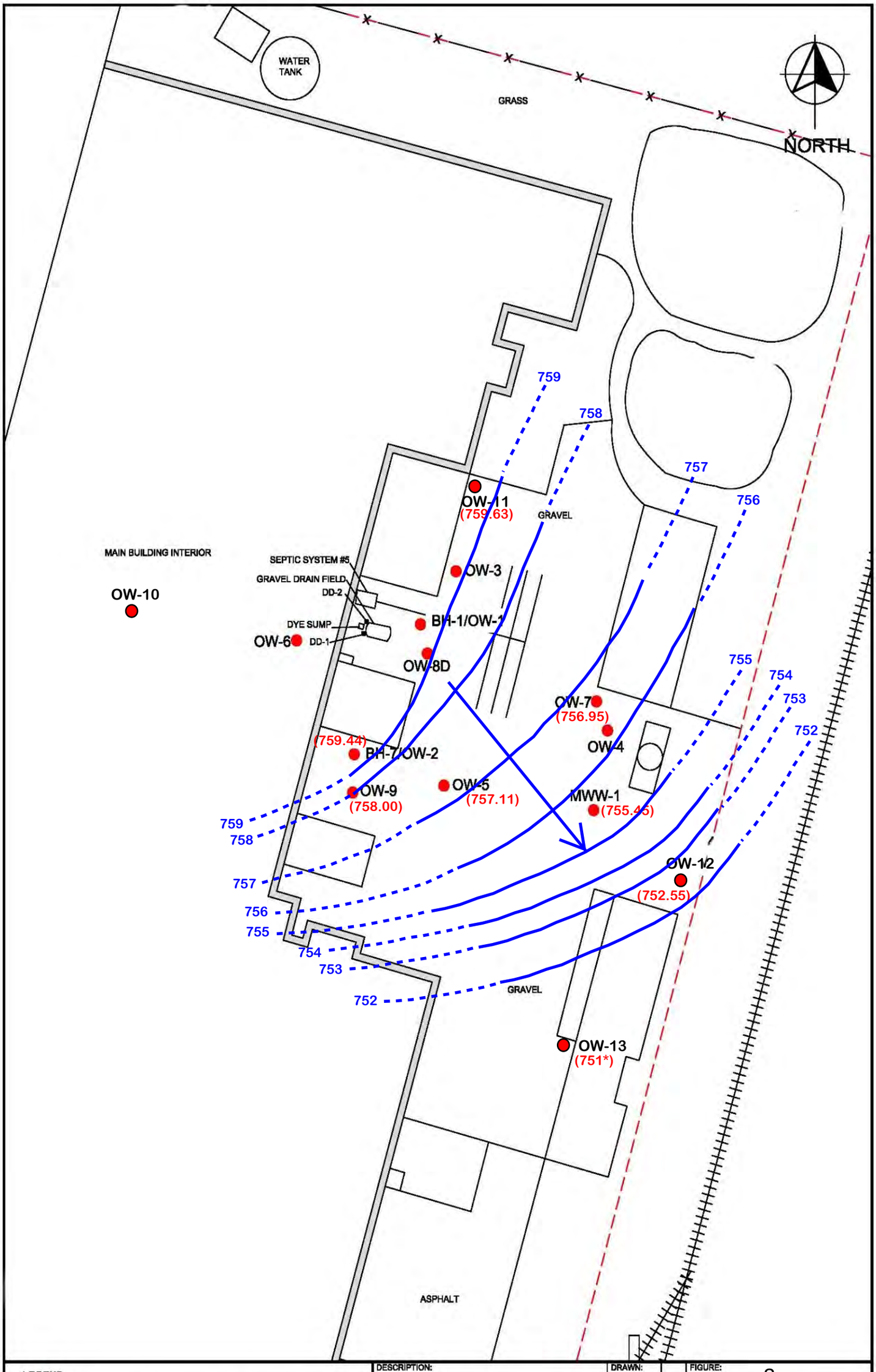
SCALE: 1"=50' (APPROX)

DATE: 3/18/13

FILE:

FIGURE: 2

GaiaTech



LEGEND

- GROUNDWATER MONITORING WELL
- 754 GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

* ELEVATIONOF OW-13 PROJECTED FROM ADJACENT CONTOURS.

DESCRIPTION:
POTENTIOMETRIC SURFACE MAP (MARCH 2013)

MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN:

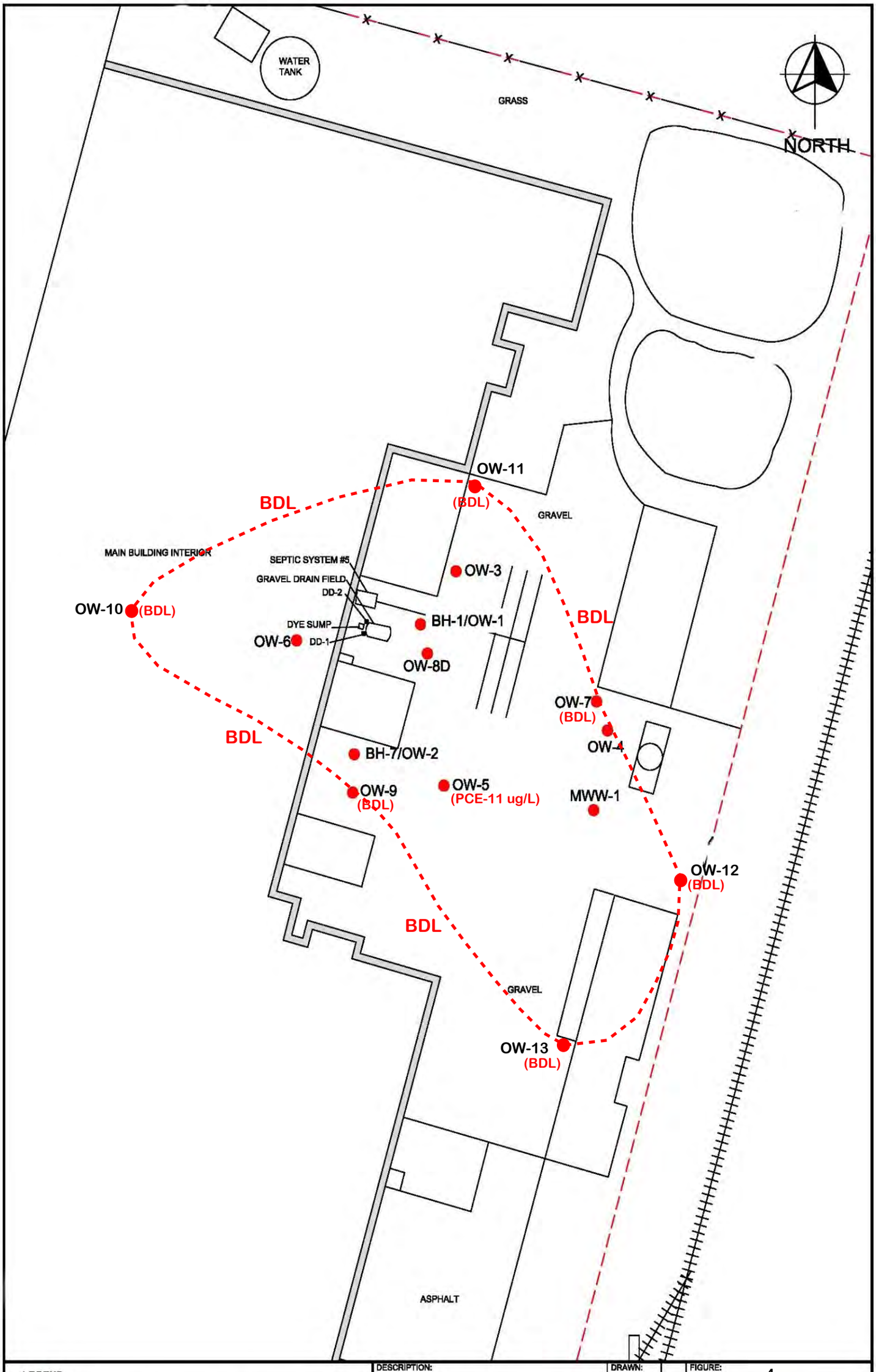
SCALE: 1"=50' (APPROX)

DATE:

FILE:

FIGURE: 3

GaiaTech



LEGEND

- GROUNDWATER MONITORING WELL
- (BDL) GROUNDWATER VOC CONCENTRATION - ug/L
- PCE TETRACHLRORETHENE

DESCRIPTION:
EXTENT OF VOLATILE ORGANIC CONSTITUENTS IN GROUNDWATER
MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW
SCALE: 1"=50' (APPROX)
DATE: 3/18/13
FILE:

FIGURE: 4

GaiaTech

TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA

Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-1

Well I.D.	Date	Top of Casing Elevation (feet)	Total Well Depth (feet)	Screen Interval (feet)	Screened Interval Elevation (feet)	Depth to Groundwater (feet)	Water Level Elevation (feet)
OW-1	03/16/11	775.72	19.50	23 to 28	752.72 to 747.72	-	-
	09/07/12					19.40	756.32
	03/18/13	774.94				18.65	756.29
OW-2	03/16/11	775.80	28.00	23 to 28	752.80 to 747.80	14.21	761.59
	09/07/12					18.49	757.31
	03/18/13	775.02				15.58	759.44
OW-3	03/16/11	775.46	28.00	23 to 28	752.46 to 747.46	24.11	751.35
	09/07/12					Destroyed	
OW-5	03/16/11	774.56	28.00	23 to 28	751.56 to 746.56	23.21	751.35
	02/25/13					14.60	759.96
	03/18/13	773.80				16.69	757.11
OW-6	03/16/11	778.63	42.90	23 to 28	730.73 to 735.73	31.99	746.64
	09/07/13					36.41	742.22
	03/18/13	779.52				29.21	750.31
OW-7	03/16/11	772.56	28.00	23 to 28	749.56 to 744.56	NS	NS
	09/07/12					19.46	753.10
	02/25/13					12.28	760.28
	03/18/13	772.56				15.61	756.95
OW-8D	03/16/11	774.88	48.82	TBD	TBD to 726.06	28.60	746.28
	09/07/13					40.82	734.06
	03/18/13	774.88				29.89	744.99
OW-9	03/16/11	775.90	28.00	23 to 28	752.90 to 747.90	12.86	763.04
	09/07/12					20.81	755.09
	02/25/13					15.16	760.74
	03/18/13	775.14				17.14	758.00
OW-10	02/25/13	779.45	45.00	30 to 45	764.45 to 749.45	40.48	738.97
	03/18/13					37.95	741.50
OW-11	02/25/13	775.34	30.00	15 to 30	760.34 to 745.34	13.75	761.59
	03/18/13					15.71	759.63
OW-12	02/25/13	770.46	30.00	15 to 30	755.46 to 740.46	14.22	756.24
	03/18/13					17.91	752.55
OW-13	03/18/13	773.78	30.00	15 to 30	758.78 to 743.78	22.33	751.45
MWW-1	03/16/11	773.35	35.00	20 to 35	753.35 to 738.35	20.00	753.35
	09/07/12					24.23	749.12
	02/25/13					15.41	757.94
	03/18/13	772.58				17.13	755.45

NOTES:

TBD - Well construction details not available. Additional measures may be implemented to gather data gaps.

Monitoring wells were re-surveyed on 3/18/13 to a common benchmark. Newly recorded elevations are indicated in top of casing elevation column.

NS - Not Sampled.

NA - Not Applicable.

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS

Mohawk Industries
Eton, Georgia
GaiaTech Project No. 150315.300.00

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-1	5/21/2002	ND	7.7	**13**	ND	**96**	ND	ND
	2/4/2003	ND	ND	ND	5.8	**66**	ND	ND
	6/25/2003	ND	6.5	ND	ND	**73**	ND	ND
	11/21/2003	ND	ND	ND	5.4	**6.3**	ND	ND
	3/4/2004	ND	ND	ND	14	**17**	ND	ND
	8/13/2004	ND	ND	ND	ND	**73**	ND	ND
	1/28/2005	ND	ND	ND	7.6	**7.8**	ND	ND
	9/7/2012	Well Damaged - Obstruction at 19.5 ft.						
OW-2	5/21/2002	ND	19	**14**	ND	**29**	ND	ND
	2/4/2003	ND	13	ND	ND	ND	ND	ND
	6/25/2003	ND	8	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	12	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	**6**	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
OW-3	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	8/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	Well Destroyed						
OW-4	5/21/2002	ND	7.3	ND	ND	**5.5**	ND	ND
	2/4/2003	ND	5.2	ND	ND	**6.7**	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
OW-5	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	**11**	ND	ND
OW-6	8/13/2004	ND	22	ND	ND	ND	ND	ND
	12/2/2004	ND	40	ND	ND	ND	ND	ND
	3/16/2011	ND	17	6	ND	5	ND	ND
	9/7/2012	ND	34	5	ND	**6.4**	ND	ND
OW-7	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
OW-8D	5/18/2005	ND	13	**8.5**	ND	**6.5**	ND	ND
	3/16/2011	ND	9	**11**	ND	**31**	ND	ND
	9/7/2012	ND	8.1	8.3	ND	**17**	ND	ND

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS

Mohawk Industries
Eton, Georgia
GaiaTech Project No. 150315.300.00

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-9	5/18/2005	ND	ND	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
OW-10	2/25/2013	ND	ND	ND	ND	ND	ND	ND
OW-11	2/25/2013	ND	ND	ND	ND	ND	ND	ND
OW-12	2/25/2013	ND	ND	ND	ND	ND	ND	ND
OW-13	3/18/2013	ND	ND	ND	ND	ND	ND	ND
MWW-1	5/31/2002	ND	ND	ND	ND	**32**	ND	ND
	2/4/2003	ND	ND	ND	ND	ND	ND	ND
	6/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	**13**	ND	ND
	12/2/2004	ND	ND	ND	ND	**13**	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	**10**	ND	ND

NOTES:
ND - Not detected above laboratory detection limits.

APPENDIX A
SOIL BORING LOGS AND WELL CONSTRUTION DIAGRAMS

GaiaTech, Inc.
Environmental Risk. Managed.

BORING LOG - Soil Boring BH-5 (4')

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/26/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/26/13	Drilling Method	: DPT
Total Depth of Boring	: 5 ft bgs	Hole Diameter	: 3 - Inches
Total Depth of Well	: NA ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Core Barrel

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					GR		Gravel - Approximately 8 Inches
2	1	NA	NA	NA	ML		Brown, stiff, CLAYEY SILT.
4							
6							Boring Terminated at 5 feet.
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

GaiaTech, Inc.
Environmental Risk. Managed.

BORING LOG - Soil Boring BH-5-E (2')

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/26/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/26/13	Drilling Method	: DPT
Total Depth of Boring	: 5 ft bgs	Hole Diameter	: 3 - Inches
Total Depth of Well	: NA ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Core Barrel

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					GR		Gravel - Approximately 8 Inches
2	1	NA	NA	NA	ML		Brown, stiff, CLAYEY SILT to SILTY CLAY.
4							
6							Boring Terminated at 5 feet.
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

GaiaTech, Inc.
Environmental Risk. Managed.

BORING LOG - Soil Boring BH-5-N (2')

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/26/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/26/13	Drilling Method	: DPT
Total Depth of Boring	: 5 ft bgs	Hole Diameter	: 3 - Inches
Total Depth of Well	: NA ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Core Barrel

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					GR		Gravel - Approximately 8 Inches
2	1	NA	NA	NA	ML		Brown, stiff, CLAYEY SILT, trace sand.
4							
6							Boring Terminated at 5 feet.
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

GaiaTech, Inc.
Environmental Risk. Managed.

BORING LOG - Soil Boring BH-5-S (2')

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/26/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/26/13	Drilling Method	: DPT
Total Depth of Boring	: 5 ft bgs	Hole Diameter	: 3 - Inches
Total Depth of Well	: NA ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Core Barrel

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					GR		Gravel - Approximately 8 Inches
2	1	NA	NA	NA	ML		Brown, stiff, CLAYEY SILT.
4							
6							Boring Terminated at 5 feet.
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

GaiaTech, Inc.
Environmental Risk. Managed.

BORING LOG - Soil Boring BH-5-W (2')

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/26/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/26/13	Drilling Method	: DPT
Total Depth of Boring	: 5 ft bgs	Hole Diameter	: 3 - Inches
Total Depth of Well	: NA ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Core Barrel

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					GR		Gravel - Approximately 8 Inches
2	1	NA	NA	NA	ML		Brown, stiff, CLAYEY SILT to SILTY CLAY.
4							
6							Boring Terminated at 5 feet.
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

GaiaTech, Inc.
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BORING LOG/WELL DIAGRAM - Monitoring Well OW-10

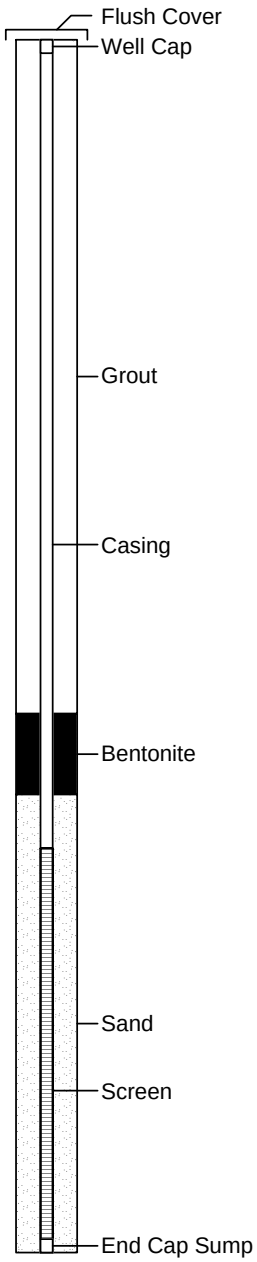
(PAGE 1 TO 1)

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/25/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/25/13	Drilling Method	: HSA
Total Depth of Boring	: 45 ft bgs	Hole Diameter	: 6 1/4 Inches
Total Depth of Well	: 45 ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Soil Cuttings

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0							Concrete - 4-Inches
2					MH		Light brown, SANDY SILT (Fill)
4							Reddish orange, CLAYEY SILT.
6							
8							
10					ML		
12							
14							
16							
18							
20							Orange CLAYEY SILT, moist.
22	1	NA	NA	NA			
24					ML		
26							
28							
30							Light orange CLAYEY SILT, very moist to wet.
32							
34							
36					ML		
38							
40							
42							
44							
46							Boring Terminated at 45 feet.
48							
50							

Well: OW-10
Elev.:



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GaiaTech, Inc.
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BORING LOG/WELL DIAGRAM - Monitoring Well OW-11

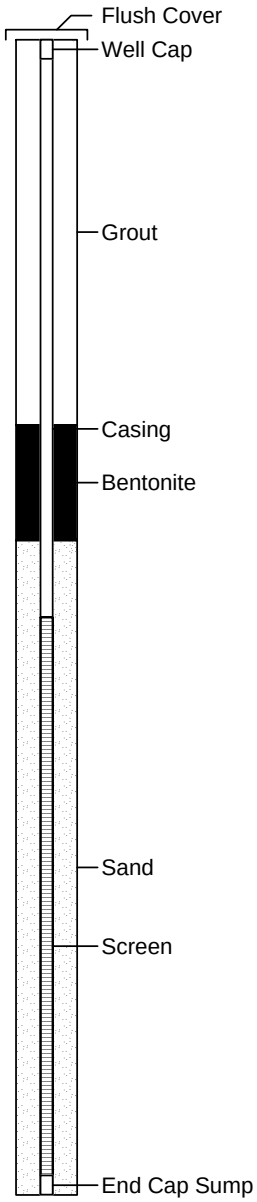
(PAGE 1 TO 1)

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/25/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/25/13	Drilling Method	: HSA
Total Depth of Boring	: 30 ft bgs	Hole Diameter	: 6 1/4 Inches
Total Depth of Well	: 30 ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Soil Cuttings

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					CG		Gravel base - Approximately 4 inches
2					MH		Light brown, SANDY SILT (Fill)
							Reddish orange, CLAYEY SILT.
18	1	NA	NA	NA	ML		
30							Boring Terminated at 30 feet.

Well: OW-11
Elev.:



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GaiaTech, Inc.
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BORING LOG/WELL DIAGRAM - Monitoring Well OW-12

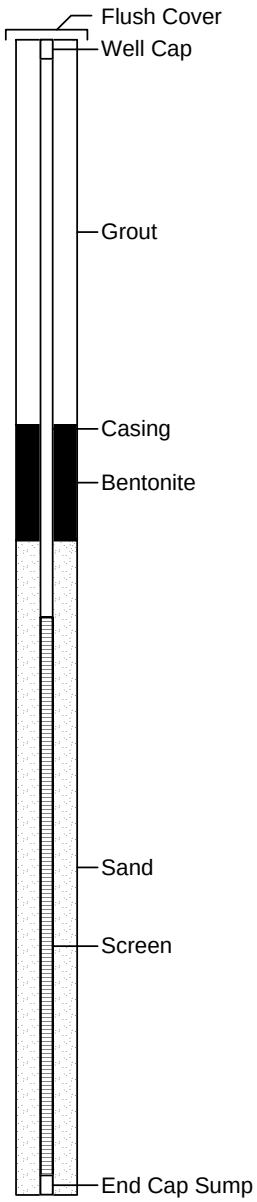
(PAGE 1 TO 1)

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 2/25/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 2/25/13	Drilling Method	: HSA
Total Depth of Boring	: 30 ft bgs	Hole Diameter	: 6 1/4 Inches
Total Depth of Well	: 30 ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Soil Cuttings

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					GR		Grass Surface Cover
2							Reddish orange, CLAYEY SILT.
4							
6							
8							
10							
12							
14					ML		
16							
18	1	NA	NA	NA			
20							
22							
24							
26							
28							
30							Boring Terminated at 30 feet.
32							
34							

Well: OW-12
Elev.:



GaiaTech, Inc.
Environmental Risk. Managed.

