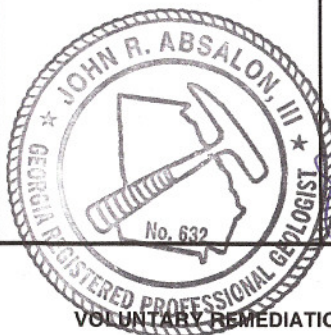


# Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
<b>COMPANY NAME</b>	First National Bank of Nassau County; A Division of CBC National Bank				
<b>CONTACT PERSON/TITLE</b>	Lisa R. Morgan, Vice President, Special Assets				
<b>ADDRESS</b>	2 Park of Commerce, Suite E, Savannah, GA 31406				
<b>PHONE</b>	(912) 2335-2992	<b>FAX</b>	(912) 235-5682	<b>E-MAIL</b>	<a href="mailto:lmorgan@cbcnationalbank.com">lmorgan@cbcnationalbank.com</a>
GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
<b>NAME</b>	John R. Absalon		<b>GA PE/PG NUMBER</b>	632	
<b>COMPANY</b>	Southern Monitoring & Environmental, LLC				
<b>ADDRESS</b>	51 Golf Circle, Atlanta, GA 30339				
<b>PHONE</b>	(404) 626-2990	<b>FAX</b>	(404) 815-7759	<b>E-MAIL</b>	wharrisco@aol.com
APPLICANT'S CERTIFICATION					
<p>In order to be considered a qualifying property for the VRP:</p> <p>(1) The property must have a release of regulated substances into the environment;</p> <p>(2) The property shall not be:</p> <p style="margin-left: 40px;">(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.</p> <p style="margin-left: 40px;">(B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or</p> <p style="margin-left: 40px;">(C) A facility required to have a permit under Code Section 12-8-66.</p> <p>(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.</p> <p>(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.</p> <p>In order to be considered a participant under the VRP:</p> <p style="margin-left: 40px;">(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.</p> <p style="margin-left: 40px;">(2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.</p> <p>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.</p> <p>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.</p>					
<b>APPLICANT'S SIGNATURE</b>					
<b>APPLICANT'S NAME/TITLE (PRINT)</b>	Lisa R. Morgan, Vice President, Special Assets; First National Bank of Nassau County, A Division of CBC National Bank			<b>DATE</b>	

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	Not Applicable	Date HSI Site listed	Not Applicable
HSI Facility Name	Not Applicable	NAICS CODE	111210
PROPERTY INFORMATION			
TAX PARCEL ID	Cook County Tax ID: 040B 024	PROPERTY SIZE (ACRES)	11.54
PROPERTY ADDRESS	1460 Industrial Boulevard		
CITY	Adel	COUNTY	Cook
STATE	Georgia	ZIPCODE	31620
LATITUDE (decimal format)	31.12	LONGITUDE (decimal format)	-83.437778
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	TSP Farms, LLC	PHONE #	(229)247-1387
MAILING ADDRESS	Register Agent: L. Andrew Smith, 106 East Force Street, P.O. Box 1026		
CITY	Valdosta	STATE/ZIPCODE	GA 31603
ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	<b>\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES.</b> (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.)	<b>Attached to Application: Ck. Date 01/05/2011 Ck. No. 101213</b>	
2.	<b>WARRANTY DEED(S) FOR QUALIFYING PROPERTY. (DEED TO SECURE DEBT)</b>	<b>VRP Application Appendix</b>	
3.	<b>TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).</b>	<b>Figure 1</b>	
4.	<b>ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).</b>	<b>Attached to Application</b>	
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	<b>Section 2.0 of the VRP Application</b>	

	<p>progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a <b>PROJECTED MILESTONE SCHEDULE</b> for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the milestone schedule.</p> <p>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:</p>		
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;	Not Applicable	
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;	Not Applicable	
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	Not Applicable	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Not Applicable	
6.	<p><b>SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION:</b></p> <p>"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, <u>et seq.</u>). 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.</p> <p>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.</p> <p>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."</p> <p>John R. Absalon, P.G. #632 Printed Name and GA PE/PG Number</p> <p><u>Jan. 24, 2011</u> Date</p> <p><u>[Signature]</u> Signature and Stamp</p>		



**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	



RECEIVED  
Georgia EPD  
JAN 25 2011  
Hazardous Sites  
Response Program

**JOHN M. STUCKEY, Jr.**

**Attorney At Law**

1441 Welcome Road

Newnan, Georgia 30263

Telephone: Office: (404) 848-1500; Cell: (678) 378-5233

Fax: (770) 253-6692 Email: [jstuckey@jstuckey.com](mailto:jstuckey@jstuckey.com)

January 20, 2011

BY HAND DELIVERY TO:

Alexandra Y. Cleary, Program Manager  
Response & Remediation Program  
Land Protection Branch  
Environmental Protection Division  
Georgia Department of Natural Resources  
2 Martin Luther King Jr. Drive, SE, Suite 1462  
Atlanta, Georgia 3034

Re: First National Bank of Nassau County; Voluntary Investigation and  
Remediation Plan Application; Former D&H Farms Facility, 1460 Industrial  
Blvd., Adel, Cook County, Georgia.