BORING LOG/WELL DIAGRAM - Monitoring Well OW-13

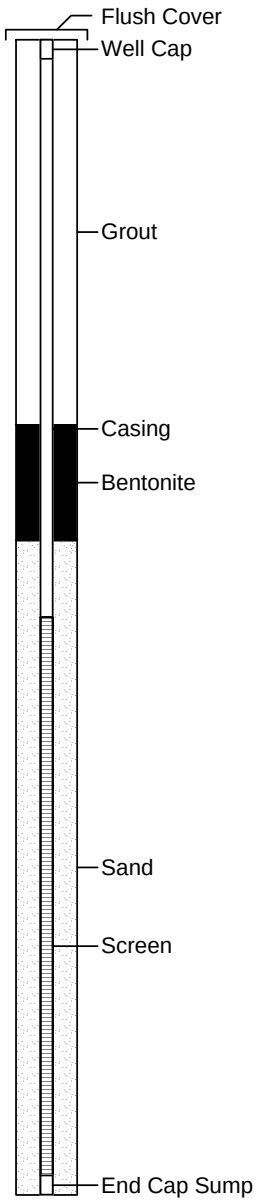
(PAGE 1 TO 1)

Mohawk Industries, Inc.
Former Diamond Rug and Carpet Mill
Eton, Murray County, Georgia
GaiaTech Project #150314.300.00

FUNCTION INFORMATION			
Date/Time Started	: 3/18/13	Logged By	: Michael H. Wilson
Date/Time Completed	: 3/18/13	Drilling Method	: HSA
Total Depth of Boring	: 30 ft bgs	Hole Diameter	: 6 1/4 Inches
Total Depth of Well	: 30 ft bgs	Drilling Company	: EM Services, Inc.
		Sampling Method	: Soil Cuttings

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					CG		Gravel base - Approximately 4 inches
2					MH		Light brown, SANDY SILT (Fill)
4							Reddish orange, CLAYEY SILT.
6							
8							
10							
12							
14							
16					ML		
18	1	NA	NA	NA			
20							
22							
24							
26							
28							
30							Boring Terminated at 30 feet.
32							
34							

Well: OW-13
Elev.:



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APPENDIX B
WATER QUALITY SAMPLING FORMS

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) | **Project No.:** 150314.421.00 | **Date:** 2/26/13

Well Information

Well Identification No:	**OW-10**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	45.00	feet
Depth to Water from TOC:	**37.77**	feet
Length of Static Water Column:	7.23	feet

Well Observations

General Condition of Well: Good	General Condition of surrounding area: Good
LNAPL observation: NA	Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**1.23**	gallons/linear ft.		**3.69**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	5.02	0.022	0.91	21.90	263	952
2	4.99	0.021	1.13	21.8	297	>1,000
3	4.99	0.020	1.11	21.97	270	907
4	5.01	0.021	0.91	21.85	251	111
5	5.03	0.021	0.93	21.9	245	9.8
6						
7						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-10	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/25/13

Well Information

Well Identification No: **OW-10** Location: Eton, Georgia

Well Diameter: 2-Inch Well Construction: Schedule 40 PVC

Total Well Depth from TOC: 45.00 feet

Depth to Water from TOC: **40.48** feet

Length of Static Water Column: 4.52 feet

Well Observations

General Condition of Well: Good General Condition of surrounding area: Good

LNAPL observation: NA Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)

0.17 (2-inch well)

0.571 (3-inch well)

0.652 (4-inch well)

Volume of water in well (Ht. x K): **0.77** gallons/linear ft. **2.31** gallons

(1 well volume) (3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	4.33	0.027	1.87	22.39	299	809
2	4.79	0.024	1.64	21.97	274	>1,000
3	4.62	0.023	0.85	21.46	290	>1,000
4	4.66	0.022	0.88	21.50	277	476
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
	No Sample		

Sample Transport and Preservation:

Sample Destination: Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/25/13

Well Information

Well Identification No: **OW-11** Location: Eton, Georgia

Well Diameter: 2-Inch Well Construction: Schedule 40 PVC

Total Well Depth from TOC: 30.00 feet

Depth to Water from TOC: **13.52** feet

Length of Static Water Column: 16.48 feet

Well Observations

General Condition of Well: Good General Condition of surrounding area: Good

LNAPL observation: NA Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)

0.17 (2-inch well)

0.571 (3-inch well)

0.652 (4-inch well)

Volume of water in well (Ht. x K): **2.80** gallons/linear ft. **8.40** gallons

(1 well volume) (3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	8.54	0.131	3.69	17.08	183	>1000
2	6.40	0.196	2.28	18.71	175	410
3	6.21	0.194	2.05	18.77	176	27
4						
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
	No Sample		

Sample Transport and Preservation:

Sample Destination: Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) | **Project No.:** 150314.421.00 | **Date:** 2/26/13

Well Information

Well Identification No:	**OW-11**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	30.00	feet
Depth to Water from TOC:	**13.75**	feet
Length of Static Water Column:	16.25	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**2.76**	gallons/linear ft.		**8.29**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	5.72	0.177	1.81	18.75	177	>1,000
2	5.69	0.179	2.07	19.2	186	560
3	5.70	0.181	2.13	19.08	187	75
4	5.71	0.180	2.21	19.01	184	9.9
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-11	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: — Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/25/13

Well Information

Well Identification No: **OW-12** Location: Eton, Georgia

Well Diameter: 2-Inch Well Construction: Schedule 40 PVC

Total Well Depth from TOC: 30.00 feet

Depth to Water from TOC: **11.98** feet

Length of Static Water Column: 18.02 feet

Well Observations

General Condition of Well: Good General Condition of surrounding area: Good

LNAPL observation: NA Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)

0.17 (2-inch well)

0.571 (3-inch well)

0.652 (4-inch well)

Volume of water in well (Ht. x K): **3.06** gallons/linear ft. **9.19** gallons

(1 well volume) (3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	5.14	0.306	1.95	17.30	203	112
2	5.10	0.309	2.78	17.25	195	91.8
3	5.16	0.314	3.64	17.22	180	65.5
4	5.22	0.322	3.79	17.34	158	176
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
	No Sample		

Sample Transport and Preservation:

Sample Destination: Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/26/13

Well Information

Well Identification No: **OW-12** Location: Eton, Georgia

Well Diameter: 2-Inch Well Construction: Schedule 40 PVC

Total Well Depth from TOC: 30.00 feet

Depth to Water from TOC: **10.77** feet

Length of Static Water Column: 19.23 feet

Well Observations

General Condition of Well: Good General Condition of surrounding area: Good

LNAPL observation: NA Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)

0.17 (2-inch well)

0.571 (3-inch well)

0.652 (4-inch well)

Volume of water in well (Ht. x K): **3.27** gallons/linear ft. **9.81** gallons

(1 well volume) (3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	5.26	0.329	3.79	17.34	158	412
2	5.39	0.356	3.47	17.5	130	176
3	5.40	0.345	3.77	17.55	131	41
4	5.41	0.345	3.22	17.51	128	8.6
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-12	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/26/13

Well Information

Well Identification No:	**OW-5**	Location:	Eton, Georgia
Well Diameter:	1-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	28.00	feet
Depth to Water from TOC:	**14.60**	feet
Length of Static Water Column:	13.40	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**0.54**	gallons/linear ft.		**1.61**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	5.50	0.053	2.34	18.80	309	269
2	4.46	0.040	3.50	18.79	334	147
3	4.44	0.039	3.53	18.78	334	12.5
4	4.42	0.039	3.52	18.74	336	9.3
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-5	2-40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/26/13

Well Information

Well Identification No:	**OW-7**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC: 28.00 feet

Depth to Water from TOC: **12.28** feet

Length of Static Water Column: 15.72 feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)
0.17 (2-inch well)
0.571 (3-inch well)
0.652 (4-inch well)

Volume of water in well (Ht. x K): **0.63** gallons/linear ft. **1.89** gallons
(1 well volume) (3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	4.38	0.015	3.71	18.22	333	17.4
2	5.67	0.319	0.00	18.13	295	15.3
3	5.69	0.307	0.00	18.07	293	5.8
4	5.69	0.297	0.00	17.86	292	3.7
5						
6						
7						

Purged To Dryness:

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-7	2 - 40 ml	HCL	Method 8260B Volatile Organics

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 2/26/13

Well Information

Well Identification No: **OW-9** Location: Eton, Georgia

Well Diameter: 1-Inch Well Construction: Schedule 40 PVC

Total Well Depth from TOC: 28.00 feet

Depth to Water from TOC: **15.16** feet

Length of Static Water Column: 12.84 feet

Well Observations

General Condition of Well: Good General Condition of surrounding area: Good

LNAPL observation: NA Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)

0.17 (2-inch well)

0.571 (3-inch well)

0.652 (4-inch well)

Volume of water in well (Ht. x K): **0.51** gallons/linear ft. **1.54** gallons

(1 well volume) (3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
1	5.42	0.356	6.18	18.69	274	288
2	5.51	0.348	4.49	19.14	279	182
3	6.24	0.282	2.55	19.76	261	110
4	6.33	0.268	2.81	19.60	257	91.4
5	6.34	0.268	2.77	19.55	257	19.2
6	6.32	0.270	2.73	19.50	253	7.9
7						

Purged To Dryness:

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-9	2 - 40 ml	HCL	Method 8260B Volatile Organics

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

APPENDIX C
LABORATORY ACCREDITATION AND ANALYTICAL DATA REPORT

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 26, 2013

Mike Wilson
GaiaTech, Inc.
3525 Piedmont Rd. NE
Atlanta GA 30305

TEL: (404) 812-0001
FAX: (404) 812-1992

RE: Mohawk Industries

Dear Mike Wilson: Order No: 1303G22

Analytical Environmental Services, Inc. received 3 samples on 3/19/2013 11:35:00 AM for the analyses presented in 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 07/01/12-06/30/13.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

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

Dorothy deBruyn
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: 1303622

Date: 3-19-13 Page 1 of 1

COMPANY:	ADDRESS:
GaiaTech, Inc.	3525 Piedmont Rd NE Suite 520, Bld. 6 Atlanta, GA 30305
PHONE: 404-812-0001	FAX: 404-812-1992
SAMPLED BY: Michael H. Wilson	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs-8260	No # of Containers	REMARKS
1	MI-0313-GW13	3-18	1700	X		GW	X	2	
2	MI-0313-ERD	3-18	1200	X		W	X	2	
3	Trip Blank							2	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

PRESERVATION (See codes)

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:	3-19-13 1135	1:	3/19/13 11:35
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION

PROJECT NAME: Mohawk Industries
PROJECT #.
SITE ADDRESS: Eton, GA
SEND REPORT TO: Michael H. Wilson
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 6

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 ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION 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 **Date:** 26-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0313-OW13
Project Name:	Mohawk Industries	**Collection Date:**	3/18/2013 5:00:00 PM
Lab ID:	1303G22-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
2-Butanone	BRL	50		ug/L	173792	1	03/21/2013 02:31	GK
2-Hexanone	BRL	10		ug/L	173792	1	03/21/2013 02:31	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173792	1	03/21/2013 02:31	GK
Acetone	BRL	50		ug/L	173792	1	03/21/2013 02:31	GK
Benzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Bromodichloromethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Bromoform	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Bromomethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Carbon disulfide	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Carbon tetrachloride	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Chlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Chloroethane	BRL	10		ug/L	173792	1	03/21/2013 02:31	GK
Chloroform	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Chloromethane	BRL	10		ug/L	173792	1	03/21/2013 02:31	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Cyclohexane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Dibromochloromethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Dichlorodifluoromethane	BRL	10		ug/L	173792	1	03/21/2013 02:31	GK
Ethylbenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Freon-113	BRL	10		ug/L	173792	1	03/21/2013 02:31	GK
Isopropylbenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
m,p-Xylene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Methyl acetate	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Methylcyclohexane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Methylene chloride	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
o-Xylene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0313-OW13
Project Name:	Mohawk Industries	**Collection Date:**	3/18/2013 5:00:00 PM
Lab ID:	1303G22-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Tetrachloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Toluene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Trichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:31	GK
Vinyl chloride	BRL	2.0		ug/L	173792	1	03/21/2013 02:31	GK
Surr: 4-Bromofluorobenzene	88.3	64.6-123		%REC	173792	1	03/21/2013 02:31	GK
Surr: Dibromofluoromethane	93.9	76.6-133		%REC	173792	1	03/21/2013 02:31	GK
Surr: Toluene-d8	99	77.8-120		%REC	173792	1	03/21/2013 02:31	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0313-ERD
Project Name:	Mohawk Industries	**Collection Date:**	3/18/2013 12:00:00 PM
Lab ID:	1303G22-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
2-Butanone	BRL	50		ug/L	173792	1	03/21/2013 03:01	GK
2-Hexanone	BRL	10		ug/L	173792	1	03/21/2013 03:01	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173792	1	03/21/2013 03:01	GK
Acetone	BRL	50		ug/L	173792	1	03/21/2013 03:01	GK
Benzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Bromodichloromethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Bromoform	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Bromomethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Carbon disulfide	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Carbon tetrachloride	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Chlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Chloroethane	BRL	10		ug/L	173792	1	03/21/2013 03:01	GK
Chloroform	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Chloromethane	BRL	10		ug/L	173792	1	03/21/2013 03:01	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Cyclohexane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Dibromochloromethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Dichlorodifluoromethane	BRL	10		ug/L	173792	1	03/21/2013 03:01	GK
Ethylbenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Freon-113	BRL	10		ug/L	173792	1	03/21/2013 03:01	GK
Isopropylbenzene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
m,p-Xylene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Methyl acetate	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Methylcyclohexane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Methylene chloride	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
o-Xylene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0313-ERD
Project Name:	Mohawk Industries	**Collection Date:**	3/18/2013 12:00:00 PM
Lab ID:	1303G22-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5030B)								
Styrene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Tetrachloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Toluene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Trichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173792	1	03/21/2013 03:01	GK
Vinyl chloride	BRL	2.0		ug/L	173792	1	03/21/2013 03:01	GK
Surr: 4-Bromofluorobenzene	88.2	64.6-123		%REC	173792	1	03/21/2013 03:01	GK
Surr: Dibromofluoromethane	94.5	76.6-133		%REC	173792	1	03/21/2013 03:01	GK
Surr: Toluene-d8	97.2	77.8-120		%REC	173792	1	03/21/2013 03:01	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Mohawk Industries	**Collection Date:**	3/19/2013
Lab ID:	1303G22-003	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
2-Butanone	BRL	50		ug/L	173792	1	03/21/2013 02:01	GK
2-Hexanone	BRL	10		ug/L	173792	1	03/21/2013 02:01	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173792	1	03/21/2013 02:01	GK
Acetone	BRL	50		ug/L	173792	1	03/21/2013 02:01	GK
Benzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Bromodichloromethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Bromoform	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Bromomethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Carbon disulfide	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Carbon tetrachloride	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Chlorobenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Chloroethane	BRL	10		ug/L	173792	1	03/21/2013 02:01	GK
Chloroform	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Chloromethane	BRL	10		ug/L	173792	1	03/21/2013 02:01	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Cyclohexane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Dibromochloromethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Dichlorodifluoromethane	BRL	10		ug/L	173792	1	03/21/2013 02:01	GK
Ethylbenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Freon-113	BRL	10		ug/L	173792	1	03/21/2013 02:01	GK
Isopropylbenzene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
m,p-Xylene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Methyl acetate	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Methylcyclohexane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Methylene chloride	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
o-Xylene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Mohawk Industries	**Collection Date:**	3/19/2013
Lab ID:	1303G22-003	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Tetrachloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Toluene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Trichloroethene	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173792	1	03/21/2013 02:01	GK
Vinyl chloride	BRL	2.0		ug/L	173792	1	03/21/2013 02:01	GK
Surr: 4-Bromofluorobenzene	88.4	64.6-123		%REC	173792	1	03/21/2013 02:01	GK
Surr: Dibromofluoromethane	97.6	76.6-133		%REC	173792	1	03/21/2013 02:01	GK
Surr: Toluene-d8	98.4	77.8-120		%REC	173792	1	03/21/2013 02:01	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Gaia Work Order Number 1303622

Checklist completed by _____ 3/18/13 3/20/13
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 3.1 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1303G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 173792

Sample ID: **MB-173792** Client ID: Units: **ug/L** Prep Date: **03/20/2013** Run No: **240525**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173792** Analysis Date: **03/20/2013** Seq No: **5035326**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1303G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 173792

Sample ID: **MB-173792** Client ID: Units: **ug/L** Prep Date: **03/20/2013** Run No: **240525**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173792** Analysis Date: **03/20/2013** Seq No: **5035326**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	44.53	0	50	0	89.1	64.6	123	0	0	0	
Surr: Dibromofluoromethane	47.74	0	50	0	95.5	76.6	133	0	0	0	
Surr: Toluene-d8	48.76	0	50	0	97.5	77.8	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1303G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 173792

Sample ID: **LCS-173792** Client ID: Units: **ug/L** Prep Date: **03/20/2013** Run No: **240525**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173792** Analysis Date: **03/20/2013** Seq No: **5035325**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.48	5.0	50	0	109	61.1	142	0	0	0	
Benzene	43.38	5.0	50	0	86.8	73.5	130	0	0	0	
Chlorobenzene	46.64	5.0	50	0	93.3	72.4	123	0	0	0	
Toluene	42.76	5.0	50	0	85.5	73.6	130	0	0	0	
Trichloroethene	43.61	5.0	50	0	87.2	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	45.52	0	50	0	91	64.6	123	0	0	0	
Surr: Dibromofluoromethane	48.39	0	50	0	96.8	76.6	133	0	0	0	
Surr: Toluene-d8	49.51	0	50	0	99	77.8	120	0	0	0	

Sample ID: **1303G65-010AMS** Client ID: Units: **ug/L** Prep Date: **03/20/2013** Run No: **240525**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173792** Analysis Date: **03/21/2013** Seq No: **5035328**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1283	100	1000	0	128	60	168	0	0	0	
Benzene	968.0	100	1000	12.20	95.6	66.6	148	0	0	0	
Chlorobenzene	904.8	100	1000	0	90.5	71.9	135	0	0	0	
Toluene	936.0	100	1000	0	93.6	68	149	0	0	0	
Trichloroethene	945.8	100	1000	0	94.6	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	924.4	0	1000	0	92.4	64.6	123	0	0	0	
Surr: Dibromofluoromethane	974.2	0	1000	0	97.4	76.6	133	0	0	0	
Surr: Toluene-d8	985.6	0	1000	0	98.6	77.8	120	0	0	0	

Sample ID: **1303G65-010AMSD** Client ID: Units: **ug/L** Prep Date: **03/20/2013** Run No: **240525**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173792** Analysis Date: **03/21/2013** Seq No: **5035329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1300	100	1000	0	130	60	168	1283	1.35	18.6	
Benzene	955.2	100	1000	12.20	94.3	66.6	148	968.0	1.33	20	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1303G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 173792

Sample ID: **1303G65-010AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **03/20/2013** Run No: **240525**
BatchID: **173792** Analysis Date: **03/21/2013** Seq No: **5035329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	914.6	100	1000	0	91.5	71.9	135	904.8	1.08	20	
Toluene	936.2	100	1000	0	93.6	68	149	936.0	0.021	20	
Trichloroethene	933.0	100	1000	0	93.3	71.1	154	945.8	1.36	20	
Surr: 4-Bromofluorobenzene	909.4	0	1000	0	90.9	64.6	123	924.4	0	0	
Surr: Dibromofluoromethane	987.8	0	1000	0	98.8	76.6	133	974.2	0	0	
Surr: Toluene-d8	984.0	0	1000	0	98.4	77.8	120	985.6	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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.

March 06, 2013

Mike Wilson
GaiaTech, Inc.
3525 Piedmont Rd. NE
Atlanta GA 30305

TEL: (404) 812-0001
FAX: (404) 812-1992

RE: Mohawk Industries

Dear Mike Wilson: Order No: 1302L72

Analytical Environmental Services, Inc. received 13 samples on 2/27/2013 10:25:00 AM for the analyses presented in 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 07/01/12-06/30/13.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

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

Dorothy deBruyn
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: 1302L72

Date: 2-27 Page 1 of 1

COMPANY:	ADDRESS:
GaiaTech, Inc.	3525 Piedmont Rd NE Suite 520, Bldg. 6 Atlanta, GA 30305
PHONE: 404/809-3884	FAX: 404/812-1992
SAMPLED BY: Mike Wilson / Will Lucas	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs	REMARKS	No # of Containers
1	MI-0213-OW5	2-25	1200	✓		GW	X		2
2	MI-0213-OW7	2-25	1430	✓			X		2
3	MI-0213-OW9	2-25	1555	✓			X		2
4	MI-0213-OW10	2-26	1100	✓			X		2
5	MI-0213-OW11	2-26	1700	✓			X		2
6	MI-0213-OW12	2-26	1435	✓			X		2
7	MI-0213-DUP	2-26	1440	✓		↓	X		2
8									
9	MI-0213-BH5 (4')	2-26	1600	✓		SO	X		4
10	MI-0213-BH5-N (2')	2-26	1605	✓			X		4
11	MI-0213-BH-S (2')	2-26	1610	✓			X		4
12	MI-0213-BH-E (2')	2-26	1615	✓			X		4
13	MI-0213-BH-W (2')	2-26	1630	✓		↓	X		4
14	Trip Blank					W	X		2

ANALYSIS REQUESTED

PRESERVATION (See codes)

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:	2-27-13 1025	1:	2/27/13 10:25
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Mohawk Industries

PROJECT #: 125259.400.0

SITE ADDRESS: Eton, GA

SEND REPORT TO: Michael H. Wilson

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#: Same as Project #

RECEIPT

Total # of Containers: 36

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 ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION 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

Date: 6-Mar-13

Client: GaiaTech, Inc.
Project: Mohawk Industries
Lab ID: 1302L72

Case Narrative

All sample IDs for soil samples contained "BH5" as part of the ID. However, IDs for 3 soil samples listed on the Chain of Custody (COC) contained "BH" only. For example, the COC listed the ID as MI-0213-BH-S (2') but the ID on the bottle was MI-0213-BH5-S (2'). Samples were logged in according to the COC.

Analytical Environmental Services, Inc

Date: 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW5
Project Name:	Mohawk Industries	**Collection Date:**	2/25/2013 12:00:00 PM
Lab ID:	1302L72-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 00:07	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 00:07	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 00:07	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 00:07	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 00:07	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 00:07	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 00:07	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 00:07	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW5
Project Name:	Mohawk Industries	**Collection Date:**	2/25/2013 12:00:00 PM
Lab ID:	1302L72-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Tetrachloroethene	11	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:07	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 00:07	GK
Surr: 4-Bromofluorobenzene	93.8	64.6-123		%REC	173024	1	03/02/2013 00:07	GK
Surr: Dibromofluoromethane	102	76.6-133		%REC	173024	1	03/02/2013 00:07	GK
Surr: Toluene-d8	103	77.8-120		%REC	173024	1	03/02/2013 00:07	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW7
Project Name:	Mohawk Industries	**Collection Date:**	2/25/2013 2:30:00 PM
Lab ID:	1302L72-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 00:37	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 00:37	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 00:37	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 00:37	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 00:37	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 00:37	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 00:37	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 00:37	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW7
Project Name:	Mohawk Industries	**Collection Date:**	2/25/2013 2:30:00 PM
Lab ID:	1302L72-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Tetrachloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 00:37	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 00:37	GK
Surr: 4-Bromofluorobenzene	97.3	64.6-123		%REC	173024	1	03/02/2013 00:37	GK
Surr: Dibromofluoromethane	102	76.6-133		%REC	173024	1	03/02/2013 00:37	GK
Surr: Toluene-d8	104	77.8-120		%REC	173024	1	03/02/2013 00:37	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW9
Project Name:	Mohawk Industries	**Collection Date:**	2/25/2013 3:55:00 PM
Lab ID:	1302L72-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 01:06	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 01:06	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 01:06	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 01:06	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 01:06	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 01:06	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 01:06	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 01:06	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW9
Project Name:	Mohawk Industries	**Collection Date:**	2/25/2013 3:55:00 PM
Lab ID:	1302L72-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Tetrachloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:06	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 01:06	GK
Surr: 4-Bromofluorobenzene	96.7	64.6-123		%REC	173024	1	03/02/2013 01:06	GK
Surr: Dibromofluoromethane	100	76.6-133		%REC	173024	1	03/02/2013 01:06	GK
Surr: Toluene-d8	104	77.8-120		%REC	173024	1	03/02/2013 01:06	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW10
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 11:00:00 AM
Lab ID:	1302L72-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 01:36	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 01:36	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 01:36	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 01:36	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 01:36	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 01:36	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 01:36	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 01:36	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW10
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 11:00:00 AM
Lab ID:	1302L72-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Tetrachloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 01:36	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 01:36	GK
Surr: 4-Bromofluorobenzene	98.3	64.6-123		%REC	173024	1	03/02/2013 01:36	GK
Surr: Dibromofluoromethane	101	76.6-133		%REC	173024	1	03/02/2013 01:36	GK
Surr: Toluene-d8	104	77.8-120		%REC	173024	1	03/02/2013 01:36	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW11
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 5:00:00 PM
Lab ID:	1302L72-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 02:06	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 02:06	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 02:06	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 02:06	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 02:06	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 02:06	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 02:06	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 02:06	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW11
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 5:00:00 PM
Lab ID:	1302L72-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Tetrachloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:06	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 02:06	GK
Surr: 4-Bromofluorobenzene	98	64.6-123		%REC	173024	1	03/02/2013 02:06	GK
Surr: Dibromofluoromethane	99.5	76.6-133		%REC	173024	1	03/02/2013 02:06	GK
Surr: Toluene-d8	104	77.8-120		%REC	173024	1	03/02/2013 02:06	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW12
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 2:35:00 PM
Lab ID:	1302L72-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 02:35	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 02:35	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 02:35	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 02:35	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 02:35	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 02:35	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 02:35	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 02:35	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-OW12
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 2:35:00 PM
Lab ID:	1302L72-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Tetrachloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 02:35	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 02:35	GK
Surr: 4-Bromofluorobenzene	98	64.6-123		%REC	173024	1	03/02/2013 02:35	GK
Surr: Dibromofluoromethane	99.5	76.6-133		%REC	173024	1	03/02/2013 02:35	GK
Surr: Toluene-d8	104	77.8-120		%REC	173024	1	03/02/2013 02:35	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-DUP
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 2:40:00 PM
Lab ID:	1302L72-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
2-Butanone	BRL	50		ug/L	173024	1	03/02/2013 03:05	GK
2-Hexanone	BRL	10		ug/L	173024	1	03/02/2013 03:05	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173024	1	03/02/2013 03:05	GK
Acetone	BRL	50		ug/L	173024	1	03/02/2013 03:05	GK
Benzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Bromodichloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Bromoform	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Bromomethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Carbon disulfide	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Carbon tetrachloride	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Chlorobenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Chloroethane	BRL	10		ug/L	173024	1	03/02/2013 03:05	GK
Chloroform	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Chloromethane	BRL	10		ug/L	173024	1	03/02/2013 03:05	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Cyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Dibromochloromethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Dichlorodifluoromethane	BRL	10		ug/L	173024	1	03/02/2013 03:05	GK
Ethylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Freon-113	BRL	10		ug/L	173024	1	03/02/2013 03:05	GK
Isopropylbenzene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
m,p-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Methyl acetate	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Methylcyclohexane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Methylene chloride	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
o-Xylene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-DUP
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 2:40:00 PM
Lab ID:	1302L72-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Tetrachloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Toluene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Trichloroethene	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173024	1	03/02/2013 03:05	GK
Vinyl chloride	BRL	2.0		ug/L	173024	1	03/02/2013 03:05	GK
Surr: 4-Bromofluorobenzene	99.9	64.6-123		%REC	173024	1	03/02/2013 03:05	GK
Surr: Dibromofluoromethane	102	76.6-133		%REC	173024	1	03/02/2013 03:05	GK
Surr: Toluene-d8	104	77.8-120		%REC	173024	1	03/02/2013 03:05	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH5 (4')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:00:00 PM
Lab ID:	1302L72-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,1,2,2-Tetrachloroethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,1,2-Trichloroethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,1-Dichloroethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,1-Dichloroethene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,2,4-Trichlorobenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,2-Dibromo-3-chloropropane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,2-Dibromoethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,2-Dichlorobenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,2-Dichloroethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,2-Dichloropropane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,3-Dichlorobenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
1,4-Dichlorobenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
2-Butanone	BRL	100		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
2-Hexanone	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
4-Methyl-2-pentanone	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Acetone	BRL	200		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Benzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Bromodichloromethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Bromoform	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Bromomethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Carbon disulfide	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Carbon tetrachloride	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Chlorobenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Chloroethane	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Chloroform	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Chloromethane	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
cis-1,2-Dichloroethene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
cis-1,3-Dichloropropene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Cyclohexane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Dibromochloromethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Dichlorodifluoromethane	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Ethylbenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Freon-113	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Isopropylbenzene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
m,p-Xylene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Methyl acetate	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Methyl tert-butyl ether	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Methylcyclohexane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Methylene chloride	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
o-Xylene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH5 (4')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:00:00 PM
Lab ID:	1302L72-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Tetrachloroethene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Toluene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
trans-1,2-Dichloroethene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
trans-1,3-Dichloropropene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Trichloroethene	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Trichlorofluoromethane	BRL	10		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Vinyl chloride	BRL	20		ug/Kg-dry	173051	1	03/02/2013 22:02	MD
Surr: 4-Bromofluorobenzene	102	63.8-133		%REC	173051	1	03/02/2013 22:02	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	173051	1	03/02/2013 22:02	MD
Surr: Toluene-d8	97.9	72.8-122		%REC	173051	1	03/02/2013 22:02	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R239529	1	03/05/2013 11:30	AS

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH5-N (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:05:00 PM
Lab ID:	1302L72-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,1,2,2-Tetrachloroethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,1,2-Trichloroethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,1-Dichloroethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,1-Dichloroethene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,2,4-Trichlorobenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,2-Dibromo-3-chloropropane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,2-Dibromoethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,2-Dichlorobenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,2-Dichloroethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,2-Dichloropropane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,3-Dichlorobenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
1,4-Dichlorobenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
2-Butanone	BRL	93		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
2-Hexanone	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
4-Methyl-2-pentanone	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Acetone	BRL	190		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Benzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Bromodichloromethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Bromoform	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Bromomethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Carbon disulfide	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Carbon tetrachloride	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Chlorobenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Chloroethane	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Chloroform	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Chloromethane	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
cis-1,2-Dichloroethene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
cis-1,3-Dichloropropene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Cyclohexane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Dibromochloromethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Dichlorodifluoromethane	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Ethylbenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Freon-113	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Isopropylbenzene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
m,p-Xylene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Methyl acetate	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Methyl tert-butyl ether	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Methylcyclohexane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Methylene chloride	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
o-Xylene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH5-N (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:05:00 PM
Lab ID:	1302L72-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Tetrachloroethene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Toluene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
trans-1,2-Dichloroethene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
trans-1,3-Dichloropropene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Trichloroethene	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Trichlorofluoromethane	BRL	9.3		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Vinyl chloride	BRL	19		ug/Kg-dry	173051	1	03/02/2013 22:30	MD
Surr: 4-Bromofluorobenzene	95.5	63.8-133		%REC	173051	1	03/02/2013 22:30	MD
Surr: Dibromofluoromethane	103	74.3-130		%REC	173051	1	03/02/2013 22:30	MD
Surr: Toluene-d8	100	72.8-122		%REC	173051	1	03/02/2013 22:30	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.0	0		wt%	R239529	1	03/05/2013 11:30	AS

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH-S (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:10:00 PM
Lab ID:	1302L72-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,1,2,2-Tetrachloroethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,1,2-Trichloroethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,1-Dichloroethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,1-Dichloroethene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,2,4-Trichlorobenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,2-Dibromo-3-chloropropane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,2-Dibromoethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,2-Dichlorobenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,2-Dichloroethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,2-Dichloropropane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,3-Dichlorobenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
1,4-Dichlorobenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
2-Butanone	BRL	110		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
2-Hexanone	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
4-Methyl-2-pentanone	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Acetone	BRL	220		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Benzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Bromodichloromethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Bromoform	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Bromomethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Carbon disulfide	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Carbon tetrachloride	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Chlorobenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Chloroethane	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Chloroform	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Chloromethane	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
cis-1,2-Dichloroethene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
cis-1,3-Dichloropropene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Cyclohexane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Dibromochloromethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Dichlorodifluoromethane	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Ethylbenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Freon-113	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Isopropylbenzene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
m,p-Xylene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Methyl acetate	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Methyl tert-butyl ether	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Methylcyclohexane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Methylene chloride	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
o-Xylene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH-S (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:10:00 PM
Lab ID:	1302L72-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Tetrachloroethene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Toluene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
trans-1,2-Dichloroethene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
trans-1,3-Dichloropropene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Trichloroethene	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Trichlorofluoromethane	BRL	11		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Vinyl chloride	BRL	22		ug/Kg-dry	173051	1	03/02/2013 22:58	MD
Surr: 4-Bromofluorobenzene	100	63.8-133		%REC	173051	1	03/02/2013 22:58	MD
Surr: Dibromofluoromethane	104	74.3-130		%REC	173051	1	03/02/2013 22:58	MD
Surr: Toluene-d8	97.5	72.8-122		%REC	173051	1	03/02/2013 22:58	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.4	0		wt%	R239529	1	03/05/2013 11:30	AS

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH-E (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:15:00 PM
Lab ID:	1302L72-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,1,2,2-Tetrachloroethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,1,2-Trichloroethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,1-Dichloroethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,1-Dichloroethene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,2,4-Trichlorobenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,2-Dibromo-3-chloropropane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,2-Dibromoethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,2-Dichlorobenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,2-Dichloroethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,2-Dichloropropane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,3-Dichlorobenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
1,4-Dichlorobenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
2-Butanone	BRL	75		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
2-Hexanone	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Acetone	BRL	150		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Benzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Bromodichloromethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Bromoform	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Bromomethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Carbon disulfide	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Carbon tetrachloride	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Chlorobenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Chloroethane	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Chloroform	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Chloromethane	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
cis-1,2-Dichloroethene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
cis-1,3-Dichloropropene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Cyclohexane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Dibromochloromethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Ethylbenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Freon-113	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Isopropylbenzene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
m,p-Xylene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Methyl acetate	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Methyl tert-butyl ether	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Methylcyclohexane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Methylene chloride	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
o-Xylene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH-E (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:15:00 PM
Lab ID:	1302L72-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Tetrachloroethene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Toluene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
trans-1,2-Dichloroethene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
trans-1,3-Dichloropropene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Trichloroethene	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Trichlorofluoromethane	BRL	7.5		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Vinyl chloride	BRL	15		ug/Kg-dry	173051	1	03/02/2013 23:26	MD
Surr: 4-Bromofluorobenzene	97.1	63.8-133		%REC	173051	1	03/02/2013 23:26	MD
Surr: Dibromofluoromethane	101	74.3-130		%REC	173051	1	03/02/2013 23:26	MD
Surr: Toluene-d8	101	72.8-122		%REC	173051	1	03/02/2013 23:26	MD
PERCENT MOISTURE D2216								
Percent Moisture	21.0	0		wt%	R239529	1	03/05/2013 11:30	AS

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH-W (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:30:00 PM
Lab ID:	1302L72-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,1,2,2-Tetrachloroethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,1,2-Trichloroethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,1-Dichloroethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,1-Dichloroethene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,2,4-Trichlorobenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,2-Dibromo-3-chloropropane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,2-Dibromoethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,2-Dichlorobenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,2-Dichloroethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,2-Dichloropropane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,3-Dichlorobenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
1,4-Dichlorobenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
2-Butanone	BRL	91		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
2-Hexanone	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
4-Methyl-2-pentanone	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Acetone	BRL	180		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Benzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Bromodichloromethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Bromoform	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Bromomethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Carbon disulfide	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Carbon tetrachloride	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Chlorobenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Chloroethane	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Chloroform	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Chloromethane	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
cis-1,2-Dichloroethene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
cis-1,3-Dichloropropene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Cyclohexane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Dibromochloromethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Dichlorodifluoromethane	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Ethylbenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Freon-113	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Isopropylbenzene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
m,p-Xylene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Methyl acetate	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Methyl tert-butyl ether	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Methylcyclohexane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Methylene chloride	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
o-Xylene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0213-BH-W (2')
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013 4:30:00 PM
Lab ID:	1302L72-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Tetrachloroethene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Toluene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
trans-1,2-Dichloroethene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
trans-1,3-Dichloropropene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Trichloroethene	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Trichlorofluoromethane	BRL	9.1		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Vinyl chloride	BRL	18		ug/Kg-dry	173051	1	03/02/2013 21:33	MD
Surr: 4-Bromofluorobenzene	99.7	63.8-133		%REC	173051	1	03/02/2013 21:33	MD
Surr: Dibromofluoromethane	104	74.3-130		%REC	173051	1	03/02/2013 21:33	MD
Surr: Toluene-d8	98.1	72.8-122		%REC	173051	1	03/02/2013 21:33	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R239529	1	03/05/2013 11:30	AS

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013
Lab ID:	1302L72-013	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,1-Dichloroethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,1-Dichloroethene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,2-Dibromoethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,2-Dichloroethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,2-Dichloropropane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
2-Butanone	BRL	50		ug/L	173008	1	03/01/2013 23:37	GK
2-Hexanone	BRL	10		ug/L	173008	1	03/01/2013 23:37	GK
4-Methyl-2-pentanone	BRL	10		ug/L	173008	1	03/01/2013 23:37	GK
Acetone	BRL	50		ug/L	173008	1	03/01/2013 23:37	GK
Benzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Bromodichloromethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Bromoform	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Bromomethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Carbon disulfide	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Carbon tetrachloride	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Chlorobenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Chloroethane	BRL	10		ug/L	173008	1	03/01/2013 23:37	GK
Chloroform	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Chloromethane	BRL	10		ug/L	173008	1	03/01/2013 23:37	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Cyclohexane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Dibromochloromethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Dichlorodifluoromethane	BRL	10		ug/L	173008	1	03/01/2013 23:37	GK
Ethylbenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Freon-113	BRL	10		ug/L	173008	1	03/01/2013 23:37	GK
Isopropylbenzene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
m,p-Xylene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Methyl acetate	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Methylcyclohexane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Methylene chloride	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
o-Xylene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Mar-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Mohawk Industries	**Collection Date:**	2/26/2013
Lab ID:	1302L72-013	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Tetrachloroethene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Toluene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Trichloroethene	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Trichlorofluoromethane	BRL	5.0		ug/L	173008	1	03/01/2013 23:37	GK
Vinyl chloride	BRL	2.0		ug/L	173008	1	03/01/2013 23:37	GK
Surr: 4-Bromofluorobenzene	97	64.6-123		%REC	173008	1	03/01/2013 23:37	GK
Surr: Dibromofluoromethane	101	76.6-133		%REC	173008	1	03/01/2013 23:37	GK
Surr: Toluene-d8	102	77.8-120		%REC	173008	1	03/01/2013 23:37	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Gaia Tech Work Order Number 1302L72

Checklist completed by [signature] 2-28-13
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 3.4° 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 ✓ (m) 2/28/13 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173008

Sample ID: **MB-173008** Client ID: Units: **ug/L** Prep Date: **02/28/2013** Run No: **239305**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173008** Analysis Date: **02/28/2013** Seq No: **5009505**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173008

Sample ID: **MB-173008** Client ID: Units: **ug/L** Prep Date: **02/28/2013** Run No: **239305**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173008** Analysis Date: **02/28/2013** Seq No: **5009505**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	48.63	0	50	0	97.3	64.6	123	0	0	0	
Surr: Dibromofluoromethane	50.07	0	50	0	100	76.6	133	0	0	0	
Surr: Toluene-d8	51.69	0	50	0	103	77.8	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173008

Sample ID: **LCS-173008** Client ID: Units: **ug/L** Prep Date: **02/28/2013** Run No: **239305**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173008** Analysis Date: **02/28/2013** Seq No: **5009504**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	61.38	5.0	50	0	123	61.1	142	0	0	0	
Benzene	50.58	5.0	50	0	101	73.5	130	0	0	0	
Chlorobenzene	47.01	5.0	50	0	94	72.4	123	0	0	0	
Toluene	49.12	5.0	50	0	98.2	73.6	130	0	0	0	
Trichloroethene	48.67	5.0	50	0	97.3	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	49.40	0	50	0	98.8	64.6	123	0	0	0	
Surr: Dibromofluoromethane	52.59	0	50	0	105	76.6	133	0	0	0	
Surr: Toluene-d8	52.45	0	50	0	105	77.8	120	0	0	0	

Sample ID: **1302M39-001AMS** Client ID: Units: **ug/L** Prep Date: **02/28/2013** Run No: **239305**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173008** Analysis Date: **02/28/2013** Seq No: **5009515**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	64.60	5.0	50	0	129	60	168	0	0	0	
Benzene	52.31	5.0	50	0	105	66.6	148	0	0	0	
Chlorobenzene	47.98	5.0	50	0	96	71.9	135	0	0	0	
Toluene	50.78	5.0	50	0	102	68	149	0	0	0	
Trichloroethene	50.16	5.0	50	0	100	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	50.14	0	50	0	100	64.6	123	0	0	0	
Surr: Dibromofluoromethane	52.00	0	50	0	104	76.6	133	0	0	0	
Surr: Toluene-d8	52.10	0	50	0	104	77.8	120	0	0	0	

Sample ID: **1302M39-001AMSD** Client ID: Units: **ug/L** Prep Date: **02/28/2013** Run No: **239305**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173008** Analysis Date: **02/28/2013** Seq No: **5009916**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	65.02	5.0	50	0	130	60	168	64.60	0.648	18.6	
Benzene	51.55	5.0	50	0	103	66.6	148	52.31	1.46	20	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173008

Sample ID: **1302M39-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **02/28/2013** Run No: **239305**
BatchID: **173008** Analysis Date: **02/28/2013** Seq No: **5009916**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	47.93	5.0	50	0	95.9	71.9	135	47.98	0.104	20	
Toluene	49.82	5.0	50	0	99.6	68	149	50.78	1.91	20	
Trichloroethene	50.02	5.0	50	0	100	71.1	154	50.16	0.279	20	
Surr: 4-Bromofluorobenzene	49.07	0	50	0	98.1	64.6	123	50.14	0	0	
Surr: Dibromofluoromethane	51.53	0	50	0	103	76.6	133	52.00	0	0	
Surr: Toluene-d8	51.57	0	50	0	103	77.8	120	52.10	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173024

Sample ID: **MB-173024** Client ID: Units: **ug/L** Prep Date: **03/01/2013** Run No: **239325**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173024** Analysis Date: **03/01/2013** Seq No: **5010931**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173024

Sample ID: **MB-173024** Client ID: Units: **ug/L** Prep Date: **03/01/2013** Run No: **239325**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173024** Analysis Date: **03/01/2013** Seq No: **5010931**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	49.27	0	50	0	98.5	64.6	123	0	0	0	
Surr: Dibromofluoromethane	51.73	0	50	0	103	76.6	133	0	0	0	
Surr: Toluene-d8	51.68	0	50	0	103	77.8	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173024

Sample ID: **LCS-173024** Client ID: Units: **ug/L** Prep Date: **03/01/2013** Run No: **239325**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173024** Analysis Date: **03/01/2013** Seq No: **5010929**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.38	5.0	50	0	115	61.1	142	0	0	0	
Benzene	46.51	5.0	50	0	93	73.5	130	0	0	0	
Chlorobenzene	43.48	5.0	50	0	87	72.4	123	0	0	0	
Toluene	45.17	5.0	50	0	90.3	73.6	130	0	0	0	
Trichloroethene	43.33	5.0	50	0	86.7	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	49.63	0	50	0	99.3	64.6	123	0	0	0	
Surr: Dibromofluoromethane	52.35	0	50	0	105	76.6	133	0	0	0	
Surr: Toluene-d8	52.25	0	50	0	104	77.8	120	0	0	0	

Sample ID: **1302M71-001AMS** Client ID: Units: **ug/L** Prep Date: **03/01/2013** Run No: **239325**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173024** Analysis Date: **03/01/2013** Seq No: **5010933**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	60.26	5.0	50	0	121	60	168	0	0	0	
Benzene	47.24	5.0	50	0	94.5	66.6	148	0	0	0	
Chlorobenzene	44.07	5.0	50	0	88.1	71.9	135	0	0	0	
Toluene	45.73	5.0	50	0	91.5	68	149	0	0	0	
Trichloroethene	44.35	5.0	50	0	88.7	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	49.19	0	50	0	98.4	64.6	123	0	0	0	
Surr: Dibromofluoromethane	51.22	0	50	0	102	76.6	133	0	0	0	
Surr: Toluene-d8	51.86	0	50	0	104	77.8	120	0	0	0	

Sample ID: **1302M71-001AMSD** Client ID: Units: **ug/L** Prep Date: **03/01/2013** Run No: **239325**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173024** Analysis Date: **03/01/2013** Seq No: **5010934**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	62.83	5.0	50	0	126	60	168	60.26	4.18	18.6	
Benzene	47.45	5.0	50	0	94.9	66.6	148	47.24	0.444	20	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173024

Sample ID: **1302M71-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **03/01/2013** Run No: **239325**
BatchID: **173024** Analysis Date: **03/01/2013** Seq No: **5010934**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	45.13	5.0	50	0	90.3	71.9	135	44.07	2.38	20	
Toluene	45.53	5.0	50	0	91.1	68	149	45.73	0.438	20	
Trichloroethene	42.71	5.0	50	0	85.4	71.1	154	44.35	3.77	20	
Surr: 4-Bromofluorobenzene	50.20	0	50	0	100	64.6	123	49.19	0	0	
Surr: Dibromofluoromethane	51.49	0	50	0	103	76.6	133	51.22	0	0	
Surr: Toluene-d8	51.21	0	50	0	102	77.8	120	51.86	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173051

Sample ID: **MB-173051** Client ID: Units: **ug/Kg** Prep Date: **03/01/2013** Run No: **239380**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173051** Analysis Date: **03/01/2013** Seq No: **5011061**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173051

Sample ID: **MB-173051** Client ID: Units: **ug/Kg** Prep Date: **03/01/2013** Run No: **239380**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173051** Analysis Date: **03/01/2013** Seq No: **5011061**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	51.09	0	50	0	102	63.8	133	0	0	0	
Surr: Dibromofluoromethane	50.92	0	50	0	102	74.3	130	0	0	0	
Surr: Toluene-d8	48.13	0	50	0	96.3	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173051

Sample ID: **LCS-173051** Client ID: Units: **ug/Kg** Prep Date: **03/01/2013** Run No: **239380**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173051** Analysis Date: **03/01/2013** Seq No: **5011062**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.54	5.0	50	0	89.1	63.1	140	0	0	0	
Benzene	47.59	5.0	50	0	95.2	70.2	130	0	0	0	
Chlorobenzene	45.63	5.0	50	0	91.3	70	126	0	0	0	
Toluene	48.27	5.0	50	0	96.5	70.5	130	0	0	0	
Trichloroethene	49.32	5.0	50	0	98.6	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	49.21	0	50	0	98.4	63.8	133	0	0	0	
Surr: Dibromofluoromethane	48.15	0	50	0	96.3	74.3	130	0	0	0	
Surr: Toluene-d8	49.81	0	50	0	99.6	72.8	122	0	0	0	

Sample ID: **1302K15-031AMS** Client ID: Units: **ug/Kg** Prep Date: **03/01/2013** Run No: **239506**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173051** Analysis Date: **03/05/2013** Seq No: **5013413**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.72	5.0	50	0	113	58.8	157	0	0	0	
Benzene	52.33	5.0	50	0	105	66.3	139	0	0	0	
Chlorobenzene	54.25	5.0	50	0	108	67.8	131	0	0	0	
Toluene	51.99	5.0	50	0	104	66	138	0	0	0	
Trichloroethene	54.72	5.0	50	0	109	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	51.14	0	50	0	102	63.8	133	0	0	0	
Surr: Dibromofluoromethane	50.04	0	50	0	100	74.3	130	0	0	0	
Surr: Toluene-d8	50.40	0	50	0	101	72.8	122	0	0	0	

Sample ID: **1302K15-031AMSD** Client ID: Units: **ug/Kg** Prep Date: **03/01/2013** Run No: **239506**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **173051** Analysis Date: **03/05/2013** Seq No: **5013417**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.04	5.0	50	0	110	58.8	157	56.72	3.01	21.9	
Benzene	49.83	5.0	50	0	99.7	66.3	139	52.33	4.89	22.3	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1302L72

ANALYTICAL QC SUMMARY REPORT

BatchID: 173051

Sample ID: **1302K15-031AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/Kg** Prep Date: **03/01/2013** Run No: **239506**
BatchID: **173051** Analysis Date: **03/05/2013** Seq No: **5013417**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	53.15	5.0	50	0	106	67.8	131	54.25	2.05	17.3	
Toluene	49.48	5.0	50	0	99	66	138	51.99	4.95	18.1	
Trichloroethene	53.69	5.0	50	0	107	72.5	141	54.72	1.9	18.7	
Surr: 4-Bromofluorobenzene	51.59	0	50	0	103	63.8	133	51.14	0	0	
Surr: Dibromofluoromethane	51.41	0	50	0	103	74.3	130	50.04	0	0	
Surr: Toluene-d8	49.84	0	50	0	99.7	72.8	122	50.40	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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 D
SUMMARY OF PROFESSIONAL ENGINEER HOURS

SUMMARY OF PROFESSIONAL ENGINEER HOURS

Mohawk Industries
Eton, Georgia
GaiaTech Project No. B2618-440-1

Quantity	Units	Time Period + Description of Activities	Hours		
					Subtotal
		Groundwater and Soil Delineation Scope of Work (January - March 2013) and Review of 2nd Semi-Annual Progress Report (April 2013)			
6.00	Hours	Sr. Project Manager (David S. Buchalter, P.E.)			6.00

P.E. MONTHLY HOURS TOTAL => 6.00

Confidential

October 11, 2013

Mr. Derrick Williams
Georgia Environmental Protection Division
2 Martin Luther King, Jr. Dr. SE
Suite 1462 East Tower
Atlanta, GA 30334

RE: 3rd Semi-Annual Progress Report, April 12, 2013, Diamond Rug and Carpet Mills, Eton, Murray County, Georgia; HSI#10534

Dear Mr. Williams:

GaiaTech Incorporated (**GAIATECH**) is submitting this progress report to update the status of the former Diamond Rug and Carpet Mills facility (currently operating as Mohawk Industries and hereinafter referred to as the "Site") located in Eton, Murray County, Georgia. This update details the findings of the last semi-annual sampling event, updates the Conceptual Site Model (CSM) for the Site, and provides conclusions and recommendations as detailed in subsequent sections.

INTRODUCTION AND BACKGROUND

The subject property is located at 4140 North Highway 411 just north of the city limit in Murray County, Georgia. **Figure 1** in **Attachment 1** illustrates the location of this Site. The Site is currently used for manufacturing carpet and is presently owned by the Aladdin Manufacturing Division of Mohawk Industries, Inc. (Mohawk).

The property is located within an industrial area on the north side of Eton Georgia. It is bounded on the north by a small tufting operation and undeveloped land, to the east by CSX railroad line that is bounded further to the east by other industrial facilities, to the south by Beaulieau Industries and to the west of US Highway 411 by Superior Carpets. See **Figure 2** in **Attachment 1** for a Site layout map.

CURRENT REGULATORY STATUS

The Site was listed on the Georgia Hazardous Site Inventory (HSI) for a release of tetrachloroethene (PCE) in groundwater at a concentration exceeding a reportable quantity on April 9, 1999. The Site was designated as a Class II Site with HSI No. 10534. Since then, numerous Site investigation and reporting activities have been conducted by others to further characterize the release.

GaiaTech, Inc. (GaiaTech) was retained by Mohawk to respond to a November 9, 2010 Notice of Deficiency (NOD) letter from the Georgia Environmental Protection Division (GEPD) regarding an Interim Remedial Status Report prepared by Conestoga Rovers in June of 2005. In the letter, the GEPD required additional clarification to the June 2005 report, as well as additional sampling to define and characterize the extent of impact of various regulated substances in soil and groundwater.

GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by the preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Response Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones. The following details the relative milestones and items completed, which are as follows:

- **Semi-Annual Progress Reports** – October 12 and April 12 through October 12, 2016. A total of two (2) Semi-Annual Progress Reports have been Submitted to date: October 12, 2012;
- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval);
- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval);
- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval);
- **Submission of Compliance Status Report** – April 12, 2017.

To date, three of the above milestones have been completed by Mohawk (i.e., complete horizontal delineation on the qualifying property and all impacted properties). The remainder of this report details the findings of the 3rd Semi-Annual sampling event.