Dear Ms. Cleary:

Delivered herewith for filing are document as follows:

First National Bank of Nassau County's ("FNBNC") EPD Form 03/30/2010  
Voluntary Investigation and Remediation Plan Application; Former D&H Farms  
Facility, 1460 Industrial Blvd. Adel, Cook County, GA, with Attachments as  
follows:

\*Application Fee: FNBNC Check No. 101213, dated 01/05/2011 in the amount  
of \$5000.00 endorsed payable to The Georgia Department Of Natural Resources;  
and,

\* File Stamped Copy of Modification Agreement To Deed To Secure Debt dated  
August 27, 2007, recorded in Deed Book 586, Pages 317-323, Public Records of  
Cook County, Georgia; and,

\*One Paper Copy and Two Compact Disc (CD) Copies of Applicant's Voluntary  
Remediation Plan in a Searchable PDF Format.

Cover Letter dated January 24, 2011; John Stuckey to Alexandra Cleary,  
Georgia EPD, In Re. FNBNC VRP Program Application, Former D&H Farms Facility,  
Adel, Cook County, Georgia.

FNBNC, a Division of CBC National Bank, (the "Bank") requests that the attached Voluntary Investigation and Remediation Plan Application ("Application") be accepted and considered for approval.

The subject Application is filed by the Bank in its' capacity as a secured lender on the Property, which status results from a loan in the amount of \$1,410,0000.00 made by the Bank to D&H Farms, LLC, a Georgia limited liability company and the owner of the Property (the "Loan" and the "Borrower") which Loan is secured by a valid and enforceable Deed To Secure Debt dated August 27, 2007, recorded in Deed Record Book 586, Pages 317-323, Public Records of Cook County, Georgia (the "Bank's Security Deed"). The Loan is guaranteed, in part, by the U.S. Small Business Administration (SBA Loan CPL 28879460-08) and the Bank's Security Deed incorporates SBA's form Note and Loan Agreement.

The Bank is a prospective purchaser under its' Security Deed and is pursuing Compliance Certification for the Property under the VRP Program as a first step in the remediation of the facility. If EPD grants the within requested Compliance Certification, the Bank will file for a Brownfields' Limitation of Liability on the Property in order to posture it for a buy-in and resale under the terms and conditions of its' Security Deed.

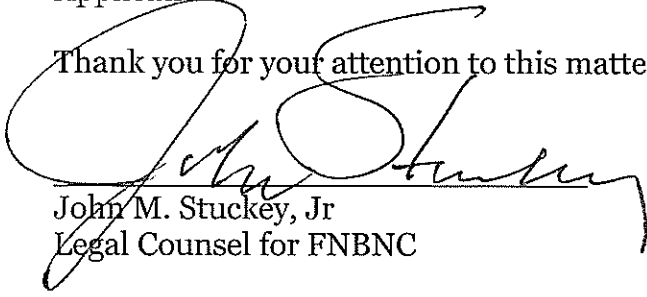
The Borrower has defaulted under the terms and conditions of the Loan and has abandoned the Property. As a secured lender under Georgia law, the Bank has the unqualified right to make these filings and to undertake the required site investigations/assessments and remedial actions in order to protect and preserve the value of its' collateral. The Bank is also empowered to undertake response actions to preserve, protect and prepare the facility for sale or other disposition under the lender liability provisions of CERCLA, RCRA and HSRA.

Further, the Bank is eligible to participate in the VRP Program in that it meets the requirements of OCGA Section 12-8-106 by having, as provided in its' Security Deed, *"express permission to enter another's property to perform corrective action including, to the extent applicable, implementing controls for the site pursuant to ...[a written] indenture."*

Finally, as certified in the Application, the subject Property is a qualifying property for the VRP Program under and pursuant to the provisions of OCGA Section 12-8-105, and, is a qualifying property for limitation of liability under and pursuant to the provisions of OCGA Sections 12-8-205 and Section 12-8-207 in that it (1) has a preexisting release, and, (2) is not subject to any lien filed under subsection (e) of OCGA 12-8-96 or subsection (b) of OCGA 12-13-12.