3RD SEMI-ANNUAL GROUNDWATER SAMPLING ACTIVITIES

A semi-annual groundwater sampling event was conducted on September 12, 2013 to provide continued data evaluation of the groundwater plume. Samples were collected from the following monitoring wells:

- OW-2, OW-5, OW-7, OW-8D, OW-9, OW-10, OW-11, OW-12, OW-13, and MWW-1

Top Casing Survey and Groundwater Elevation Measurements

Water level information from the September sampling event is summarized on **Table 1** in **Attachment 2**. The water level data was used to determine the volume of water to be purged from each well prior to sample collection, as well as the static groundwater elevation in each well. GaiaTech measured the relative top of casing elevations of newly installed wells utilizing previously recorded survey data from existing Site monitoring wells. Discrepancies in the elevations of existing monitoring wells necessitated a new round of top of casing measurements such that an accurate portrayal of the potentiometric surface could be depicted. Individual monitoring well purge volumes were calculated as follows:

Depth of well (ft) - Static water level (ft) = Column of water (ft)

Column of water (linear ft) x 0.17 gallons/ft. x 3 well volumes = Gallons of water to purge

Prior to well purging and sampling, the depth to water in each monitoring well was measured at the marking indication for the top of casing elevation with an electronic water level indicator. Each well measurement was recorded by slowly lowering the indicator probe into the well until the audible and visual signal indicated the static water surface had been reached. Subsequently, the elevation was then recorded to the nearest 0.01 foot. The well data was recorded on field logs which are included in the Water Quality Sampling Forms in **Attachment 3**. The groundwater elevation of select monitoring wells was utilized to prepare a potentiometric map of water levels recorded on September 12, 2013. This potentiometric map for the shallow unconfined water table is included as **Figure 3** in **Attachment 1.** According to potentiometric data, groundwater at the property appears to be flowing to the southeast towards Mill Creek.

Well Purging

Well purging and sampling activities were conducted in accordance with the U.S. Environmental Protection Agency (EPA) Science and Ecosystem Support Division (SESD) Operating Procedure (OP) for Groundwater Sampling (SESDPROC-301-R2, March 2013; Sections 3.2.1.1.1 and 3.2.1.1.2).

Prior to sample collection, monitoring wells were purged via peristaltic pump. The pump and discharge tubing or peristaltic suction tubing was slowly lowered into the well, and placed approximately in the center of the measured water column. If the top of the water column interface was discernible during pump deployment, then the pump was lowered a distance of approximately half of the calculated static water column. In the event that the top of the static water column was not discernible during pump deployment, then, upon encountering the bottom of the well, the pump was raised a distance of approximately half of the static water column to position the pump in the middle of the static water column.

The monitoring wells were purged at a low flow rate in an attempt not to evacuate all the water from the wells such that the water column was not purged dry. However, many of the

monitoring wells were purged dry. During the purging process, the flow was adjusted as necessary to mimic the natural recharge rate of the well in order to minimize aquifer stress. During the well purging process, discrete samples were collected at pre-determined intervals and analyzed for field parameters which included temperature, pH, specific conductance, turbidity, dissolved oxygen (DO), total dissolved solids (TDS), and oxidation-reduction potential (ORP). The results of these measurements are presented on the Water Quality Sampling Forms in **Attachment 3**. The wells were purged of a minimum of three well volumes, until the field parameters stabilized, or until the wells were purged dry, whichever occurred first.

Sampling Procedures

Groundwater sampling was conducted in accordance with procedures outlined in SESD Operating Procedures for Groundwater Sampling (SESDPROC-301-R2, March 2013; Sections 4.3.1.1 and 4.3.1.3). Groundwater samples were collected following well purging and appropriate recharge. Copies of the data recorded during purging activities are included in the Water Quality Sampling Forms shown in **Attachment 3**.

Samples were collected via the "straw method" whereby the tubing was allowed to fill with groundwater, the pump was shut off, and the suction portion of the tubing was withdrawn from the well with a thumb placed over the tubing end. The tubing was then withdrawn from the well and then carefully poured into the supplied laboratory containers. The laboratory-supplied sample containers were then carefully filled and labeled. Required sample volumes, types of containers, sample preservatives, and holding times followed guidelines presented in SESD the most current guidelines.

Sample containers were labeled and placed in iced containers for storage to maintain a temperature of 4^{o} C. Chain-of-custody procedures were utilized to record and document sample times and changes of possession.

Decontamination Procedures

The only non-disposable sampling equipment utilized during Site activities was the electronic water level indicator. Subsequent to measuring groundwater elevations as described above, the electronic water level indicator tape was decontaminated between each monitoring well measurement in accordance with SESDPROC-205-R2, December 2011, by:

- Alconox and tap water wash;
- Tap water rinse; and
- Deionized water rinse.

In addition to decontamination procedures, monitoring wells were measured from least to most impacted to minimize any potential cross-contamination issues.

Analytical Procedures
Analytical parameters included VOCs utilizing EPA Method 8260B.

CONCEPTUAL SITE MODEL UPDATE

The Conceptual Site Model (CSM) will be updated and revised as Site assessment and receptor characterization activities continue. The following is the updated CSM as of the data available at the time of this report.

Soil Data
The VIRP submitted in December 2011 stated that the concentrations of remaining soils did not exceed the notification concentrations found in Appendix I of the Rules for Hazardous Site Response of Type 1 Risk Reduction Standard. The GEPD disagreed in the VIRP comment letter dated April 12, 2012 (Comment #4) pointing out that soil boring BH-5 exhibited a PCE concentration of 0.580 mg/kg, which does not meet the Type 1 RRS of 0.500 mg/kg.

BH-5 was collected on May 14, 2002 and was advanced within the area of the gravel drain field. A soil sample collected at a 2 foot depth interval exhibited a PCE concentration of 0.580 mg/kg. This area was later remediated via soil injection of potassium permanganate in December 2002, April 2003, and June 2004. The concentration of BH-5 indicated that PCE exceeded RRS criteria in May of 2002; however, the sample location was never re-sampled subsequent to the permanganate treatment to verify that the detection had been successfully remediated.

In order to verify that past soil remedial efforts had reduced soil PCE concentrations in and around the location of the sample collected form BH-5 in 2002, a total of five additional soil borings were installed in and around the location of BH-5 in February of 2013. Analytical testing results indicated no detections of PCE or other VOCs above the laboratory detection limits. Thus, the assessment data indicates that not latent soil sources remain at the Site.

Groundwater Data
A total of three (3) additional groundwater monitoring wells were installed in February 2013 and a fourth well was installed in March 2013 to define the horizontal extent of groundwater impact on the VRP property. Monitoring wells OW-2, OW-5, OW-7, OW-9 to OW-13, and MWW-1 were sampled to evaluate the horizontal distribution and concentration of the shallow groundwater plume during the September 2013 semi-annual sampling event, while monitoring well OW-8D was sampled to evaluate the vertical distribution of the groundwater plume. The following summarizes analytical findings of the sampling efforts:

Volatile Organic Compounds
None of the shallow monitoring wells described above for evaluating the horizontal extent of the groundwater plume contained concentrations in excess of the laboratory detection limit. Monitoring well OW-8D, sampled to evaluate the vertical extent of

impact, contained concentrations of 1,1-Dichloroethane (12 μg/L), 1,1-Dichloroethene (18 μg/L), and Tetrachloroethene (78 μg/L) in excess of the laboratory detection limit. All other concentrations of VOCs were reported below the laboratory detection limits. The analytical data suggests that the shallow groundwater plume has decreased to below laboratory reporting limits, while select concentrations of VOC constituents in the deeper monitoring point (OW-8D) have increased compared to prior sampling events. Analytical data are summarized on **Table 2** in **Attachment 2** while the laboratory analytical data reports and accreditation are provided in **Attachment 4**. **Figure 4** in **Attachment 1** summarizes the current detections of VOCs.

Receptor Survey

Groundwater Pathway

The groundwater plume had been horizontally defined on the VRP property. The off-Site migration of the groundwater plume may be monitored through periodic sampling (as necessary), to demonstrate that that the plume is not migrating to a receptor point. No drinking water receptors have been identified within applicable radii. Thus, there is no complete exposure pathway for groundwater.

Surface Water Pathway

Mill Creek is located approximately 1,000 feet east of the Site (**see Figure 1**) and flows in a north-south direction. Topographic gradients in the vicinity of the property slope in a southeasterly direction toward Mill Creek mirroring groundwater flow direction data from Site monitoring wells. Potentiometric data gathered during September 2013 indicates that shallow groundwater flow is flowing toward Mill Creek. Presently, the shallow groundwater plume is below laboratory detection limit concentrations for all analyzed constituents. As such, there is no complete surface water pathway.

Soil Pathway

The VIRP comment letter dated April 12, 2012 indicated that a detection of PCE of 0.580 mg/kg at soil boring BH-5 at 2 feet did not meet any RRS criteria. Additionally, the comment letter further stated that, because the RRS criteria are exceeded, the EPD cannot confirm that the inhalation, ingestion, and dermal contact risks are minimal. However, the area in/around BH-5 was treated with potassium permanganate injections in 2002, 2003, and 2004. Thus, it is likely that this detection of PCE in BH-5 at 2 feet was remediated to below RRS criteria as a result of these remedial efforts.

Post-remedial evaluation of the location of BH-5 was conducted in February of 2013 via the installation of five soil borings in /around the location of BH-5. Laboratory analytical testing results indicated concentrations of VOCs in all samples below the laboratory detection limits. As such, the soil pathway is incomplete and not a risk to human health or environmental receptors.

Vapor Intrusion Pathway

As stated in the 1st Semi-annual Progress Report dated October 12, 2012, the only groundwater monitoring well evaluating impacts below building structures was monitoring well OW-6. The concentration of groundwater detected in OW-6 during the September 2012 sampling event were entered into the EPA's Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 2.0, May 2012 RSLs. Evaluating these levels using the OSWER calculator indicated that the shallow groundwater levels of PCE are below the guidance levels using a 1×10^{-5} risk factor based on residential usage. Therefore, the vapor exposure pathway does not pose a significant risk to workers at the Site.

ADDITIONAL GROUNDWATER ASSESSMENT

The horizontal extent of shallow groundwater impact has been defined and presently, the monitoring wells evaluated as part of this 3rd semi-annual sampling update do not contain VOC concentrations in excess of laboratory detection limits. Presently, monitoring well OW-8D is the deepest well at the VIRP property. The most recent round of groundwater samples collected in September 2013 indicates that concentration trend in OW-8D is increasing. Deeper groundwater assessment activities will continue as the CSM is updated with the goal of vertical delineation within 30 months of VIRP approval as detailed in the April 12, 2012 schedule.

CORRECTIVE ACTION EVALUATION

The remedial levels that the VRP property has to meet in order to demonstrate compliance with applicable RRS is as follows:

Regulated Constituent	CAS Number	Type 1/3 RRS Criteria (µg/l)	Type 2/4 Criteria (µg/l)	Most Recent Detection (µg/l)*
1,1-Dichloroethane (1,1-DCA)	75-34-3	4,000	NC	12 (OW-8D)
1,1-Dichloroethene (1,1-DCE)	75-35-4	7	NC	**18 (OW-8D)**
Tetrachloroethene (PCE)	127-18-4	5	**19/98****	78 (OW-8D)

Notes:

*- Based upon laboratory analytical testing data from September 2013.

**- Based upon the approved Type 2 RRS for PCE in comment #5 of EPD's April 12, 2012 VIRP Comment Letter.

ND – Not Detected

NC – Not Calculated.

A comparison of the most recent concentrations of regulated substances to respective RRS criteria indicates that groundwater is in compliance with applicable clean-up criteria with the exception of 1,1-DCE, which exceeds the Type 1/3 RRS criteria of 7 μg/L. Future activities may include the preparation of a Site-specific Type 4 RRS for 1,1,-DCE. The Type 2 standard for PCE is exceeded in OW-8D, but is below the Type 4 RRS of 98 μg/L.

Currently, the only concentrations of regulated constituents are being reported in the deep monitoring well OW-8D. The nearest receptor is Mill Creek, located approximately 1,000 feet east of the Site. As such, no corrective action activities are planned for groundwater detections as they pose no significant risk to a human and/or environmental receptor.

GaiaTech corresponded with Jason Metzger and Antonia Beavers with the Georgia EPD on September 26, 2013 to discuss the current Site data and the possibility of submitting a Compliance Status Report (CSR) in lieu of this current 3rd Semi-Annual Progress Report. According to the Georgia EPD, vertical delineation of the groundwater plume would be required, even if no drinking water receptors are identified since the Site was listed on the HSI for the "Groundwater Pathway". As such, Mohawk plans on certifying compliance with applicable RRSs subsequent to vertical delineation completion. Complete vertical delineation of the groundwater plume is required prior to October 12, 2014, per the VIRP Milestone Schedule.

PROFESSIONAL CERTIFICATION AND SUMMARY OF HOURS

The professional certification and summary of hours in included in **Attachment 5**.

Please do not hesitate to contact any of the undersigned if you have any questions or need additional information.

Sincerely,
GAIATECH INCORPORATED

Michael H. Wilson
Sr. Project Manager, Site Investigation & Remediation
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Technical Review and Concurrence by:

William H. Lucas, III
Director, Site Investigation & Remediation
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Manager, Engineering
Georgia Professional Engineer
(404) 809-3863

Attachments:

Attachment 1 – Maps
- Figure 1 - Site Location Map
- Figure 2 - Site Layout and Sample Location Map

Attachment 2 - Tables
- Table 1 - Soil Analytical Testing Data Summary Table
- Table 2 – Sub-Slab Soil Gas Testing Data Summary Table

Attachment 3 - Monitoring Well Purging and Sampling Information

Attachment 4 - Laboratory Analytical Data Reports

Attachment 5 – Professional Certification and Summary of Hours

ATTACHMENT 1

MAPS

Scale 1: 24 000
Contour Interval 10 Feet

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

Quadrangle Location

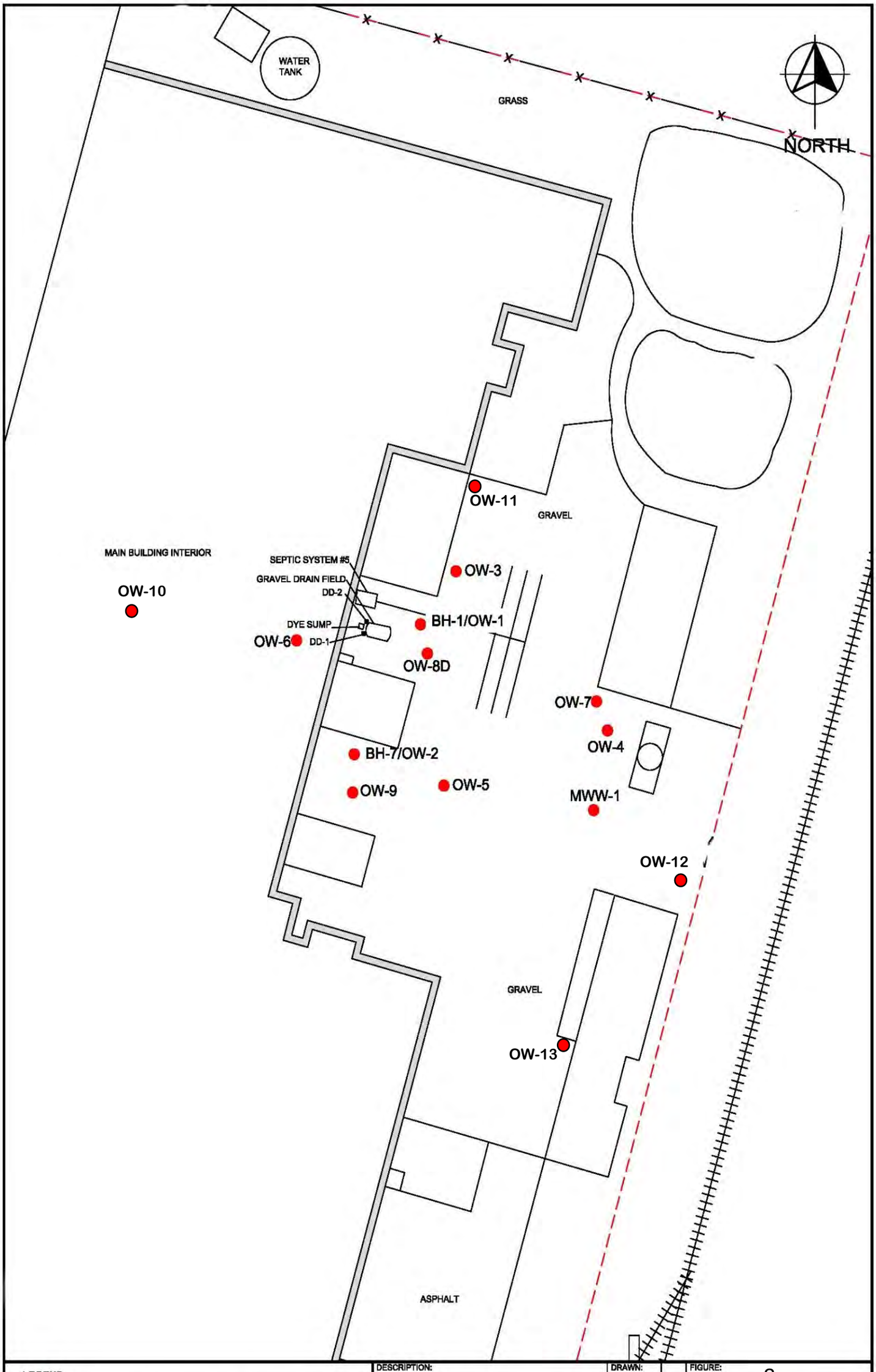
UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
CHATWORTH QUADRANGLE
GEORGIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
1972
PHOTOREVISED 1985

Mohawk Industries, Inc.
Eton, Georgia
Project No. 150314.300.00

Figure 1

Site Location and Topographic Map

GaiaTech



LEGEND

● GROUNDWATER MONITORING WELL

DESCRIPTION:

SITE LAYOUT MAP

MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW

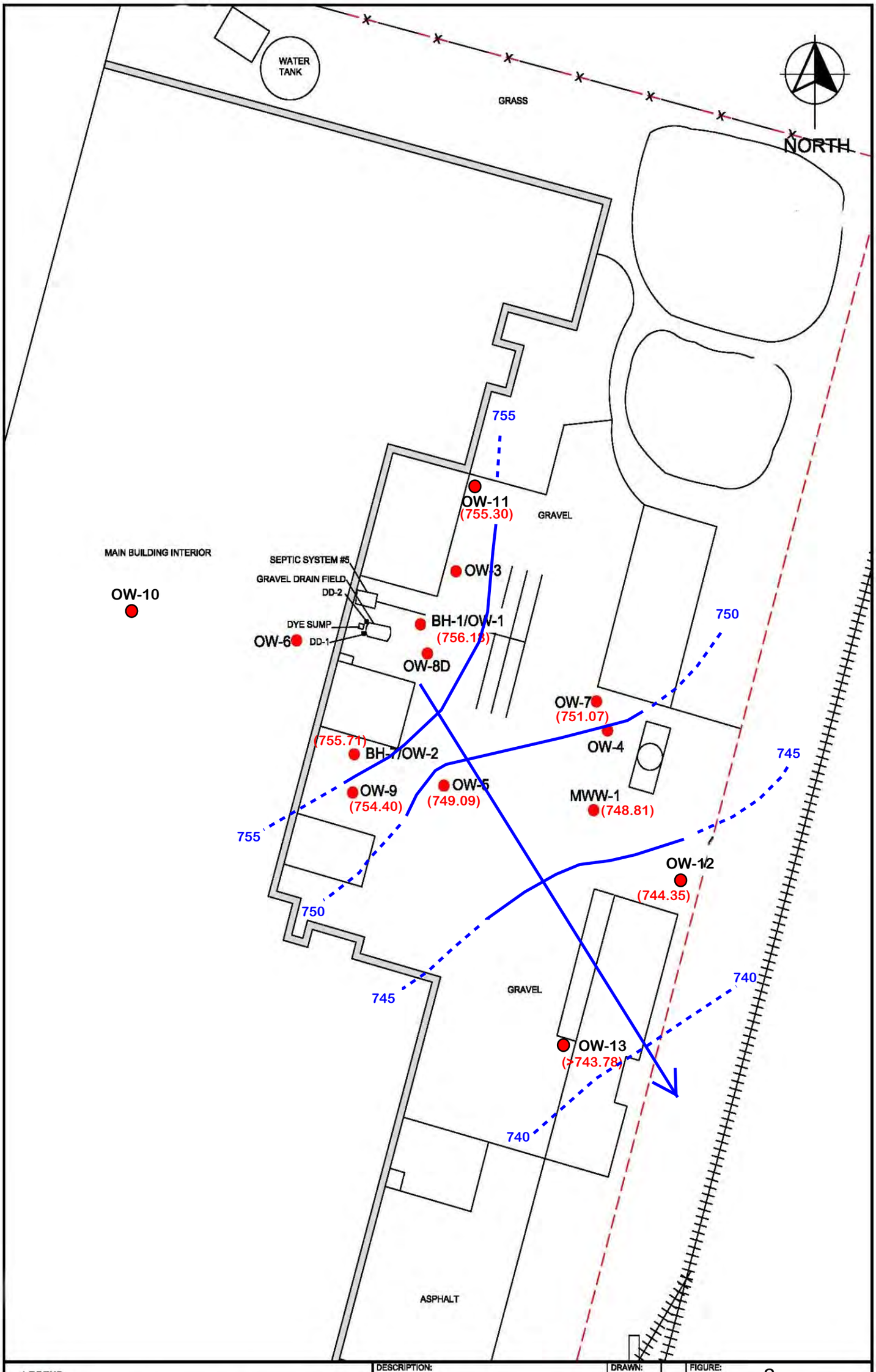
SCALE: 1"=50' (APPROX)

DATE: 3/18/13

FILE:

FIGURE: 2

GaiaTech



LEGEND

- GROUNDWATER MONITORING WELL
- 754 GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

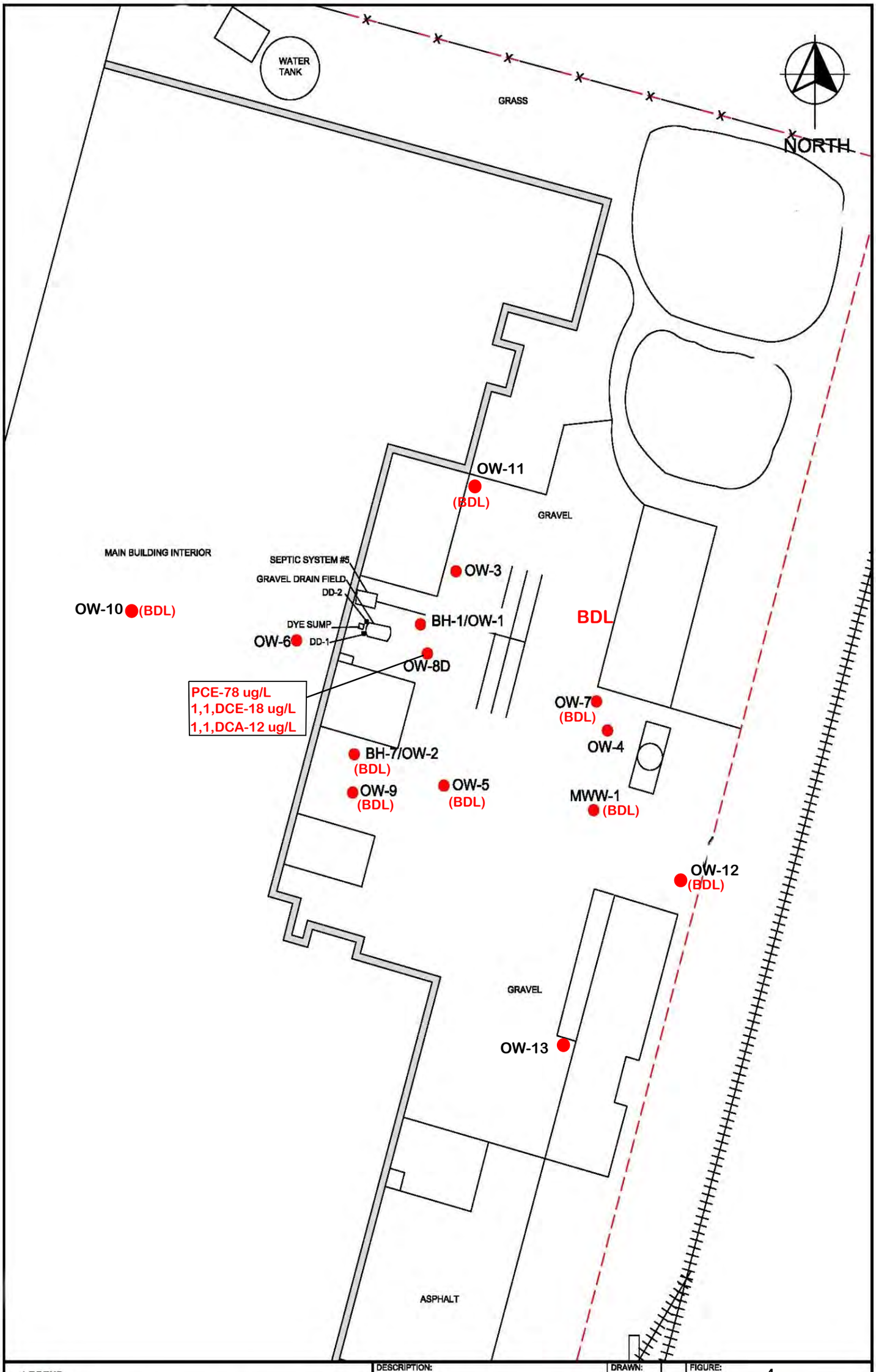
DESCRIPTION:
POTENTIOMETRIC SURFACE MAP (SEPTEMBER 2013)