Accordingly, the Bank respectfully requests that EPD accept and approve this Application.

Thank you for your attention to this matter.



John M. Stuckey, Jr  
Legal Counsel for FNBNC



January 24, 2011

Alexandra Y. Cleary, Program Manager  
Response & Remediation Program  
Land Protection Branch  
2 Martin Luther King Jr., Drive, Suite 1462  
Atlanta, Georgia 30334

**Re: Voluntary Remediation Program Application & Checklist  
Former D&H Farms  
1460 Industrial Blvd.  
Adel, Georgia**

Dear Mrs. Cleary:

All documents are virus free and included on this CD.

If you have any questions or comments on the on the format of this CD, please contact the undersigned.

Sincerely,

A handwritten signature in blue ink that reads "Kth Moore". The signature is stylized, with the first letters of the first and last names being capitalized and prominent.

Kenneth Moore  
Project Manager

# **Voluntary Remediation Program Application**

**Former D&H Farms, LLC  
1460 Industrial Boulevard  
Adel, Georgia**

## **Submitted To:**

Georgia Department of Natural Resources  
Response & Remediation Program  
Land Protection Branch  
Suite 1462, East Tower  
2 Martin Luther King, Jr. Drive S.E.  
Atlanta, GA 30334

## **Prepared For:**

First National Bank of Nassau County,  
a Division of CBC National Bank  
1891 South 14<sup>th</sup> Street  
Fernandina Beach, FL 32034

## **Prepared By:**

Southern Monitoring & Environmental, LLC  
4755 Prather Farms Circle  
Cumming, GA 30040



# Voluntary Remediation Program Application

Former D&H Farms, LLC  
1460 Industrial Boulevard  
Adel, Georgia

## Submitted To:

Georgia Department of Natural Resources  
Hazardous Waste Management Branch  
Suite 1462, East Tower  
2 Martin Luther King, Jr. Drive S.E.  
Atlanta, GA 30334

## Prepared For:

First National Bank of Nassau County,  
a Division of CBC National Bank  
1891 South 14<sup>th</sup> Street  
Fernandina Beach, FL 32034

## Prepared By:

Southern Monitoring & Environmental, LLC  
4755 Prather Farms Circle  
Cumming, GA 30040



William Harris  
Principal

Date: 1/23/11



Kenneth Moore  
Project Manager

Date: 1/23/11

---

## Voluntary Remediation Program Application

Former D&H Farms, LLC  
1460 Industrial Boulevard  
Adel, Georgia

January 2011

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## **Attachments**

Deed to Secure Debt

Report on Potential Chromium Migration Estimates (October 2010)

Phase (III) Environmental Site Cleanup (April 10, 2007)

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## REGISTERED PROFESSIONAL GEOLOGIST CERTIFICATION

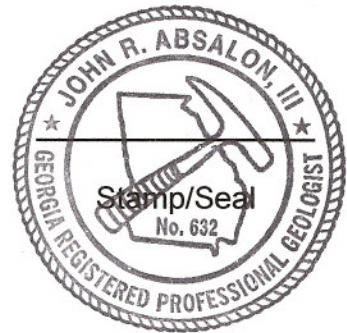
I hereby certify that I have directed and supervised the fieldwork and preparation of this report in accordance with state rules and regulations. As a registered professional geologist and/or professional engineer, I certify that I am a qualified groundwater professional, as defined by the Georgia State Board of Professional Geologists. All of the information and laboratory data in this report and in all of the attachments are true, accurate, complete, and in accordance with applicable state rules and regulations.

Name: John Absalon, P.G.

Georgia Registration No. 632

Signature: \_\_\_\_\_

Date: Jan. 24, 2011



---

## **Voluntary Remediation Program Application**

**Former D&H Farms, LLC  
1460 Industrial Boulevard  
Adel, Georgia**

**January 2011**

### **1.0 INTRODUCTION**

This Voluntary Remediation Program (VRP) Application has been prepared on the behalf of First National Bank of Nassau County, a Division of CBC National Bank ("FNBNC" and/or the "Bank"). The Bank is the holder of a Deed To Secure Debt ("DSD") (attached) given by D&H Farms, LLC to secure payment of a purchase money loan on the property described below (the "Loan"). D&H Farms has defaulted on the Loan and has abandoned the property. The Loan is guaranteed by the United States Small Business Administration ("SBA"). The Bank, pursuant to its' rights under the DSD, has undertaken to preserve, protect and restore the value of the property and enhance its' resale value by causing Southern Monitoring & Environmental, LLC ("SM&E") to conduct site investigations/site assessment activities ("SI/SA") compliant with the United States Environmental Protection Agency's "All Appropriate Inquiries" Rule. SM&E's site investigation activities have revealed the presence of groundwater contamination by chromium VI at one point on the Property; and, accordingly, the Bank has caused SM&E to prepare and submit this VRP Application.