MOHAWK INDUSTRIES, INC.
ETON, MURRAY COUNTY, GEORGIA

DRAWN: MHW
SCALE: 1"=50' (APPROX)
DATE: 9/20/13
FILE:

FIGURE: 3

GaiaTech



LEGEND

- GROUNDWATER MONITORING WELL
- (BDL) GROUNDWATER VOC CONCENTRATION - ug/L
- PCE TETRACHLRORETHENE

DESCRIPTION:
SUMMARY OF VOLATILE ORGANIC CONSTITUENTS IN GROUNDWATER
MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW
SCALE: 1"=50' (APPROX)
DATE: 9/21/13
FILE:

FIGURE: 4

GaiaTech

ATTACHMENT 2

TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA

Mohawk Industries
Eton, Georgia
GaiaTech Project No. 152194.300.00

Well I.D.	Date	Top of Casing Elevation (feet)	Total Well Depth (feet)	Screen Interval (feet)	Screened Interval Elevation (feet)	Depth to Groundwater (feet)	Water Level Elevation (feet)
OW-1	03/16/11	775.72	19.50	23 to 28	752.72 to 747.72	-	-
	09/07/12					19.40	756.32
	03/18/13	774.94				18.65	756.29
	09/12/13					18.76	756.18
OW-2	03/16/11	775.80	28.00	23 to 28	752.80 to 747.80	14.21	761.59
	09/07/12					18.49	757.31
	03/18/13	775.02				15.58	759.44
	09/12/13					19.31	755.71
OW-3	03/16/11	775.46	28.00	23 to 28	752.46 to 747.46	24.11	751.35
	09/07/12					Destroyed	
OW-5	03/16/11	774.56	28.00	23 to 28	751.56 to 746.56	23.21	751.35
	02/25/13					14.60	759.96
	03/18/13	773.80				16.69	757.11
	09/12/13					24.71	749.09
OW-6	03/16/11	778.63	42.90	23 to 28	730.73 to 735.73	31.99	746.64
	09/07/13					36.41	742.22
	03/18/13	779.52				29.21	750.31
OW-7	03/16/11	772.56	28.00	23 to 28	749.56 to 744.56	NS	NS
	09/07/12					19.46	753.10
	02/25/13					12.28	760.28
	03/18/13	772.56				15.61	756.95
	09/12/13					21.49	751.07
OW-8D	03/16/11	774.88	48.82	TBD	TBD to 726.06	28.60	746.28
	09/07/13					40.82	734.06
	03/18/13	774.88				29.89	744.99
	09/12/13					36.96	737.92
OW-9	03/16/11	775.90	28.00	23 to 28	752.90 to 747.90	12.86	763.04
	09/07/12					20.81	755.09
	02/25/13					15.16	760.74
	03/18/13	775.14				17.14	758.00
	09/12/13					20.74	754.40
OW-10	02/25/13	779.45	45.00	30 to 45	764.45 to 749.45	40.48	738.97
	03/18/13					37.95	741.50
	09/12/13					37.55	741.90
OW-11	02/25/13	775.34	30.00	15 to 30	760.34 to 745.34	13.75	761.59
	03/18/13					15.71	759.63
	09/12/13					20.04	755.30
OW-12	02/25/13	770.46	30.00	15 to 30	755.46 to 740.46	14.22	756.24
	03/18/13					17.91	752.55
	09/12/13					26.11	744.35
OW-13	03/18/13	773.78	30.00	15 to 30	758.78 to 743.78	22.33	751.45
	09/12/13					DRY	
MWW-1	03/16/11	773.35	35.00	20 to 35	753.35 to 738.35	20.00	753.35
	09/07/12					24.23	749.12
	02/25/13					15.41	757.94
	03/18/13	772.58				17.13	755.45
	09/12/13					23.77	748.81

NOTES:

TBD - Well construction details not available. Additional measures may be implemented to gather data gaps.

*Monitoring wells were re-surveyed on 3/18/13 to a common benchmark. Newly recorded elevations are indicated in top of casing elevation column.

NS - Not Sampled.

NA - Not Applicable.

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS

Mohawk Industries
Eton, Georgia
GaiaTech Project No. 152194.300.00

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-1	5/21/2002	ND	7.7	**13**	ND	**96**	ND	ND
	2/4/2003	ND	ND	ND	5.8	**66**	ND	ND
	6/25/2003	ND	6.5	ND	ND	**73**	ND	ND
	11/21/2003	ND	ND	ND	5.4	6.3	ND	ND
	3/4/2004	ND	ND	ND	14	17	ND	ND
	8/13/2004	ND	ND	ND	ND	73	ND	ND
	1/28/2005	ND	ND	ND	7.6	7.8	ND	ND
	9/7/2012	Well Damaged - Obstruction at 19.5 ft.						
OW-2	5/21/2002	ND	19	**14**	ND	**29**	ND	ND
	2/4/2003	ND	13	ND	ND	ND	ND	ND
	6/25/2003	ND	8	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	12	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	6	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-3	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	8/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	Well Destroyed						
OW-4	5/21/2002	ND	7.3	ND	ND	5.5	ND	ND
	2/4/2003	ND	5.2	ND	ND	6.7	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
OW-5	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	11	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-6	8/13/2004	ND	22	ND	ND	ND	ND	ND
	12/2/2004	ND	40	ND	ND	ND	ND	ND
	3/16/2011	ND	17	6	ND	5	ND	ND
	9/7/2012	ND	34	5	ND	6.4	ND	ND
OW-7	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS

Mohawk Industries
Eton, Georgia
GaiaTech Project No. 152194.300.00

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-8D	5/18/2005	ND	13	**8.5**	ND	6.5	ND	ND
	3/16/2011	ND	9	**11**	ND	**31**	ND	ND
	9/7/2012	ND	8.1	8.3	ND	17	ND	ND
	9/12/2013	ND	12.0	18.0	ND	**78**	ND	ND
OW-9	5/18/2005	ND	ND	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-10	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-11	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-12	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
	3/18/2013	ND	ND	ND	ND	ND	ND	ND
OW-13	9/12/2013	Dry						
MWW-1	5/31/2002	ND	ND	ND	ND	**32**	ND	ND
	2/4/2003	ND	ND	ND	ND	ND	ND	ND
	6/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	13	ND	ND
	12/2/2004	ND	ND	ND	ND	13	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	10	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND - Not detected above laboratory detection limits.

ATTACHMENT 3

MONITORING WELL PURGING AND SAMPLING INFORMATION

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 9/21/13

Well Information

Well Identification No:	**OW-5**	Location:	Eton, Georgia
Well Diameter:	1-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	28.00	feet
Depth to Water from TOC:	**24.71**	feet
Length of Static Water Column:	3.29	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K): **0.13** gallons/linear ft. (1 well volume) **0.39** gallons (3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	4.44	0.040	3.50	18.77	450	133
1	4.53	0.044	3.33	18.66	433	64
2						
2						
4						
5						
6						

Purged To Dryness: Purged dry after one well volume.

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-5	2-40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 9/21/13

Well Information

Well Identification No:	**OW-2**	Location:	Eton, Georgia
Well Diameter:	1-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	28.00	feet
Depth to Water from TOC:	**19.31**	feet
Length of Static Water Column:	8.69	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**0.35**	gallons/linear ft.		**1.04**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	6.33	0.196	2.28	18.71	175	410
1	6.21	0.194	2.05	18.77	176	27
2						
2						
4						
5						
6						

Purged To Dryness: Purged dry after 1 well volume.

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-2	2-40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 9/21/13

Well Information

Well Identification No:	**OW-7**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	28.00	feet
Depth to Water from TOC:	**21.49**	feet
Length of Static Water Column:	6.51	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K): **0.26** gallons/linear ft. (1 well volume) **0.78** gallons (3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	5.69	0.307	7.80	18.07	293	5.8
1	5.69	0.297	4.60	17.86	292	3.7
2						
3						
4						
5						
6						

Purged To Dryness: Purged dry after one well volume.

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-7	2 - 40 ml	HCL	Method 8260B Volatile Organics

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 9/21/13

Well Information

Well Identification No:	**OW-8D**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	48.82	feet
Depth to Water from TOC:	**36.96**	feet
Length of Static Water Column:	11.86	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**0.47**	gallons/linear ft.		**1.42**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	4.97	0.024	1.87	22.39	299	977
1	4.77	0.022	1.64	21.97	274	654
2	4.62	0.023	0.85	21.46	290	33
3	4.66	0.022	0.88	21.50	277	56
4						
5						
6						

Purged To Dryness: Purged dry after 3 well volumes.

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-8D	2 - 40 ml	HCL	Method 8260B Volatile Organics

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging & Sampling Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 9/21/13

Well Information

Well Identification No:	**OW-9**	Location:	Eton, Georgia
Well Diameter:	1-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	28.00	feet
Depth to Water from TOC:	**20.74**	feet
Length of Static Water Column:	7.26	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**0.29**	gallons/linear ft.		**0.87**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Peristaltic

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	5.51	0.348	4.49	19.14	279	182
1	6.33	0.268	2.81	19.60	257	91.4
2	6.31	0.271	2.77	19.55	245	7.9
3	6.28	0.270	2.22	19.49	234	8.9
4						
5						
6						

Purged To Dryness: Purged dry after 3 well volumes

Sample Information

Method of sampling: Straw Method

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-9	2 - 40 ml	HCL	Method 8260B Volatile Organics

Sample Transport and Preservation: Ice Filled Cooler

Sample Destination: Analytical Environmental Services, Inc. Via: Hand Delivery

Chain of Custody completed: Yes

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) | **Project No.:** 150314.421.00 | **Date:** 9/21/13

Well Information

Well Identification No:	**OW-10**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	45.00	feet
Depth to Water from TOC:	**37.55**	feet
Length of Static Water Column:	7.45	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**1.27**	gallons/linear ft.		**3.80**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	5.69	0.179	2.07	19.2	186	446
1	5.70	0.181	2.13	19.08	187	98
2	5.69	0.180	2.21	18.98	184	9.9
3						
4						
5						
6						

Purged To Dryness: Purged dry after 2 well volumes.

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-10	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: — Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) **Project No.:** 150314.421.00 **Date:** 9/21/13

Well Information

Well Identification No: **OW-11** Location: Eton, Georgia

Well Diameter: 2-Inch Well Construction: Schedule 40 PVC

Total Well Depth from TOC: 30.00 feet

Depth to Water from TOC: **20.04** feet

Length of Static Water Column: 9.96 feet

Well Observations

General Condition of Well: Good General Condition of surrounding area: Good

LNAPL observation: NA Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K = 0.04 (1-inch well)

0.17 (2-inch well)

0.571 (3-inch well)

0.652 (4-inch well)

Volume of water in well (Ht. x K): **1.69** gallons/linear ft. **5.08** gallons

(1 well volume) (3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	4.66	0.180	1.11	21.97	270	907
1	5.01	0.021	0.91	21.85	251	123
2	5.03	0.020	0.93	21.9	245	8
3	5.02	0.020	0.99	21.88	236	8.9
4						
5						
6						

Purged To Dryness:

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0213-OW-11	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) | **Project No.:** 150314.421.00 | **Date:** 9/21/13

Well Information

Well Identification No:	**OW-12**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	30.00	feet
Depth to Water from TOC:	**26.11**	feet
Length of Static Water Column:	3.89	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**0.66**	gallons/linear ft.		**1.98**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	5.56	0.356	3.47	17.5	130	165
1	5.44	0.343	3.65	17.53	131	64
2	5.41	0.345	3.17	17.51	126	8.6
3						
4						
5						
6						

Purged To Dryness: Purged dry after 2 well volumes

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-12	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: — Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

Monitoring Well Purging and Development Information

Project: Diamond Rug and Carpet Mills (Mohawk) | **Project No.:** 150314.421.00 | **Date:** 9/21/13

Well Information

Well Identification No:	**MWW-1**	Location:	Eton, Georgia
Well Diameter:	2-Inch	Well Construction:	Schedule 40 PVC

Total Well Depth from TOC:	35.00	feet
Depth to Water from TOC:	**23.77**	feet
Length of Static Water Column:	11.23	feet

Well Observations

General Condition of Well: Good — General Condition of surrounding area: Good

LNAPL observation: NA — Method of measure: NA

Volume of water in well = Height (Ht) of water in well x K

where: K =	0.04	(1-inch well)
	0.17	(2-inch well)
	0.571	(3-inch well)
	0.652	(4-inch well)

Volume of water in well (Ht. x K):	**1.91**	gallons/linear ft.		**5.73**	gallons
		(1 well volume)			(3 well volumes)

Well Purging

Purging method: Variable speed electric submersible well pump.

Well Volumes	pH	Conductivity (ms/cm)	Dissolved Oxygen	Temperature (^{0}C)	ORP	Turbidity (NTUs)
Initial Reading	5.65	0.356	6.18	18.69	274	288
1	5.97	0.348	4.49	19.14	279	182
2	6.24	0.282	2.55	19.76	261	110
3	6.20	0.285	2.45	19.70	255	44
4						
5						
6						

Purged To Dryness: Purged dry after 3 well volumes.

Sample Information

Method of sampling:

Decontamination procedures: Dedicated, one time use sampling equipment per each well per sampling event. Non-disposal sampling equipment decontaminated per applicable USEPA SESD procedures.

Sample ID	Container	Preservative	Analyses
MI-0913-OW-MWW-1	2 - 40ML	HCL	VOCs via EPA Method 8260

Sample Transport and Preservation:

Sample Destination: — Via:

Chain of Custody completed:

GaiaTech Personnel: William H. Lucas & Michael H. Wilson

ATTACHMENT 4

LABORATORY ANALYTICAL DATA REPORTS

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 20, 2013

Mike Wilson
GaiaTech, Inc.
3525 Piedmont Rd. NE
Atlanta GA 30305

TEL: (404) 812-0001
FAX: (404) 812-1992

RE: Mohawk

Dear Mike Wilson: Order No: 1309804

Analytical Environmental Services, Inc. received 11 samples on 9/13/2013 9:50:00 AM for the analyses presented in 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 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

Dorothy deBruyn
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: 1309804

Date: _____ Page 1 of 1

COMPANY: GAIATECH, INC.
ADDRESS: ATLANTA, GA
PHONE:
FAX:
SAMPLED BY: WHC / MHW
SIGNATURE:

ANALYSIS REQUESTED

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs-8260	PRESERVATION (See codes) H+I	REMARKS	No # of Containers
1	MI-0913-OW2	9/12/13	1305	X		GW	X	X		2
2	MI-0913-OW5	9/12/13	1845	X		GW	X	X		2
3	MI-0913-OW7	9/12/13	1415	X		GW	X	X		2
4	MI-0913-OW8D	9/12/13	1600	X		GW	X	X		2
5	MI-0913-OW9	9/12/13	1320	X		GW	X	X		2
6	MI-0913-OW10	9/12/13	1700	X		GW	X	X		2
7	MI-0913-OW11	9/12/13	1610	X		GW	X	X		2
8	MI-0913-OW12	9/12/13	1800	X		GW	X	X		2
9	MI-0913-OW13	—	—	X		GW	X	X	NO SAMPLE	X
10	MI-0913-MWW1	9/12/13	1430	X		GW	X	X		2
11	MI-0913-OW12(DUP)	9/12/13	1805	X		GW	X	X		2
12	TRIP BLANK	—	—	X		W	X	X		2
13										
14										

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]	9-13-13 0950	1: [signature]	9/13/13 9:50
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: MOHAWK
PROJECT #:
SITE ADDRESS: ETON, GA
SEND REPORT TO: MIKE WILSON
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers: 22

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 ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION 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 **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW2
Project Name:	Mohawk	**Collection Date:**	9/12/2013 1:05:00 PM
Lab ID:	1309804-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 16:39	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 16:39	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 16:39	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 16:39	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 16:39	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 16:39	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 16:39	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 16:39	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW2
Project Name:	Mohawk	**Collection Date:**	9/12/2013 1:05:00 PM
Lab ID:	1309804-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 16:39	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 16:39	AK
Surr: 4-Bromofluorobenzene	89.6	64.6-123		%REC	181211	1	09/18/2013 16:39	AK
Surr: Dibromofluoromethane	107	76.6-133		%REC	181211	1	09/18/2013 16:39	AK
Surr: Toluene-d8	99.9	77.8-120		%REC	181211	1	09/18/2013 16:39	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW5
Project Name:	Mohawk	**Collection Date:**	9/12/2013 6:45:00 PM
Lab ID:	1309804-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 17:07	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 17:07	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 17:07	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 17:07	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 17:07	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 17:07	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 17:07	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 17:07	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW5
Project Name:	Mohawk	**Collection Date:**	9/12/2013 6:45:00 PM
Lab ID:	1309804-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:07	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 17:07	AK
Surr: 4-Bromofluorobenzene	86.6	64.6-123		%REC	181211	1	09/18/2013 17:07	AK
Surr: Dibromofluoromethane	109	76.6-133		%REC	181211	1	09/18/2013 17:07	AK
Surr: Toluene-d8	99.2	77.8-120		%REC	181211	1	09/18/2013 17:07	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW7
Project Name:	Mohawk	**Collection Date:**	9/12/2013 2:15:00 PM
Lab ID:	1309804-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 17:35	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 17:35	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 17:35	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 17:35	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 17:35	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 17:35	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 17:35	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 17:35	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW7
Project Name:	Mohawk	**Collection Date:**	9/12/2013 2:15:00 PM
Lab ID:	1309804-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 17:35	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 17:35	AK
Surr: 4-Bromofluorobenzene	87.7	64.6-123		%REC	181211	1	09/18/2013 17:35	AK
Surr: Dibromofluoromethane	107	76.6-133		%REC	181211	1	09/18/2013 17:35	AK
Surr: Toluene-d8	100	77.8-120		%REC	181211	1	09/18/2013 17:35	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW8D
Project Name:	Mohawk	**Collection Date:**	9/12/2013 4:00:00 PM
Lab ID:	1309804-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,1-Dichloroethane	12	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,1-Dichloroethene	18	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 18:04	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 18:04	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 18:04	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 18:04	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 18:04	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 18:04	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 18:04	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 18:04	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW8D
Project Name:	Mohawk	**Collection Date:**	9/12/2013 4:00:00 PM
Lab ID:	1309804-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Tetrachloroethene	78	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:04	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 18:04	AK
Surr: 4-Bromofluorobenzene	88.4	64.6-123		%REC	181211	1	09/18/2013 18:04	AK
Surr: Dibromofluoromethane	108	76.6-133		%REC	181211	1	09/18/2013 18:04	AK
Surr: Toluene-d8	109	77.8-120		%REC	181211	1	09/18/2013 18:04	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW9
Project Name:	Mohawk	**Collection Date:**	9/12/2013 1:20:00 PM
Lab ID:	1309804-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 18:32	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 18:32	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 18:32	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 18:32	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 18:32	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 18:32	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 18:32	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 18:32	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW9
Project Name:	Mohawk	**Collection Date:**	9/12/2013 1:20:00 PM
Lab ID:	1309804-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 18:32	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 18:32	AK
Surr: 4-Bromofluorobenzene	85.8	64.6-123		%REC	181211	1	09/18/2013 18:32	AK
Surr: Dibromofluoromethane	112	76.6-133		%REC	181211	1	09/18/2013 18:32	AK
Surr: Toluene-d8	104	77.8-120		%REC	181211	1	09/18/2013 18:32	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW10
Project Name:	Mohawk	**Collection Date:**	9/12/2013 12:00:00 PM
Lab ID:	1309804-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 19:00	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 19:00	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 19:00	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 19:00	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 19:00	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 19:00	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 19:00	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 19:00	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW10
Project Name:	Mohawk	**Collection Date:**	9/12/2013 12:00:00 PM
Lab ID:	1309804-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:00	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 19:00	AK
Surr: 4-Bromofluorobenzene	86.6	64.6-123		%REC	181211	1	09/18/2013 19:00	AK
Surr: Dibromofluoromethane	107	76.6-133		%REC	181211	1	09/18/2013 19:00	AK
Surr: Toluene-d8	102	77.8-120		%REC	181211	1	09/18/2013 19:00	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW11
Project Name:	Mohawk	**Collection Date:**	9/12/2013 4:10:00 PM
Lab ID:	1309804-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 19:28	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 19:28	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 19:28	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 19:28	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 19:28	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 19:28	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 19:28	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 19:28	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW11
Project Name:	Mohawk	**Collection Date:**	9/12/2013 4:10:00 PM
Lab ID:	1309804-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:28	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 19:28	AK
Surr: 4-Bromofluorobenzene	85.9	64.6-123		%REC	181211	1	09/18/2013 19:28	AK
Surr: Dibromofluoromethane	110	76.6-133		%REC	181211	1	09/18/2013 19:28	AK
Surr: Toluene-d8	103	77.8-120		%REC	181211	1	09/18/2013 19:28	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW12
Project Name:	Mohawk	**Collection Date:**	9/12/2013 6:00:00 PM
Lab ID:	1309804-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 19:56	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 19:56	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 19:56	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 19:56	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 19:56	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 19:56	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 19:56	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 19:56	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-OW12
Project Name:	Mohawk	**Collection Date:**	9/12/2013 6:00:00 PM
Lab ID:	1309804-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5030B)								
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 19:56	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 19:56	AK
Surr: 4-Bromofluorobenzene	86.3	64.6-123		%REC	181211	1	09/18/2013 19:56	AK
Surr: Dibromofluoromethane	107	76.6-133		%REC	181211	1	09/18/2013 19:56	AK
Surr: Toluene-d8	102	77.8-120		%REC	181211	1	09/18/2013 19:56	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-MWW1
Project Name:	Mohawk	**Collection Date:**	9/12/2013 2:30:00 PM
Lab ID:	1309804-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 20:24	AK
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 20:24	AK
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 20:24	AK
Acetone	BRL	50		ug/L	181211	1	09/18/2013 20:24	AK
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 20:24	AK
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 20:24	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 20:24	AK
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 20:24	AK
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-MWW1
Project Name:	Mohawk	**Collection Date:**	9/12/2013 2:30:00 PM
Lab ID:	1309804-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 20:24	AK
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 20:24	AK
Surr: 4-Bromofluorobenzene	85.8	64.6-123		%REC	181211	1	09/18/2013 20:24	AK
Surr: Dibromofluoromethane	109	76.6-133		%REC	181211	1	09/18/2013 20:24	AK
Surr: Toluene-d8	103	77.8-120		%REC	181211	1	09/18/2013 20:24	AK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-0W12(DUP)
Project Name:	Mohawk	**Collection Date:**	9/12/2013 6:05:00 PM
Lab ID:	1309804-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
2-Butanone	BRL	50		ug/L	181211	1	09/19/2013 00:23	AR
2-Hexanone	BRL	10		ug/L	181211	1	09/19/2013 00:23	AR
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/19/2013 00:23	AR
Acetone	BRL	50		ug/L	181211	1	09/19/2013 00:23	AR
Benzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Bromoform	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Bromomethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Chloroethane	BRL	10		ug/L	181211	1	09/19/2013 00:23	AR
Chloroform	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Chloromethane	BRL	10		ug/L	181211	1	09/19/2013 00:23	AR
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Cyclohexane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/19/2013 00:23	AR
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Freon-113	BRL	10		ug/L	181211	1	09/19/2013 00:23	AR
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Methyl acetate	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Methylene chloride	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
o-Xylene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0913-0W12(DUP)
Project Name:	Mohawk	**Collection Date:**	9/12/2013 6:05:00 PM
Lab ID:	1309804-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Toluene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Trichloroethene	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/19/2013 00:23	AR
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/19/2013 00:23	AR
Surr: 4-Bromofluorobenzene	94.8	64.6-123		%REC	181211	1	09/19/2013 00:23	AR
Surr: Dibromofluoromethane	105	76.6-133		%REC	181211	1	09/19/2013 00:23	AR
Surr: Toluene-d8	101	77.8-120		%REC	181211	1	09/19/2013 00:23	AR

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Mohawk	**Collection Date:**	9/12/2013
Lab ID:	1309804-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,1,2-Trichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,1-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,1-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,2-Dibromoethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,2-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,2-Dichloroethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,2-Dichloropropane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,3-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
1,4-Dichlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
2-Butanone	BRL	50		ug/L	181211	1	09/18/2013 23:55	AR
2-Hexanone	BRL	10		ug/L	181211	1	09/18/2013 23:55	AR
4-Methyl-2-pentanone	BRL	10		ug/L	181211	1	09/18/2013 23:55	AR
Acetone	BRL	50		ug/L	181211	1	09/18/2013 23:55	AR
Benzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Bromodichloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Bromoform	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Bromomethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Carbon disulfide	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Carbon tetrachloride	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Chlorobenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Chloroethane	BRL	10		ug/L	181211	1	09/18/2013 23:55	AR
Chloroform	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Chloromethane	BRL	10		ug/L	181211	1	09/18/2013 23:55	AR
cis-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
cis-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Cyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Dibromochloromethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Dichlorodifluoromethane	BRL	10		ug/L	181211	1	09/18/2013 23:55	AR
Ethylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Freon-113	BRL	10		ug/L	181211	1	09/18/2013 23:55	AR
Isopropylbenzene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
m,p-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Methyl acetate	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Methyl tert-butyl ether	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Methylcyclohexane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Methylene chloride	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
o-Xylene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Sep-13

Client:	GaiaTech, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Mohawk	**Collection Date:**	9/12/2013
Lab ID:	1309804-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Tetrachloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Toluene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
trans-1,2-Dichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
trans-1,3-Dichloropropene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Trichloroethene	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Trichlorofluoromethane	BRL	5.0		ug/L	181211	1	09/18/2013 23:55	AR
Vinyl chloride	BRL	2.0		ug/L	181211	1	09/18/2013 23:55	AR
Surr: 4-Bromofluorobenzene	95.5	64.6-123		%REC	181211	1	09/18/2013 23:55	AR
Surr: Dibromofluoromethane	106	76.6-133		%REC	181211	1	09/18/2013 23:55	AR
Surr: Toluene-d8	105	77.8-120		%REC	181211	1	09/18/2013 23:55	AR

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client GAIA Work Order Number 1309804

Checklist completed by Tam B 9/13/13
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 3.1 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.

\I\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: GaiaTech, Inc.
Project Name: Mohawk
Workorder: 1309804

ANALYTICAL QC SUMMARY REPORT

BatchID: 181211

Sample ID: **MB-181211** Client ID: Units: **ug/L** Prep Date: **09/17/2013** Run No: **252099**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **181211** Analysis Date: **09/17/2013** Seq No: **5291571**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk
Workorder: 1309804

ANALYTICAL QC SUMMARY REPORT

BatchID: 181211

Sample ID: **MB-181211** Client ID: Units: **ug/L** Prep Date: **09/17/2013** Run No: **252099**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **181211** Analysis Date: **09/17/2013** Seq No: **5291571**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	41.86	0	50.00		83.7	64.6	123				
Surr: Dibromofluoromethane	55.55	0	50.00		111	76.6	133				
Surr: Toluene-d8	53.80	0	50.00		108	77.8	120				

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk
Workorder: 1309804

ANALYTICAL QC SUMMARY REPORT

BatchID: 181211

Sample ID: **LCS-181211** Client ID: Units: **ug/L** Prep Date: **09/17/2013** Run No: **252099**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **181211** Analysis Date: **09/17/2013** Seq No: **5291572**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.06	5.0	50.00		106	61.1	142				
Benzene	49.64	5.0	50.00		99.3	73.5	130				
Chlorobenzene	58.24	5.0	50.00		116	72.4	123				
Toluene	53.64	5.0	50.00		107	73.6	130				
Trichloroethene	53.23	5.0	50.00		106	70	135				
Surr: 4-Bromofluorobenzene	52.20	0	50.00		104	64.6	123				
Surr: Dibromofluoromethane	58.89	0	50.00		118	76.6	133				
Surr: Toluene-d8	53.74	0	50.00		107	77.8	120				

Sample ID: **1309351-003AMS** Client ID: Units: **ug/L** Prep Date: **09/17/2013** Run No: **252099**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **181211** Analysis Date: **09/17/2013** Seq No: **5291583**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1016	100	1000		102	60	168				
Benzene	1107	100	1000	121.4	98.6	66.6	148				
Chlorobenzene	1159	100	1000		116	71.9	135				
Toluene	1002	100	1000		100	68	149				
Trichloroethene	1089	100	1000		109	71.1	154				
Surr: 4-Bromofluorobenzene	1017	0	1000		102	64.6	123				
Surr: Dibromofluoromethane	1129	0	1000		113	76.6	133				
Surr: Toluene-d8	1006	0	1000		101	77.8	120				

Sample ID: **1309351-003AMSD** Client ID: Units: **ug/L** Prep Date: **09/17/2013** Run No: **252099**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **181211** Analysis Date: **09/17/2013** Seq No: **5291584**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	985.2	100	1000		98.5	60	168	1016	3.08	18.6	
Benzene	1051	100	1000	121.4	92.9	66.6	148	1107	5.23	20	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk
Workorder: 1309804

ANALYTICAL QC SUMMARY REPORT

BatchID: 181211

Sample ID: **1309351-003AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **09/17/2013** Run No: **252099**
BatchID: **181211** Analysis Date: **09/17/2013** Seq No: **5291584**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	1126	100	1000		113	71.9	135	1159	2.84	20	
Toluene	971.8	100	1000		97.2	68	149	1002	3.08	20	
Trichloroethene	1056	100	1000		106	71.1	154	1089	3.02	20	
Surr: 4-Bromofluorobenzene	1013	0	1000		101	64.6	123	1017	0	0	
Surr: Dibromofluoromethane	1121	0	1000		112	76.6	133	1129	0	0	
Surr: Toluene-d8	986.4	0	1000		98.6	77.8	120	1006	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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		

ATTACHMENT 5

PROFESSIONAL CERTIFICATIONAND SUMMARY OF HOURS

PROFESSIONAL CERTIFICATION AND SUMMARY OF HOURS

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

David S. Buchalter, P.E.
Georgia Professional Engineer

MONTHLY SUMMARY AND DESCRIPTION OF PROFESSIONAL GEOLOGIST HOURS

Quantity	Units	Time Period + Description of Activities	Hours		
					Subtotal
		September 12 to October 12, 2013			
		Review of Field Activities and Semi-Annual Progress Report			
2.00	Hours	Sr. Project Manager (David S. Buchalter, P.E.)			2.00

PG MONTHLY HOURS TOTAL => 2.00

Confidential

March 5, 2014

Mr. Derrick Williams
Georgia Environmental Protection Division
2 Martin Luther King, Jr. Dr. SE
Suite 1462 East Tower
Atlanta, GA 30334

RE: 4th Semi-Annual Progress Report, Diamond Rug and Carpet Mills, Eton, Murray County, Georgia; HSI#10534

Dear Mr. Williams:

GaiaTech Incorporated (**GAIATECH**) is submitting this progress report to update the status of the former Diamond Rug and Carpet Mills facility (currently operating as Mohawk Industries and hereinafter referred to as the "Site") located in Eton, Murray County, Georgia. This update details the findings of the last semi-annual sampling event, updates the Conceptual Site Model (CSM) for the Site, and provides conclusions and recommendations as detailed in subsequent sections.

INTRODUCTION AND BACKGROUND

The subject property is located at 4140 North Highway 411 just north of the city limit in Murray County, Georgia. The Site is currently used for manufacturing carpet and is presently owned by the Aladdin Manufacturing Division of Mohawk Industries, Inc. (Mohawk).

The property is located within an industrial area on the north side of Eton Georgia. It is bounded on the north by a small tufting operation and undeveloped land, to the east by CSX railroad line that is bounded further to the east by other industrial facilities, to the south by Beaulieau Industries and to the west of US Highway 411 by Superior Carpets.

CURRENT REGULATORY STATUS

The Site was listed on the Georgia Hazardous Site Inventory (HSI) for a release of tetrachloroethene (PCE) in groundwater at a concentration exceeding a reportable quantity on April 9, 1999. The Site was designated as a Class II Site with HSI No. 10534. Since then, numerous Site investigation and reporting activities have been conducted by others to further characterize the release.

GaiaTech, Inc. (GaiaTech) was retained by Mohawk to respond to a November 9, 2010 Notice of Deficiency (NOD) letter from the Georgia Environmental Protection Division (GEPD) regarding an Interim Remedial Status Report prepared by Conestoga Rovers in June of 2005.

In the letter, the GEPD required additional clarification to the June 2005 report, as well as additional sampling to define and characterize the extent of impact of various regulated substances in soil and groundwater.

GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by the preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Response Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum schedule requirements, for assessment and reporting milestones. The following details completed VIRP milestone date, which are as follows:

- **Semi-Annual Progress Reports** – October 12 and April 12 through October 12, 2016. A total of three (3) Semi-Annual Progress Reports have been Submitted to date: October 12, 2012; April 12, 2013; and October 12, 2013. This brief letter update constitutes the 4th Semiannual Progress Report update.

- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval). Horizontal delineation was completed as of the 2nd Semiannual Progress Report Submission in April 2013 via the installation and sampling of four (4) additional horizontal groundwater delineation wells (OW-10 to OW-13) and the sampling and analysis of existing shallow monitoring wells (OW-9 and OW-7). The horizontal extent of impact was again assessed as part of the 3rd Semiannual Progress Report and, likewise, verified complete horizontal delineation with periphery plume monitoring locations reporting concentrations of Volatile Organic Compounds (VOCs) below the laboratory reporting limits. The data from the 2nd and 3rd semiannual reporting events indicated that the plume was stable and isolated to the Site.

- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval). As indicated above, the horizontal extent of impact was delineated on the subject Site with no indications of off-site migration. Thus, the milestone of horizontal delineation on all impacted properties has been met.

The following VIRP Milestone items remain to be addressed:

- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval). As previously indicated, Mohawk has completed horizontal delineation actives. In addition, analytical testing data from the last sampling event in September 2013 indicated that the plume remains stable with concentrations below applicable Risk Reduction Standard (RRS)

criteria and therefore a Remedial Plan does not appear to apply to the Site. As such, the only milestone item remaining for the October 12, 2014 milestone is vertical delineation of the groundwater plume.

- **Submission of Compliance Status Report** – April 12, 2017.

VERTICAL DELINEATION ACTIVITIES

Currently, Mohawk is in the process of assessing various options for completing the vertical delineation of the groundwater plume for addressing the October 12, 2014. These options may include:

- Re-development of Monitoring Well OW-8D: Based upon field observations, monitoring well OW-8D appears to be a double cased well with a 2-inch diameter outer casing and a 1-inch diameter inner casing installed to a total depth of approximately 49 feet below ground surface (bgs). Well construction information is not available to ascertain additional construction information. Currently, OW-8D is the deepest evaluative point.

  Monitoring well OW-8D, sampled to evaluate the vertical extent of impact, contained concentrations of 1,1-Dichloroethane (12 μg/L), 1,1-Dichloroethene (18 μg/L), and Tetrachloroethene (78 μg/L) in excess of the laboratory detection limit during the most recent sampling event in September 2013. All other concentrations of VOCs were reported below the laboratory detection limits. Historical data trends for OW-8D suggest an increasing concentration trend.

  Prior to the installation of a new Type 3 double-cased well, the re-development and sampling of OW-8D is being contemplated as a preliminary measure to determine if the removal of a significant volume of water from the sand pack and surrounding formation may positively affect the groundwater concentrations.

- Installation of a Type 3, Double-Cased Monitoring Well: Should analytical testing results of the re-development and re-sampling of OW-8D yield unfavorable results and suggest that a deeper monitoring location is warranted; then a Type 3, double-cased monitoring well would be installed and sampled to achieve the vertical delineation of the groundwater plume. The typical construction of a Type 3 monitoring well would involve drilling to the top of competent bedrock and keying an initial conductor casing into the bedrock formation via rock drilling techniques. Upon attaining a depth several feet into competent bedrock, an outer conductor casing would be installed and grouted into the bedrock to seal off the upper shallow groundwater-bearing zone. After allowing the grout to cure a minimum of 24-hours, all accumulated fluids from within the conductor casing would be removed via pumping and containerized.
  Drilling would then be resumed from within the conductor using a smaller diameter

rock drilling technique and the bore hole advanced until a water bearing fracture is encountered. The well would then be completed by setting an inner casing screen to intercept the water bearing fracture and riser to the surface, followed by the installation of a filter pack, bentonite seal, and grout to the surface. The technique is designed to isolate the shallow groundwater impacts from deeper water bearing zone.

Once vertical delineation is achieved, Mohawk will likely submit a CSR in lieu of the subsequent Semi-annual Progress Report. Please do not hesitate to contact any of the undersigned if you have any questions or need additional information.

Sincerely,
GAIATECH INCORPORATED

Michael H. Wilson
Sr. Project Manager, Site Investigation & Remediation
(404) 809-3884 – Direct Dial

Technical Review and Concurrence by:

William H. Lucas, III
Director, Site Investigation & Remediation
(404) 809-3875 – Direct Dial

October 1, 2014

Mr. Derrick Williams
Georgia Environmental Protection Division
2 Martin Luther King, Jr. Dr. SE
Suite 1462 East Tower
Atlanta, GA 30334

RE: 5th Semi-Annual Progress Report
Diamond Rug and Carpet Mills, Eton, Murray County, Georgia
HSI #10534
RPS GaiaTech Project No. 154742.421.00

Dear Mr. Williams:

GaiaTech Inc. DBA RPS GaiaTech (RPS GaiaTech) is submitting this progress report to update the status of the former Diamond Rug and Carpet Mills facility (currently operating as Mohawk Industries and hereinafter referred to as the "Site") located in Eton, Murray County, Georgia. This update details activity since the last semi-annual update the Conceptual Site Model (CSM) for the Site, and provides conclusions and recommendations as detailed in subsequent sections.

CURRENT REGULATORY STATUS

The Site was listed on the Georgia Hazardous Site Inventory (HSI) for a release of tetrachloroethene (PCE) in groundwater at a concentration exceeding a reportable quantity on April 9, 1999. The Site was designated as a Class II Site with HSI No. 10534. Since then, numerous Site investigation and reporting activities have been conducted by others to further characterize the release.

RPS GaiaTech was retained by Mohawk to respond to a November 9, 2010 Notice of Deficiency (NOD) letter from the Georgia Environmental Protection Division (GEPD) regarding an Interim Remedial Status Report prepared by Conestoga Rovers in June of 2005. In the letter, the GEPD required additional clarification to the June 2005 report, as well as additional sampling to define and characterize the extent of impact of various regulated substances in soil and groundwater.

RPS GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by the preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Response Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum

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schedule requirements, for assessment and reporting milestones. The following details completed VIRP milestone date, which are as follows:

- **Semi-Annual Progress Reports** - October 12 and April 12 through October 12, 2016. A total of three (3) Semi-Annual Progress Reports have been submitted to date including: October 12, 2012; April 12, 2013; and October 12, 2013 progress reports. This brief letter update constitutes the 4th Semiannual Progress Report update.

- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval). Horizontal delineation was completed as of the 2nd Semi-Annual Progress Report Submission in April 2013 via the installation and sampling of four (4) additional horizontal groundwater delineation wells (OW-10 to OW-13) and the sampling and analysis of existing shallow monitoring wells (OW-9 and OW-7). The horizontal extent of impact was again assessed as part of the 3rd Semi-Annual Progress Report and, likewise, verified complete horizontal delineation with periphery plume monitoring locations with concentrations of Volatile Organic Compounds (VOCs) below the laboratory reporting limits. The data from the 2nd and 3rd semi-annual reporting events indicated that the plume was stable and isolated to the Site.

- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval). As indicated above, the horizontal extent of impact was delineated on the subject Site with no indications of off-site migration. Thus, the milestone of horizontal delineation on all impacted properties has been met.

- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval). As previously indicated, Mohawk has completed horizontal delineation actives. In addition, analytical testing data from the last sampling event in September 2013 indicated that the plume remains stable with concentrations below applicable Risk Reduction Standard (RRS) criteria and therefore a Remedial Plan does not appear to apply to the Site. Vertical delineation was achieved on August 7, 2014 via the installation and sampling of deep well DW-1.

The vertical delineation of the groundwater plume via the installation and sampling of deep monitoring well DW-1 completes the delineation of the groundwater plume. A Site Location Map and Site Layout Map depicting the location of DW-1 are included as **Figure 1** and **2** in **Attachment 1**. An updated analytical data table with a summary of analytical testing data for DW-1 and other well is included as **Attachment 2**. Laboratory analytical data reports are included as **Attachment 3**, and a well construction diagram for DW-1 is included as **Attachment 4.**

The following VIRP Milestone items remain to be addressed:

- **Submission of Compliance Status Report** - April 12, 2017.

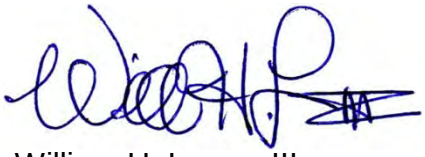
In a meeting with Mohawk, RPS GaiaTech, and the Georgia EPD on September 16, 2014, GEPD agreed to the submission of an Environmental Covenant mechanism and a Compliance Status Report (CSR). Mohawk intends to complete these activities and submit the documents in lieu of the next semi-annual update in April 2015.

Please do not hesitate to contact either of the undersigned if you have any questions or require additional documentation.

Sincerely,
RPS GAIATECH

Michael H. Wilson
Sr. Project Manager, Site Investigation & Remediation
(404) 809-3884 – Direct Dial

Technical Review and Concurrence by:



William H. Lucas, III
Director, Site Investigation & Remediation
(404) 809-3875 – Direct Dial

cc: Denise Wood, Mohawk

Attachments

Attachment 1 - Maps
Figure 1 - Site Layout and Deep Well Location Map

Attachment 2 - Tables
Table 1 - Groundwater Analytical Testing Data Summary Table

Attachment 3 - Deep Well Construction Diagram

Attachment 4 - Laboratory Analytical Data Reports

ATTACHMENT 1

SITE LAYOUT AND DEEP WELL LOCATION MAP

Scale 1: 24 000
Contour Interval 10 Feet

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

Quadrangle Location

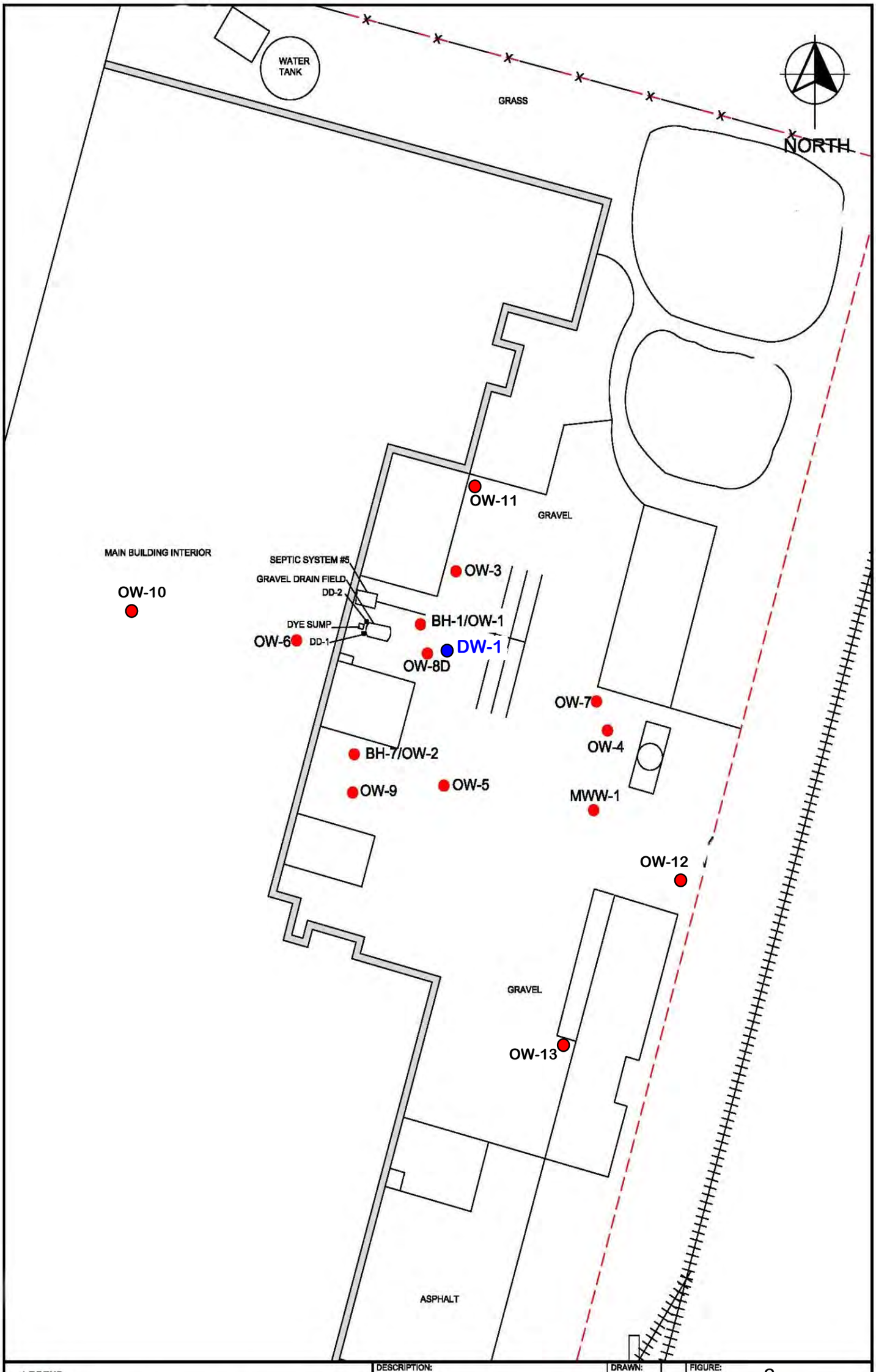
UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
CHATWORTH QUADRANGLE
GEORGIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
1972
PHOTOREVISED 1985

Mohawk Industries, Inc.
Eton, Georgia
Project No. 150314.300.00

Figure 1

Site Location and Topographic Map

RPS GaiaTech



LEGEND

● GROUNDWATER MONITORING WELL

DESCRIPTION:

SITE LAYOUT MAP

MOHAWK INDUSTRIES, INC.
ETON. MURRAY COUNTY, GEORGIA

DRAWN: MHW

SCALE: 1"=50' (APPROX)

DATE: 8/7/14

FILE:

FIGURE: 2

RPS GaiaTech

ATTACHMENT 2

ANALYTICAL TESTING DATA SUMMARY TABLE

TABLE
GROUNDWATER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS

Mohawk Industries
Eton, Georgia

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-1	5/21/2002	ND	7.7	**13**	ND	**96**	ND	ND
	2/4/2003	ND	ND	ND	5.8	**66**	ND	ND
	6/25/2003	ND	6.5	ND	ND	**73**	ND	ND
	11/21/2003	ND	ND	ND	5.4	6.3	ND	ND
	3/4/2004	ND	ND	ND	14	17	ND	ND
	8/13/2004	ND	ND	ND	ND	73	ND	ND
	1/28/2005	ND	ND	ND	7.6	7.8	ND	ND
	9/7/2012	Well Damaged - Obstruction at 19.5 ft.						
OW-2	5/21/2002	ND	19	**14**	ND	**29**	ND	ND
	2/4/2003	ND	13	ND	ND	ND	ND	ND
	6/25/2003	ND	8	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	12	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	6	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-3	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	8/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	Well Destroyed						
OW-4	5/21/2002	ND	7.3	ND	ND	5.5	ND	ND
	2/4/2003	ND	5.2	ND	ND	6.7	ND	ND
	8/13/2004	ND	ND	ND	ND	ND	ND	ND
OW-5	5/21/2002	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	11	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-6	8/13/2004	ND	22	ND	ND	ND	ND	ND
	12/2/2004	ND	40	ND	ND	ND	ND	ND
	3/16/2011	ND	17	6	ND	5	ND	ND
	9/7/2012	ND	34	5	ND	6.4	ND	ND
OW-7	8/13/2004	ND	ND	ND	ND	ND	ND	ND
	12/2/2004	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND

TABLE
GROUNDWATER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS

Mohawk Industries
Eton, Georgia

Sample Location	Date Collected	Concentration, ug/l						
		1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride
OW-8D	5/18/2005	ND	13	**8.5**	ND	6.5	ND	ND
	3/16/2011	ND	9	**11**	ND	**31**	ND	ND
	9/7/2012	ND	8.1	8.3	ND	17	ND	ND
	9/12/2013	ND	12.0	18.0	ND	**78**	ND	ND
OW-9	5/18/2005	ND	ND	ND	ND	ND	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	ND	ND	ND
	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-10	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-11	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
OW-12	2/25/2013	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
	3/18/2013	ND	ND	ND	ND	ND	ND	ND
OW-13	9/12/2013	Dry						
MWW-1	5/31/2002	ND	ND	ND	ND	**32**	ND	ND
	2/4/2003	ND	ND	ND	ND	ND	ND	ND
	6/25/2003	ND	ND	ND	ND	ND	ND	ND
	11/21/2003	ND	ND	ND	ND	ND	ND	ND
	3/4/2004	ND	ND	ND	ND	ND	ND	ND
	8/13/2004	ND	ND	ND	ND	13	ND	ND
	12/2/2004	ND	ND	ND	ND	13	ND	ND
	3/16/2011	ND	ND	ND	ND	ND	ND	ND
	9/7/2012	ND	ND	ND	ND	10	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND
DW-1	8/7/2014	ND	16	ND	ND	ND	ND	ND

NOTES:
ND - Not detected above laboratory detection limits.

ATTACHMENT 3

WELL CONSTRUCTION DIAGRAM

RPS GaiaTech
Environmental Risk. Managed.