The property is located at 1460 Industrial Boulevard, Adel, Cook County, Georgia, herein referenced as the "Property". The tax parcel for the Property is in Land Lot 377 Tax I.D. No. 0040B 024. United States Geological Survey (USGS) Cecil, Georgia 7.5-minute series topographic quadrangle map depicting the location of the Property and its surrounding topography is included as Figure 1 of the Figures Appendix. The Property is comprised of one rectangular shaped parcel approximately 11.54 acres in size.

Between August 3, 2009 and March 9, 2010, Southern Monitoring & Environmental, LLC (SM&E) performed four investigations at the Property to assess on-site soil and groundwater conditions. The investigations were conducted to determine potential environmental impacts from a former on-site chrome plating operation named Production Anodizing Corporation Plant #2 (Production Anodizing). Production Anodizing operated a chrome plating operation on the Property that included several dip tanks and the use of chromatic acid from the 1960s to the early 1980s.



---

## 1.1 Property Location and Description

A United States Geological Survey (USGS) Cecil, Georgia 7.5-minute series topographic quadrangle map depicting the location of the Property and its surrounding topography is included as Figure 1 of the Figures Appendix. The latitude and longitude coordinates of the Property are 31° 07' 12" North and 83° 26' 16" West, respectively. The Tax Map I.D. Number for the Property is 0040B 024 as shown on Figure 2.

The property totals 11.54 acres and is comprised of one parcel. The Property is located at 1460 Industrial Blvd, in the City of Adel, 31620, and in Land Lot 377 Cook County, Georgia. A legal description of the property is included in the Legal Description Appendix.

The Property is currently vacant and encompasses a former industrial site where two now defunct companies, Production Anodizing Corporation and Aluminum Finishing of Georgia, Inc. ("Production Anodizing" and "Aluminum Finishing") conducted chrome plating processes from the late 1960's to the early 1980's. The Property is rectangular in shape and is improved with two buildings previously housing the administrative and manufacturing operations conducted on site by Production Anodizing and Aluminum Finishing. During the time the chrome plating operations were conducted on-site, two ancillary structures were operational as part of the chrome plating processes conducted in the main building – a surface impoundment where processing sludge was stored (the "Surface Impoundment") and a wastewater clarifier used for oil/water separation, solids removal and chemical treatment (the "Clarifier").

The most recent owner, D&H Farms, installed a complex of greenhouses located adjacent to the Main Operations Building (the "Greenhouse Complex") and conducted a commercial farming operation.

The Property is bordered by undeveloped land to the east, by Morrison Creek to the south and undeveloped land beyond, railroad tracks, South Elm Street to the north and west, and industrial buildings to the north.

## 1.2 Property Investigative History

Portions of the Property have been inspected by EPD personnel numerous times in the past in addition to the three more recent visits between 2007 and 2009. These inspections were in furtherance of the closure of the on-site EPD/EPA RCRA Units (the Surface Impoundment and the Clarifier). Both Units have been assessed, remediated and closed in accordance with applicable law/regulations as confirmed in EPD correspondence previously furnished to FNBNC by D&H Farms. A list of GA EPD's correspondences are listed below:

- June 15, 2007; Jim Brown, Acting Program Manager, GA EPD Corrective Action Program, to David Glisson, President, T.S.P. Farms, Re. Corrective Measures Report Former Production Anodizing Plant #2, Adel, Georgia, Permit No. HW-039(D) GAD 003308335; and,

- 
- August 4, 2008; Mark Smith, Chief, GA EPD Hazardous Waste Management Branch, to David Glisson, President, T.S.P. Farms, Re: Class 3 Permit Modification/Permit Termination, Former Production Anodizing Plant #2, Adel, Georgia, Permit No. HW-039(D) GAD 003308335; and,
  - March 17, 2009; Carol A. Couch, Director, GA EPD to David Glisson, President, T.S.P. Farms, Re: Termination of Hazardous Waste Facility Permit HW-039(D) D&H Farms (former Production Anodizing Plant #2) GAD 003308335, Adel, Georgia (collectively, the “EPD Letters”).