GAIATECH WELL LOG - DW-1

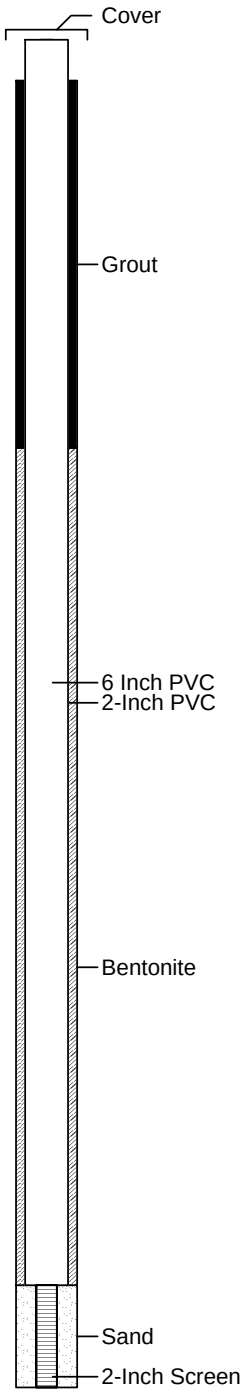
(PAGE 1 TO 1)

Mohawk Industries Facility
Eton, Murray County, Georgia

FUNCTION INFORMATION			
Date/Time Started	: 8/5/2014	Logged By	: William H. Lucas
Date/Time Completed	: 8/7/2014	Drilling Method	: Mud/Air Rotary
Total Depth of Boring	: 66 ft bgs	Hole Diameter	: 6 inch / 4 inch
Total Depth of Well	: 66 ft bgs	Drilling Company	: GeoLab
		Sampling Method	: Soil Cuttings

Depth In	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					ML		Asphalt surface followed by reddish-orange CLAYEY SILT.
50							Competent bedrock encountered.
54							Grey, hard, competent rock from 49 to 54 ft. Void - loss of drilling fluids from 54 to 57 ft.
58							Competent rock from 57 to 61 ft. Water bearing fracture at 64 ft. Set outer casing at 61 ft. and grouted. After a minimum of 24 hrs, drilled to a total depth of 66 ft. Set inner 2 inch casing to 66 ft. with 5 ft. of screen.
66							Drilling utilizing mud rotary for 6 inch outer casing. Air rotary utilized for inner casing.

Well: DW-1
Elev.:



ATTACHMENT 4

LABORATORY ANALYTICAL DATA REPORTS

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 13, 2014

Mike Wilson
GaiaTech, Inc.
3525 Piedmont Rd. NE
Atlanta GA 30305

TEL: (404) 812-0001
FAX: (404) 812-1992

RE: Mohawk Industries

Dear Mike Wilson: Order No: 1408650

Analytical Environmental Services, Inc. received 2 samples on 8/8/2014 8:08:00 AM for the analyses presented in 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 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

Dorothy deBruyn
Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1408650

Date: 8-8-14 Page 1 of 1

COMPANY: RPS-GaiaTech

ADDRESS: 3525 Piedmont Rd NE suite 520, Bld. 6 Atlanta, GA 30305

PHONE: 404/809-3884

FAX: 404/812-1992

SAMPLED BY: Michael Wilson

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs	TCLP-VOCs	No # of Containers	REMARKS
1	MI-0814-DW1	8-7	1830	✓		GW	✓		2	
2										
3	MI-0814-WC	8-7	1700		✓	O		✓	1	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

ANALYSIS REQUESTED

PRESERVATION (See codes)

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:	8-8-14 0808	1: Lataya R 8/8/14 8:08pm	
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

O = Drilling Mud

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Mohawk Industries

PROJECT #: 154742.421.00

SITE ADDRESS: Eton, GA

SEND REPORT TO: Michael Wilson

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#: 154742

RECEIPT

Total # of Containers: 3

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 ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION 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

Date: 13-Aug-14

Client: GaiaTech, Inc.
Project: Mohawk Industries
Lab ID: 1408650

Case Narrative

Analysis TAT changed to 3 day for the GW sample. TCLP Volatiles is standard tat, per Mike Wilson via email on 8/8/14.

Analytical Environmental Services, Inc **Date:** 13-Aug-14

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0814-DW1
Project Name:	Mohawk Industries	**Collection Date:**	8/7/2014 6:30:00 PM
Lab ID:	1408650-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,1-Dichloroethane	16	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,1-Dichloroethene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,2-Dibromoethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,2-Dichloroethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,2-Dichloropropane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
2-Butanone	BRL	50		ug/L	194727	1	08/09/2014 23:15	GK
2-Hexanone	BRL	10		ug/L	194727	1	08/09/2014 23:15	GK
4-Methyl-2-pentanone	BRL	10		ug/L	194727	1	08/09/2014 23:15	GK
Acetone	BRL	50		ug/L	194727	1	08/09/2014 23:15	GK
Benzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Bromodichloromethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Bromoform	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Bromomethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Carbon disulfide	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Carbon tetrachloride	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Chlorobenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Chloroethane	BRL	10		ug/L	194727	1	08/09/2014 23:15	GK
Chloroform	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Chloromethane	BRL	10		ug/L	194727	1	08/09/2014 23:15	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Cyclohexane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Dibromochloromethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Dichlorodifluoromethane	BRL	10		ug/L	194727	1	08/09/2014 23:15	GK
Ethylbenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Freon-113	BRL	10		ug/L	194727	1	08/09/2014 23:15	GK
Isopropylbenzene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
m,p-Xylene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Methyl acetate	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Methylcyclohexane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Methylene chloride	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
o-Xylene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK

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
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 13-Aug-14

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0814-DW1
Project Name:	Mohawk Industries	**Collection Date:**	8/7/2014 6:30:00 PM
Lab ID:	1408650-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Tetrachloroethene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Toluene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Trichloroethene	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Trichlorofluoromethane	BRL	5.0		ug/L	194727	1	08/09/2014 23:15	GK
Vinyl chloride	BRL	2.0		ug/L	194727	1	08/09/2014 23:15	GK
Surr: 4-Bromofluorobenzene	90.6	66.2-120		%REC	194727	1	08/09/2014 23:15	GK
Surr: Dibromofluoromethane	102	79.5-121		%REC	194727	1	08/09/2014 23:15	GK
Surr: Toluene-d8	105	77-117		%REC	194727	1	08/09/2014 23:15	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 13-Aug-14

Client:	GaiaTech, Inc.	**Client Sample ID:**	MI-0814-WC
Project Name:	Mohawk Industries	**Collection Date:**	8/7/2014 5:00:00 PM
Lab ID:	1408650-002	**Matrix:**	Solid

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILES, TCLP SW1311/8260B				**(SW1311)**				
1,1-Dichloroethene	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
1,2-Dichloroethane	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
2-Butanone	BRL	0.20		mg/L	194839	20	08/13/2014 03:40	GK
Benzene	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
Carbon tetrachloride	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
Chlorobenzene	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
Chloroform	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
Tetrachloroethene	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
Trichloroethene	BRL	0.10		mg/L	194839	20	08/13/2014 03:40	GK
Vinyl chloride	BRL	0.040		mg/L	194839	20	08/13/2014 03:40	GK
Surr: 4-Bromofluorobenzene	98.7	67.9-128		%REC	194839	20	08/13/2014 03:40	GK
Surr: Dibromofluoromethane	99.3	77.2-124		%REC	194839	20	08/13/2014 03:40	GK
Surr: Toluene-d8	100	71.6-127		%REC	194839	20	08/13/2014 03:40	GK

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	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Gaia Tech Work Order Number 1408650

Checklist completed by [signature] 8/8/14
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 3.3 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194727

Sample ID: **MB-194727** Client ID: Units: **ug/L** Prep Date: **08/09/2014** Run No: **273393**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **194727** Analysis Date: **08/09/2014** Seq No: **5769157**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194727

Sample ID: **MB-194727** Client ID: Units: **ug/L** Prep Date: **08/09/2014** Run No: **273393**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **194727** Analysis Date: **08/09/2014** Seq No: **5769157**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	44.55	0	50.00		89.1	66.2	120				
Surr: Dibromofluoromethane	50.45	0	50.00		101	79.5	121				
Surr: Toluene-d8	51.92	0	50.00		104	77	117				

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194727

Sample ID: **LCS-194727** Client ID: Units: **ug/L** Prep Date: **08/09/2014** Run No: **273393**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **194727** Analysis Date: **08/09/2014** Seq No: **5769155**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.38	5.0	50.00		115	63.1	140				
Benzene	52.32	5.0	50.00		105	74.2	129				
Chlorobenzene	53.36	5.0	50.00		107	70	129				
Toluene	55.42	5.0	50.00		111	74.2	129				
Trichloroethene	54.63	5.0	50.00		109	71.2	135				
Surr: 4-Bromofluorobenzene	46.03	0	50.00		92.1	66.2	120				
Surr: Dibromofluoromethane	50.12	0	50.00		100	79.5	121				
Surr: Toluene-d8	50.73	0	50.00		101	77	117				

Sample ID: **1408656-001AMS** Client ID: Units: **ug/L** Prep Date: **08/09/2014** Run No: **273393**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **194727** Analysis Date: **08/09/2014** Seq No: **5769180**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.80	5.0	50.00		114	60.2	159				
Benzene	53.15	5.0	50.00		106	70.2	138				
Chlorobenzene	53.58	5.0	50.00		107	70.1	133				
Toluene	56.39	5.0	50.00		113	70	139				
Trichloroethene	55.70	5.0	50.00		111	70.1	144				
Surr: 4-Bromofluorobenzene	46.19	0	50.00		92.4	66.2	120				
Surr: Dibromofluoromethane	49.19	0	50.00		98.4	79.5	121				
Surr: Toluene-d8	51.92	0	50.00		104	77	117				

Sample ID: **1408656-001AMSD** Client ID: Units: **ug/L** Prep Date: **08/09/2014** Run No: **273393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **194727** Analysis Date: **08/09/2014** Seq No: **5769182**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.47	5.0	50.00		111	60.2	159	56.80	2.37	19.2	
Benzene	52.18	5.0	50.00		104	70.2	138	53.15	1.84	20	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194727

Sample ID: **1408656-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **08/09/2014** Run No: **273393**
BatchID: **194727** Analysis Date: **08/09/2014** Seq No: **5769182**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	52.04	5.0	50.00		104	70.1	133	53.58	2.92	20	
Toluene	55.28	5.0	50.00		111	70	139	56.39	1.99	20	
Trichloroethene	54.39	5.0	50.00		109	70.1	144	55.70	2.38	20	
Surr: 4-Bromofluorobenzene	44.59	0	50.00		89.2	66.2	120	46.19	0	0	
Surr: Dibromofluoromethane	48.72	0	50.00		97.4	79.5	121	49.19	0	0	
Surr: Toluene-d8	51.14	0	50.00		102	77	117	51.92	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194839

Sample ID: **MB-194839** Client ID: Units: **mg/L** Prep Date: **08/12/2014** Run No: **273579**
SampleType: **MBLK** TestCode: **VOLATILES, TCLP SW1311/8260B** BatchID: **194839** Analysis Date: **08/12/2014** Seq No: **5774092**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	0.9498	0	1.000		95.0	67.9	128				
Surr: Dibromofluoromethane	0.9450	0	1.000		94.5	77.2	124				
Surr: Toluene-d8	1.004	0	1.000		100	71.6	127				

Sample ID: **LCS-194839** Client ID: Units: **mg/L** Prep Date: **08/12/2014** Run No: **273579**
SampleType: **LCS** TestCode: **VOLATILES, TCLP SW1311/8260B** BatchID: **194839** Analysis Date: **08/12/2014** Seq No: **5774089**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.8840	0.10	1.000		88.4	62.3	141				
1,2-Dichloroethane	1.022	0.10	1.000		102	74.1	127				
2-Butanone	2.613	0.20	2.000		131	45.5	137				
Benzene	0.9642	0.10	1.000		96.4	73.5	125				
Carbon tetrachloride	1.143	0.10	1.000		114	55.1	144				
Chlorobenzene	0.9972	0.10	1.000		99.7	75.4	122				
Chloroform	0.9972	0.10	1.000		99.7	68.2	127				
Tetrachloroethene	1.062	0.10	1.000		106	70.3	132				
Trichloroethene	1.074	0.10	1.000		107	70.5	128				
Vinyl chloride	0.7096	0.040	1.000		71.0	54.9	143				

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194839

Sample ID: **LCS-194839** Client ID: Units: **mg/L** Prep Date: **08/12/2014** Run No: **273579**
SampleType: **LCS** TestCode: **VOLATILES, TCLP SW1311/8260B** BatchID: **194839** Analysis Date: **08/12/2014** Seq No: **5774089**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	1.009	0	1.000		101	67.9	128				
Surr: Dibromofluoromethane	0.9716	0	1.000		97.2	77.2	124				
Surr: Toluene-d8	1.020	0	1.000		102	71.6	127				

Sample ID: **1408650-002AMS** Client ID: **MI-0814-WC** Units: **mg/L** Prep Date: **08/12/2014** Run No: **273579**
SampleType: **MS** TestCode: **VOLATILES, TCLP SW1311/8260B** BatchID: **194839** Analysis Date: **08/13/2014** Seq No: **5774110**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.8466	0.10	1.000		84.7	62.3	154				
1,2-Dichloroethane	0.9686	0.10	1.000		96.9	65.8	132				
2-Butanone	2.371	0.20	2.000		119	44.2	148				
Benzene	0.9266	0.10	1.000		92.7	72.6	133				
Carbon tetrachloride	1.196	0.10	1.000		120	53.7	151				
Chlorobenzene	0.9492	0.10	1.000		94.9	72	130				
Chloroform	0.9534	0.10	1.000		95.3	63.2	137				
Tetrachloroethene	0.9868	0.10	1.000		98.7	71.9	140				
Trichloroethene	1.017	0.10	1.000		102	68.3	146				
Vinyl chloride	0.8046	0.040	1.000		80.5	54.5	151				
Surr: 4-Bromofluorobenzene	0.9982	0	1.000		99.8	67.9	128				
Surr: Dibromofluoromethane	0.9948	0	1.000		99.5	77.2	124				
Surr: Toluene-d8	1.042	0	1.000		104	71.6	127				

Sample ID: **1408650-002ADUP** Client ID: **MI-0814-WC** Units: **mg/L** Prep Date: **08/12/2014** Run No: **273579**
SampleType: **DUP** TestCode: **VOLATILES, TCLP SW1311/8260B** BatchID: **194839** Analysis Date: **08/13/2014** Seq No: **5774109**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	BRL	0.10						0	0	30	
1,2-Dichloroethane	BRL	0.10						0	0	30	

Qualifiers:

>	Greater than Result value	<	Less 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: GaiaTech, Inc.
Project Name: Mohawk Industries
Workorder: 1408650

ANALYTICAL QC SUMMARY REPORT

BatchID: 194839

Sample ID: **1408650-002ADUP** Client ID: **MI-0814-WC** Units: **mg/L** Prep Date: **08/12/2014** Run No: **273579**
SampleType: **DUP** TestCode: **VOLATILES, TCLP SW1311/8260B** BatchID: **194839** Analysis Date: **08/13/2014** Seq No: **5774109**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	0.20						0	0	30	
Benzene	BRL	0.10						0	0	30	
Carbon tetrachloride	BRL	0.10						0	0	30	
Chlorobenzene	BRL	0.10						0	0	30	
Chloroform	BRL	0.10						0	0	30	
Tetrachloroethene	BRL	0.10						0	0	30	
Trichloroethene	BRL	0.10						0	0	30	
Vinyl chloride	BRL	0.040						0	0	30	
Surr: 4-Bromofluorobenzene	0.8884	0	1.000		88.8	67.9	128	0.9866	0	0	
Surr: Dibromofluoromethane	0.9520	0	1.000		95.2	77.2	124	0.9930	0	0	
Surr: Toluene-d8	1.105	0	1.000		110	71.6	127	1.003	0	0	

Qualifiers:

>	Greater than Result value	<	Less 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		

April 12, 2015

Ms. Antonia S. Beavers
Georgia Environmental Protection Division
Land Protection Branch – Response and Remediation
2 Martin Luther King, Jr. Dr. SE
Suite 1054 East Tower
Atlanta, GA 30334-9000

RE: 6th Semi-Annual Progress Report
Diamond Rug and Carpet Mills, Eton, Murray County, Georgia
HSI #10534
RPS GaiaTech Project No. 154742.421.00

Dear Ms. Beavers:

GaiaTech Inc. DBA RPS GaiaTech (RPS GaiaTech) is submitting this progress report to update the status of the former Diamond Rug and Carpet Mills facility (currently operating as Mohawk Industries and hereinafter referred to as the "Site") located in Eton, Murray County, Georgia. This update details activity since the last semi-annual update and provides conclusions and recommendations as detailed in subsequent sections.

CURRENT REGULATORY STATUS

The Site was listed on the Georgia Hazardous Site Inventory (HSI) for a release of tetrachloroethene (PCE) in groundwater at a concentration exceeding a reportable quantity on April 9, 1999. The Site was designated as a Class II Site with HSI No. 10534. Since then, numerous Site investigation and reporting activities have been conducted by others to further characterize the release.

RPS GaiaTech was retained by Mohawk to respond to a November 9, 2010 Notice of Deficiency (NOD) letter from the Georgia Environmental Protection Division (GEPD) regarding an Interim Remedial Status Report prepared by Conestoga Rovers in June of 2005. In the letter, the GEPD required additional clarification to the June 2005 report, as well as additional sampling to define and characterize the extent of impact of various regulated substances in soil and groundwater.

RPS GaiaTech conducted limited soil and groundwater sampling in November 2011 followed by the preparation and submission of a Voluntary Investigation and Remediation Plan (VIRP) Application dated December 14, 2011. The VIRP was submitted in lieu of a Corrective Action Plan, which would have been required under the Georgia Hazardous Site Response Program. The VIRP Application was approved by the Georgia EPD on April 12, 2012. The VIRP Approval letter outlined minimum

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T +1-404-812-0001 F +1 404-812-1992 W www.rpsgroup.com | www.gaiatech.com

schedule requirements, for assessment and reporting milestones. The following details completed VIRP milestone date, which are as follows:

- **Semi-Annual Progress Reports** - October 12 and April 12 through October 12, 2016. A total of three (3) Semi-Annual Progress Reports have been submitted to date including: October 12, 2012; April 12, 2013; and October 12, 2013 progress reports. This brief letter update constitutes the 4th Semiannual Progress Report update.

- **Complete Horizontal Delineation on the Qualifying Property** - Must be demonstrated in the April 12, 2013 Semi-Annual Progress Report (12 months from VIRP Approval). Horizontal delineation was completed as of the 2nd Semi-Annual Progress Report Submission in April 2013 via the installation and sampling of four (4) additional horizontal groundwater delineation wells (OW-10 to OW-13) and the sampling and analysis of existing shallow monitoring wells (OW-9 and OW-7). The horizontal extent of impact was again assessed as part of the 3rd Semi-Annual Progress Report and, likewise, verified complete horizontal delineation with periphery plume monitoring locations with concentrations of Volatile Organic Compounds (VOCs) below the laboratory reporting limits. The data from the 2nd and 3rd semi-annual reporting events indicated that the plume was stable and isolated to the Site.

- **Complete Horizontal Delineation on all Impacted Properties** - Must be demonstrated in the April 12, 2014 Semi-Annual Progress Report (24 months from VIRP Approval). As indicated above, the horizontal extent of impact was delineated on the subject Site with no indications of off-site migration. Thus, the milestone of horizontal delineation on all impacted properties has been met.

- **Complete Horizontal and Vertical Delineation, Finalization of Remedial Plan, and a Cost Estimation for Remedial Implementation** - Must be demonstrated in the October 12, 2014 Semi-Annual Progress Report (30 months from VIRP Approval). As previously indicated, Mohawk has completed horizontal delineation actives. In addition, analytical testing data from the last sampling event in September 2013 indicated that the plume remains stable with concentrations below applicable Risk Reduction Standard (RRS) criteria and therefore a Remedial Plan does not appear to apply to the Site. Vertical delineation was achieved on August 7, 2014 via the installation and sampling of deep well DW-1.

The following VIRP Milestone items remain to be addressed:

- **Submission of Compliance Status Report** - April 12, 2017.

In a meeting with Mohawk, RPS GaiaTech, and the GEPD on September 16, 2014, GEPD agreed to the submission of an Environmental Covenant mechanism and a Compliance Status Report (CSR). Attached to this letter is a draft Uniform Environmental Covenant for the Mohawk Eton, Georgia facility. This UEC was previously submitted electronically to the Georgia EPD via email on April 6, 2015 and is

included as an attachment to this letter. The UEC submission will serve as the 6th semiannual update for the Mohawk Facility. As soon as the UEC is finalized with GEPD commentary and proper legal filings, Mohawk will incorporate the document into the CSR and submit to the GEPD for review and approval.

Please do not hesitate to contact either of the undersigned if you have any questions or require additional documentation.

Sincerely,
RPS GAIATECH

Michael H. Wilson
Sr. Project Manager, Site Investigation & Remediation
(404) 809-3884 – Direct Dial

cc: Denise Wood, Mohawk

Attachments

Attachment 1 – Draft Uniform Environmental Covenant

ATTACHMENT

DRAFT UNIFORM ENVIRONMENTAL COVENANT

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:	Mohawk Industries, Inc. Post Office Box 12069 Calhoun, Georgia 30703
Grantee/Holder:	Mohawk Industries, Inc. Post Office Box 12069 Calhoun, Georgia 30703
Grantee/Entity with express power to enforce:	State of Georgia Department of Natural Resources Environmental Protection Division 2 Martin Luther King Jr. Drive, SE Suite 1152 East Tower Atlanta, GA 30334
Parties with interest in the Property:	Aladdin Manufacturing Division of Mohawk Industries, Inc. 4140 North Highway 411 Eton, Murray County, Georgia

Property:

The property subject to this Environmental Covenant is the Aladdin Manufacturing Division of Mohawk Industries, Inc. facility (hereinafter the "Property"), located on 4140 North Highway 411 in Eton, Murray County, Georgia. This tract of land was conveyed on July 24, 1997 from Linda S. Weaver and Bradley L. Grow, as Co-Administrators, C.T.A of the Estate of Edward L. Weaver, Deceased to Aladdin Manufacturing Corporation, a Delaware corporation recorded in Deed Book 281, Page 202, Murray County Records. The property is located in Land Lots 51 and 58 of the 9th, 3rd Section of Murray County, Georgia. The Property consists of 26.4 acres of land developed for the manufacturing and distribution of carpet for commercial sale. A complete legal description of the property is attached as **Exhibit A** and a map of the area is attached as **Exhibit B**.

Tax Parcel Number(s):

0064A 090 of Murray County, Georgia

Name and Location of Administrative Records:

The corrective action at the property that is the subject of this Environmental Covenant is described in Exhibit C (Annual Property Evaluation Form) of this covenant. Additional documentation is available at the following locations in the files for HSI No. 10534:

The corrective action at the Property that is the subject of this Environmental Covenant are described in the following document[s]:

- July 2002 Compliance Status Report;
- December 5, 2002 Class V Underground Injection Pilot Test Injection Notification;
- February 6, 2004 Notice of Deficiency letter;
- April 14, 2004 Response to Notice of Deficiency;
- March 30, 2005 Notice of Deficiency;
- June 2, 2005 Response to Notice of Deficiency Letter on Compliance Status Report;
- December 2011 Voluntary Investigation and Remediation Plan (VIRP) Application;
- First VIRP Semi-Annual Progress Report, October 2012;
- Second VIRP Semi-Annual Progress Report; April 2013;
- Third Semi-Annual Progress Report, October 2013;
- Fourth Semi-Annual Progress Report, March 2014; and
- Fifth Semi-Annual Progress Report, October 2014.

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00AM to 4:30PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by Mohawk Industries, Inc., its successors and assigns, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of tetrachloroethene occurred on the Property. The following "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively), have been detected in soil and groundwater at the Property: Tetrachloroethene (soil and groundwater), 1,1-Dichloroethane (groundwater), 1,1-Dichloroethene (groundwater).

The Corrective Action consists of the prohibition on the use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes to protect human health and the environment. No further corrective action is required for soil or source material.

Grantor, Mohawk Industries, Inc., (hereinafter "Mohawk") hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of Mohawk (the Holder) and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from exercising any authority under applicable law.

Mohawk makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of EPD, Mohawk and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, Mohawk or its successors and· assigns, Mohawk or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use **Limitation(s)**

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued maintenance of the Corrective Action. The Owner of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to change the use of the Property, apply for building permit(s), or propose any site work that would affect the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Periodic Reporting. The Owner shall inspect the property and applicable property instruments at least annually to ensure compliance with this document. Annually, by no later than April 1st annually, following the effective date of this Environmental Covenant, the Owner shall complete and submit to EPD the Annual Property Evaluation Form attached to this document as Exhibit C. This report should include photographs of the property and will document maintenance and inspection activities and whether or not the activity and use limitations in this Environmental Covenant are being abided by.

5. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the Murray County zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall

be prohibited. Any activity on the Property that may result in the release of, or exposure to, the regulated substances, or create a new exposure pathway is prohibited.

6. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

7. Right of Access. In addition to any rights already possessed by EPD, Mohawk shall allow authorized representatives of EPD the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to determine compliance with this Environmental Covenant; and to inspect records that are related to the Corrective Action.

8. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) Mohawk, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

9. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. §44-5-60, unless and until the Director determines that the Property has met residential cleanup standards, as defined in Section 391-3-19-.07 of the Rules, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. §44-16-1 *et seq.*

10. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

11. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 10 above with an identical copy ofthis Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).

f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and

g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

Mohawk Industries, Inc.
Post Office Box 12069
Calhoun, Georgia 30703

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____day of _____, 20__.

Signed, sealed, and delivered in the presence of:

_____
Unofficial Witness (*Signature*)

_____
Unofficial Witness Name (*Print*)

_____
Unofficial Witness Address (*Print*)

_____
Notary Public (*Signature*)

For the Grantor:

_____
Name of Grantor (*Print*)

(Seal)

_____
Grantor's Authorized Representative (*Signature*)

_____
Authorized Representative Name (*Print*)

_____
Title of Authorized Representative (*Print*)

Dated:_____

My Commission Expires:_____ (NOTARY SEAL)

Signed, sealed, and delivered in the presence of:

For the State of Georgia

Environmental Protection Division:

(Seal)

_____
Unofficial Witness *(Signature)*

_____
(Signature)

Judson H. Turner

_____
Unofficial Witness Name (*Print*)

Director

_____

Dated:_____

_____
Unofficial Witness Address (*Print*)

(NOTARY SEAL)

_____
Notary Public *(Signature)*

My Commission Expires:_____

<SIGNATURE BLOCK FOR HOLDER OR OTHER APPLICABLE PARTIES>

Exhibit A
Legal Description

EXHIBIT A

Eton Manufacturing Plant (Survey Legal)

ALL THAT TRACT AND PARCEL OF LAND lying and being in Land Lots 51 and 58 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

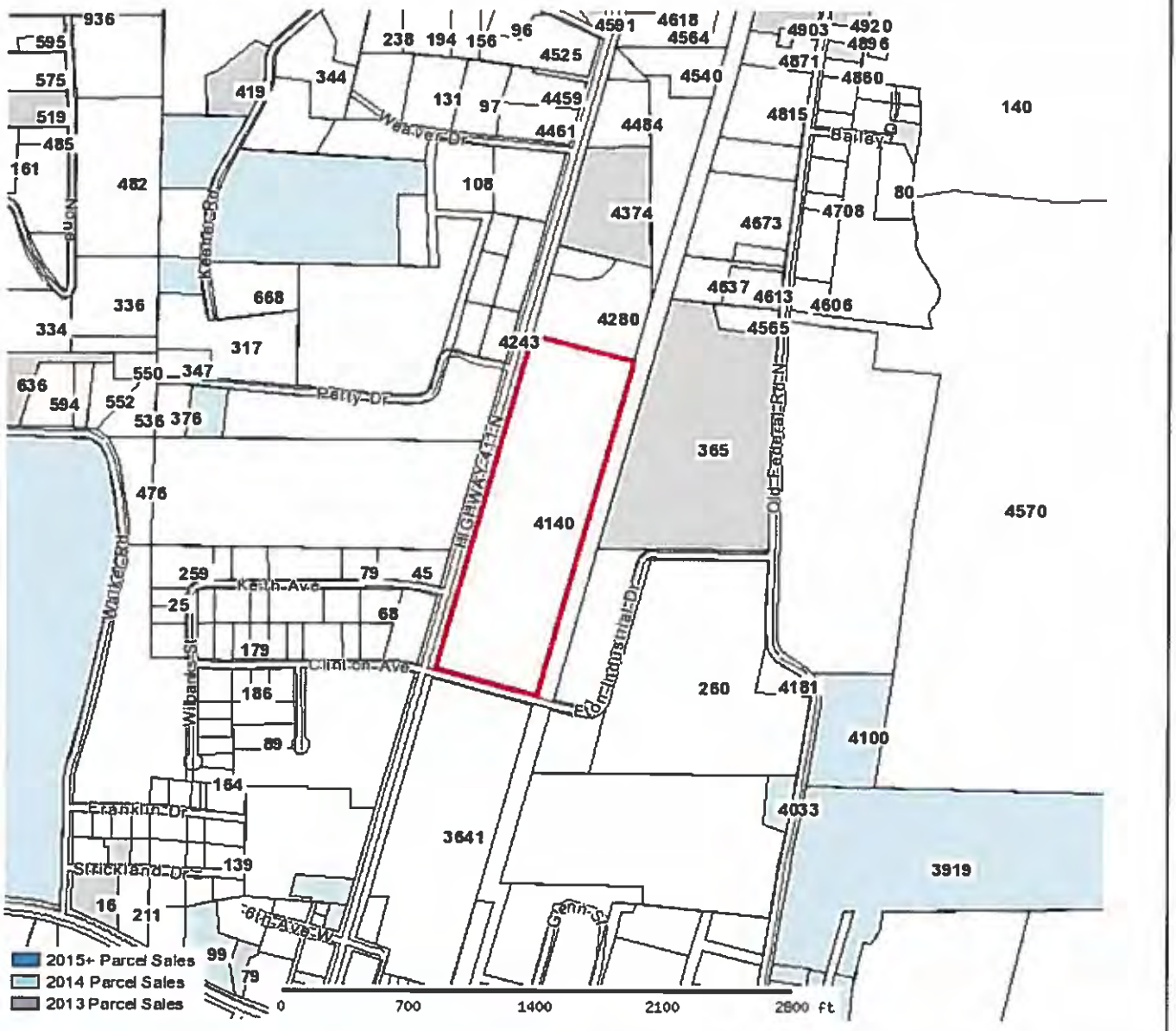
BEGINNING at the intersection of the northern right-of-way line of Eton Industrial Drive (having a right-of-way 80 feet in width) with the eastern right-of-way of U.S. Highway No. 411 (being 55 feet from centerline at this point); run thence along said eastern right-of-way line of U.S. Highway No. 411 North 16 degrees 03 minutes 10 seconds East 744.21 feet to a right-of-way marker; thence along an off-set in said right-of-way line North 74 degrees 30 minutes 59 seconds West 15.00 feet to a right-of-way marker (said right-of-way being 40 feet from centerline at this point); thence North 16 degrees 03 minutes 10 seconds East 1,229.31 feet to an iron pin placed; thence leaving said right-of-way line of U.S. Highway No. 411 and running South 74 degrees 03 minutes 32 seconds East 589.39 feet to an iron pin placed on the western right-of-way line of railroad, formerly known as L & N Railroad (said right-of-way being 100 feet wide); thence along said railroad right-of-way line South 16 degrees 10 minutes 54 seconds West 1,974.31 feet to a point on the northern right-of-way line of Eton Industrial Drive; thence along said northern right-of-way line of Eton Industrial Drive North 73 degrees 58 minutes 09 seconds West 569.95 feet to the POINT OF BEGINNING; all as shown on plat of survey prepared for Mohawk Industries, Inc. by Bakkum-DeLoach & Assoc. (bearing the certification of N.B. DeLoach, Georgia RLS No. 1347), dated February 19, 1997, which survey is incorporated herein for purposes of this description.

Chatsworth Distribution Plant and Option Property (Combined Survey Legal)

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 156 and 157 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING first commence at the corner common to Land Lots 132, 133, 156 and 157, said District, Section and County; thence run South 65 degrees 52 minutes 04 seconds East 344.48 feet to the TRUE POINT OF BEGINNING; from said True Point of Beginning run thence South 81 degrees 13 minutes 36 seconds East 846.85 feet to a fence post iron at fence corner; thence South 0 degrees 27 minutes 0 seconds East 263.55 feet to a point in the center line of a 60 foot road easement (private easement established per Deed Book 123, Page 132); thence along said center line South 89 degrees 20 minutes 42 seconds East 763.34 feet to a rebar found on the northwestern right-of-way line of Duvall Road (having a right-of-way 80 feet in width); thence along said right-of-way line of Duvall Road the following courses and distances: South 25

Exhibit B
Maps



Parcel Map Close			
Parcel: 0064A 090 Acres: 26.4			
Name	ALADDIN MANUFACTURING CO	Land Value	$740,500.00
Site	4140 N 411 HWY	Building Value	$3,449,300.00
Sale	$0 on 07-1997 Reason=QC Qual=U	Misc Value	$197,000.00
Mail	C/O ERNST & YOUNG LLP P O BOX 52307 ATLANTA, GA 303550307	Total Value	$4,386,800.00

Date printed: 03/27/15 13:33:10

APPENDIX C

ENVIRONMENTAL COVENTANT

After Recording Return to:

Mohawk Industries, Inc.
Post Office Box 12069
Calhoun, Georgia 30703
Attn.: Denise A. Wood
VP Environmental Services

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:	Mohawk Industries, Inc. Post Office Box 12069 Calhoun, Georgia 30703
Grantee/Holder:	Mohawk Industries, Inc. Post Office Box 12069 Calhoun, Georgia 30703
Grantee/Entity with express power to enforce:	State of Georgia Department of Natural Resources Environmental Protection Division 2 Martin Luther King Jr. Drive, SE Suite 1456 East Tower Atlanta, GA 30334
Parties with interest in the Property:	Aladdin Manufacturing Division of Mohawk Industries, Inc. 4140 North Highway 411 Eton, Murray County, Georgia

Property:

The property subject to this Environmental Covenant is the Aladdin Manufacturing Division of Mohawk Industries, Inc. facility (hereinafter the "Property"), located on 4140 North Highway 411 in Eton, Murray County, Georgia. This tract of land was conveyed on July 24, 1997 from Linda S. Weaver and Bradley L. Grow, as Co-Administrators, C.T.A of the Estate of Edward L. Weaver, Deceased to Aladdin Manufacturing Corporation, a Delaware corporation recorded in Deed Book 281, Page 202, Murray County Records. The property is located in Land Lots 51 and 58 of the 9th District, 3rd Section of Murray County, Georgia. The Property consists of 26.4 acres of land developed for the manufacturing and distribution of carpet for commercial sale. A complete legal description of the Property is attached as **Exhibit A** and a map of the area is attached as **Exhibit B**.

Tax Parcel Number(s):

0064A 090 of Murray County, Georgia

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in Exhibit C (Annual Property Evaluation Form) of this covenant. Additional documentation is available at the following locations in the files for HSI No. 10534:

The corrective action at the Property that is the subject of this Environmental Covenant are described in the following document[s]:

- July 2002 Compliance Status Report;
- December 2011 Voluntary Investigation and Remediation Plan (VIRP) Application;
- VIRP Compliance Status Report

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1054 East Tower
Atlanta, GA 30334
M-F 8:00AM to 4:30PM excluding state holidays

Add a Mohawk location here

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by Mohawk Industries, Inc., its successors and assigns, Mohawk Industries, Inc. as Holder, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of tetrachloroethene occurred on the Property. The following "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively), have been detected in soil and groundwater at the Property: 1,1-dichloroethane, 1,1 ,1- trichloroethane , 1,2-dichloroethane , cis - 1,2-dichloroethene 1,1,2-trichloroethane, trichloroethene, tetrachloroethene, 1,1-dichloroethene, and vinyl chloride.. The Corrective Action consists of institutional controls (the prohibition on the use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes) to protect human health and the environment. No further corrective action is required for soil or source material.

Grantor, Mohawk Industries, Inc., (hereinafter "Mohawk") hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such

other rights under this Environmental Covenant in favor of Mohawk (the Holder) and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from exercising any authority under applicable law.

Mohawk makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of Mohawk as Holder, EPD, Mohawk and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, Mohawk as Holder or its successors and assigns, Mohawk or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use **Limitation(s)**

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day written notice to EPD subsequent to conveyance of any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued maintenance of the Corrective Action.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Periodic Reporting. The Owner shall inspect the property and applicable property instruments at least annually to ensure compliance with this document. Annually, by no later than November 1st, following the effective date of this Environmental Covenant, the Owner shall complete and submit to EPD the Annual Property Evaluation Form attached to this document as Exhibit C. This report should include photographs of the property and will document maintenance and inspection activities and whether or not the activity and use limitations in this Environmental Covenant are being abided by.

5. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the Murray County zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. Any activity on the Property that may result in the release of, or exposure to, the regulated substances, or create a new exposure pathway is prohibited.

6. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

7. Right of Access. In addition to any rights already possessed by EPD, Mohawk shall allow authorized representatives of EPD and/or Mohawk as Holder the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to take samples, to inspect

the Corrective Action being conducted at the Property, to determine compliance with this Environmental Covenant; and to inspect records that are related to the Corrective Action.

8. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) Mohawk as Holder, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

9. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. §44-5-60, unless and until the Director determines that the Property has met residential (Type 1 and/ or Type 2) cleanup standards, as defined in Section 391-3-19-.07 of the Rules, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. §44-16-1 *et seq.*

10. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

11. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 8 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).

f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and

g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1054 East Tower
Atlanta, GA 30334

Mohawk Industries, Inc.
Post Office Box 12069
Calhoun, Georgia 30703
Attn: Denise Wood
VP Environmental Services

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the 8th day of October, 2015.

Signed, sealed, and delivered in the presence of:

Tyler Saunders
Unofficial Witness (*Signature*)

Tyler Saunders
Unofficial Witness Name (*Print*)

508 East Morris St.
Dalton, GA 30721
Unofficial Witness Address (*Print*)

Audrey C Phillips
Notary Public (*Signature*)

My Commission Expires: August 26, 2017

For the Grantor:

Mohawk Industries, Inc.
Name of Grantor (*Print*)

Denise A. Wood
Grantor's Authorized Representative (*Signature*)

Denise A. Wood
Authorized Representative Name (*Print*)

VP Environmental Services
Title of Authorized Representative (*Print*)

Dated: October 8th 2015

(NOTARY SEAL)

AUDREY C PHILLIPS
NOTARY PUBLIC
MY COMMISSION EXPIRES
AUGUST 26, 2017
WHITFIELD COUNTY, GEORGIA

Signed, sealed, and delivered in the presence of:

For the State of Georgia

Environmental Protection Division:

(Seal)

Unofficial Witness *(Signature)*

(Signature)

Judson H. Turner

Unofficial Witness Name *(Print)*

Director

Dated:_____

Unofficial Witness Address *(Print)*

(NOTARY SEAL)

Notary Public *(Signature)*

My Commission Expires:_____

Exhibit A
Legal Description

EXHIBIT A

Eton Manufacturing Plant (Survey Legal)

ALL THAT TRACT AND PARCEL OF LAND lying and being in Land Lots 51 and 58 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

BEGINNING at the intersection of the northern right-of-way line of Eton Industrial Drive (having a right-of-way 80 feet in width) with the eastern right-of-way of U.S. Highway No. 411 (being 55 feet from centerline at this point); run thence along said eastern right-of-way line of U.S. Highway No. 411 North 16 degrees 03 minutes 10 seconds East 744.21 feet to a right-of-way marker; thence along an off-set in said right-of-way line North 74 degrees 30 minutes 59 seconds West 15.00 feet to a right-of-way marker (said right-of-way being 40 feet from centerline at this point); thence North 16 degrees 03 minutes 10 seconds East 1,229.31 feet to an iron pin placed; thence leaving said right-of-way line of U.S. Highway No. 411 and running South 74 degrees 03 minutes 32 seconds East 589.39 feet to an iron pin placed on the western right-of-way line of railroad, formerly known as L & N Railroad (said right-of-way being 100 feet wide); thence along said railroad right-of-way line South 16 degrees 10 minutes 54 seconds West 1,974.31 feet to a point on the northern right-of-way line of Eton Industrial Drive; thence along said northern right-of-way line of Eton Industrial Drive North 73 degrees 58 minutes 09 seconds West 569.95 feet to the POINT OF BEGINNING; all as shown on plat of survey prepared for Mohawk Industries, Inc. by Bakkum-DeLoach & Assoc. (bearing the certification of N.B. DeLoach, Georgia RLS No. 1347), dated February 19, 1997, which survey is incorporated herein for purposes of this description.

Chatsworth Distribution Plant and Option Property (Combined Survey Legal)

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 156 and 157 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING first commence at the corner common to Land Lots 132, 133, 156 and 157, said District, Section and County; thence run South 65 degrees 52 minutes 04 seconds East 344.48 feet to the TRUE POINT OF BEGINNING; from said True Point of Beginning run thence South 81 degrees 13 minutes 36 seconds East 846.85 feet to a fence post iron at fence corner; thence South 0 degrees 27 minutes 0 seconds East 263.55 feet to a point in the center line of a 60 foot road easement (private easement established per Deed Book 123, Page 132); thence along said center line South 89 degrees 20 minutes 42 seconds East 763.34 feet to a rebar found on the northwestern right-of-way line of Duvall Road (having a right-of-way 80 feet in width); thence along said right-of-way line of Duvall Road the following courses and distances: South 25

Exhibit A

Legal Description

EXHIBIT A

Eton Manufacturing Plant (Survey Legal)

ALL THAT TRACT AND PARCEL OF LAND lying and being in Land Lots 51 and 58 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

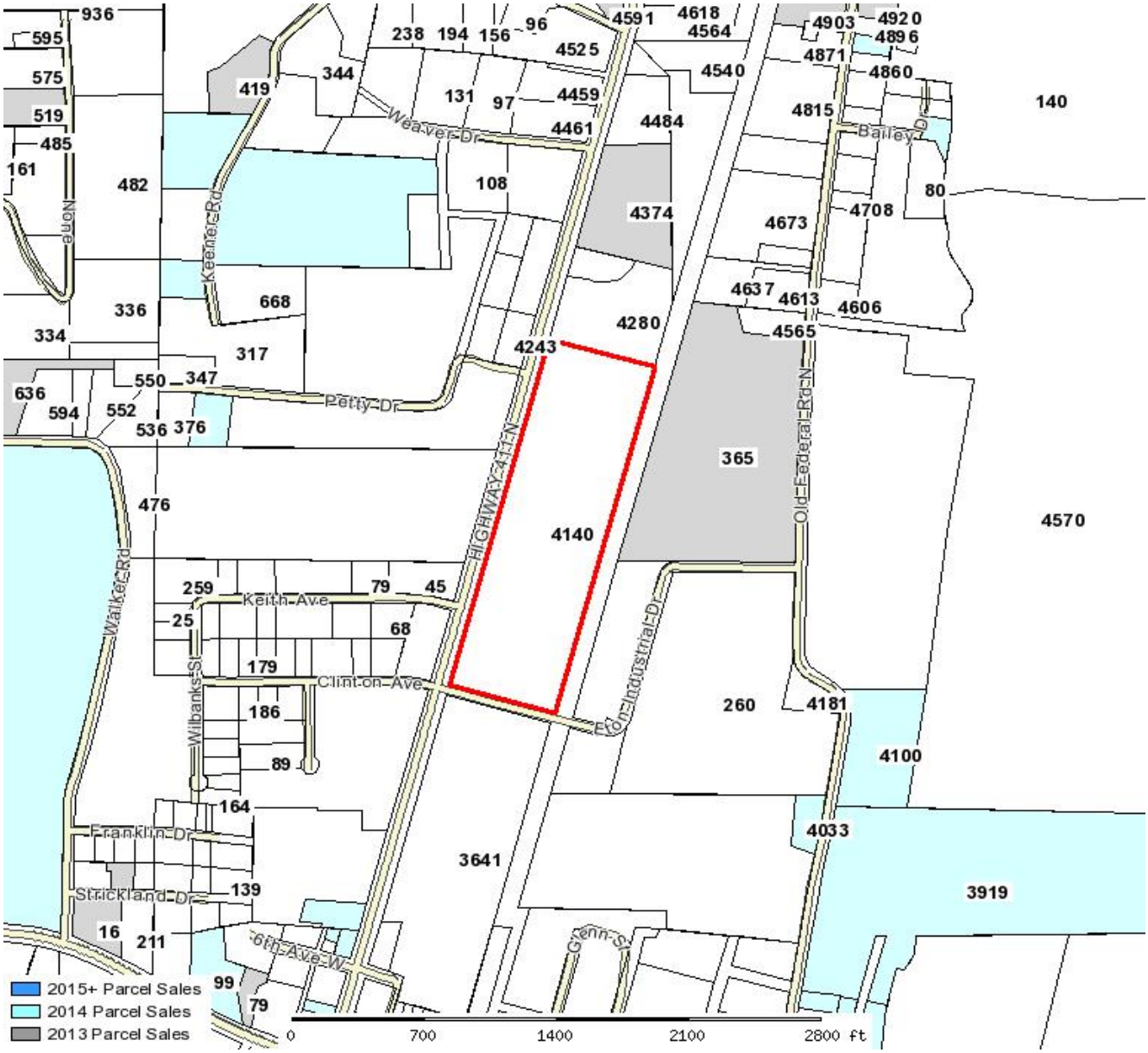
BEGINNING at the intersection of the northern right-of-way line of Eton Industrial Drive (having a right-of-way 80 feet in width) with the eastern right-of-way of U.S. Highway No. 411 (being 55 feet from centerline at this point); run thence along said eastern right-of-way line of U.S. Highway No. 411 North 16 degrees 03 minutes 10 seconds East 744.21 feet to a right-of-way marker; thence along an off-set in said right-of-way line North 74 degrees 30 minutes 59 seconds West 15.00 feet to a right-of-way marker (said right-of-way being 40 feet from centerline at this point); thence North 16 degrees 03 minutes 10 seconds East 1,229.31 feet to an iron pin placed; thence leaving said right-of-way line of U.S. Highway No. 411 and running South 74 degrees 03 minutes 32 seconds East 589.39 feet to an iron pin placed on the western right-of-way line of railroad, formerly known as L & N Railroad (said right-of-way being 100 feet wide); thence along said railroad right-of-way line South 16 degrees 10 minutes 54 seconds West 1,974.31 feet to a point on the northern right-of-way line of Eton Industrial Drive; thence along said northern right-of-way line of Eton Industrial Drive North 73 degrees 58 minutes 09 seconds West 569.95 feet to the POINT OF BEGINNING; all as shown on plat of survey prepared for Mohawk Industries, Inc. by Bakkum-DeLoach & Assoc. (bearing the certification of N.B. DeLoach, Georgia RLS No. 1347), dated February 19, 1997, which survey is incorporated herein for purposes of this description.

Chatsworth Distribution Plant and Option Property (Combined Survey Legal)

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 156 and 157 of the 9th District, 3rd Section, Murray County, Georgia and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING first commence at the corner common to Land Lots 132, 133, 156 and 157, said District, Section and County; thence run South 65 degrees 52 minutes 04 seconds East 344.48 feet to the TRUE POINT OF BEGINNING; from said True Point of Beginning run thence South 81 degrees 13 minutes 36 seconds East 846.85 feet to a fence post iron at fence corner; thence South 0 degrees 27 minutes 0 seconds East 263.55 feet to a point in the center line of a 60 foot road easement (private easement established per Deed Book 123, Page 132); thence along said center line South 89 degrees 20 minutes 42 seconds East 763.34 feet to a rebar found on the northwestern right-of-way line of Duvall Road (having a right-of-way 80 feet in width); thence along said right-of-way line of Duvall Road the following courses and distances: South 25

Exhibit B
Maps



Parcel Map Close			
Parcel: 0064A 090 Acres: 26.4			
Name:	ALADDIN MANUFACTURING CO	Land Value	$740,500.00
Site:	4140 N 411 HWY	Building Value	$3,449,300.00
Sale:	$0 on 07-1997 Reason=QC Qual=U	Misc Value	$197,000.00
Mail:	C/O ERNST & YOUNG LLP P O BOX 52307 ATLANTA, GA 303550307	Total Value:	$4,386,800.00

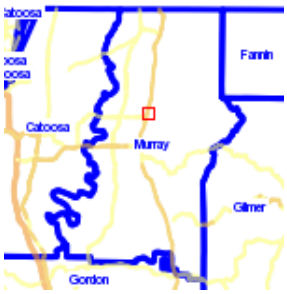


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Exhibit C
Annual Property Evaluation Form

Exhibit C
Annual Property Evaluation Form

Diamond Rug and Carpet Mills-Eton Plant, HSI Site No. 10534

TYPE	No.	CRITERIA RESPONSE	YES	NO
Land Use	1	Does this former HSRA site meet the definition of non-residential property as defined in HSRA Rule 391-3-19.02(2)? "Non-residential property means any property or portion of a property not currently being used for human habitation or for other purposes with a similar potential for human exposure, at which activities have been or are being conducted that can be categorized in one of the 1987 Standard Industrial Classification major group…"		
	1a	If no to 1, provide a written explanation (attached) to the EPD within 30 days.		
Property Instruments	2	Do all leases or other property instruments for the site have the applicable deed notice language inserted into them?		
	2a	If no to 2, provide a written explanation (attached) to the EPD within 30 days.		
Inspection	3	Date of inspection:		
	3a	Name of inspector:		
	3b	Photographs showing current land use (attached)		

Certification:

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

_____ _____

NAME (Please type or print) TITLE

_____ _____

SIGNATURE DATE

APPENDIX D

SUMMARY OF PROFESSIONAL ENGINEER HOURS

SUMMARY OF PROFESSIONAL ENGINEER HOURS

Mohawk Industries
Eton, Georgia
RPS GaiaTech Project No. 157149.400.00

Quantity	Units	Time Period + Description of Activities	Hours		
					Subtotal
		Compliance Status Report Review - October 2015			
4.00	Hours	Sr. Project Manager (David S. Buchalter, P.E.)			4.00

P.E. MONTHLY HOURS TOTAL => 4.00