### **1.3 SM&E Investigations**

Between August 3, 2009 and March 9, 2010, SM&E performed four investigations at the Property to assess on-site soil and groundwater conditions. The investigations were conducted to determine potential environmental impacts from a former on-site chrome plating operation conducted as Production Anodizing Corporation Plant #2 (Production Anodizing). Field sampling for each of these investigations was conducted in accordance with the Environmental Protection Agency’s (EPA) Region 4 Science and Ecosystem Support Division (SESD) Guidance.

#### **1.3.1 SM&E First Investigation – August 3, 2009**

On August 3, 2009, SM&E installed thirteen soil borings using direct push technology and collected groundwater and soil samples from select depths in each boring. Boring locations were selected based on information gathered by SM&E during its review of EPA and Georgia Environmental Protection Division (GA EPD) files relating to the Property and a site walk in May 2009.

Temporary wells were installed in each soil boring for the collection of groundwater samples. Additionally, soil samples were collected from six borings to investigate potential source area contaminants and one waste sample was collected from the open end of a sump located adjacent to the main building where the former chrome plating operation was located. The analytical results from the first investigation identified potential groundwater contamination on the Property apparently from the former on-site chrome plating operation. Based on the presence of potential on-site groundwater contamination, SM&E recommended a second subsurface investigation. Additionally, SM&E recommended a water well and sensitive receptor survey to estimate the site scoring according to the Reportable Quantity Screening Method (RSQSM) and determine whether the site will be listed on the Hazardous Site Inventory (HSI).

---

### **1.3.2 SM&E Second Investigation – September 14, 2009**

On September 14, 2009, SM&E conducted a second investigation. Fifteen soil borings were advanced using direct push technology. Fifteen groundwater samples and one sediment sample (adjacent to Morrison Creek located along the southern property boundary) were collected. Boring locations were selected based on information gathered during SM&E's first investigation conducted in August 2009. No soil samples were collected during the second investigation.

Analytical results from the second investigation indicated that chromium (III) and (VI) were present in the groundwater at concentrations that exceeded their respective Hazardous Site Response Act (HSRA) Notification Concentrations (NCs) (based on background concentrations) and Type I Risk Reduction Standards (RRS). Groundwater samples collected during this investigation indicated that chromium had been delineated to below laboratory detection limits at the Property's boundaries and that the suspected point source[s] were within the main building where the former on-site chrome plating operation was located. In addition to the groundwater and sediment sampling, Type 4 RRS were calculated for chromium (III) & (VI) in the groundwater during the second investigation.

### **1.3.3 SM&E Third Investigation – January 28, 2010**

On January 28, 2010, SM&E conducted a third investigation to vertically and horizontally delineate the chromium (III) & (VI) groundwater contamination in the area of the former chrome plating operation located within the main building on the Property. Soil borings were advanced using direct push technology and groundwater samples were collected from each boring. Boring locations were selected based on information from SM&E's first and second investigations conducted in August and September 2009. A truck mounted direct-push drill rig was used to advance soil borings to intersect the groundwater table. No soil samples were collected during this investigation. Fourteen groundwater samples were collected for laboratory analysis. Analytical results from the third investigation indicated that dissolved chromium (III) and (VI) are present in the groundwater at concentrations that exceed HSRA NCs and Type I RRS. Additionally, chromium (VI) is present in the groundwater at concentrations that exceed HSRA Type 4 RRS. Additionally, boring locations from the third investigation horizontally delineated groundwater contamination identified beneath the main building where the former chrome plating operations was located.

### **1.3.4 SM&E Fourth Investigation – March 9, 2010**

On March 9, 2010, SM&E conducted a fourth investigation to vertically delineate groundwater contamination and remove storm water and waste from the Sump located adjacent to the main building. One, two-inch monitoring well was installed to 55 feet below land surface (ft-bls) in the approximate center of the groundwater contamination plume. A groundwater sample was collected from the well and analyzed for RCRA metals and pH using the appropriate EPA Methods. Laboratory results indicated that no chromium contaminants were detected in the groundwater sample exceeding Type I or 4 RRS.

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Additionally, during this investigation, SM&E contracted with Eagle SWS (SWS) to enter, inspect, and remove waste and storm water from the western Sump. Information related to the SWS remediation is included in the Corrective Actions Section below.

### **1.3.5 Previous Corrective Actions by SM&E**

On March 9, 2010, SM&E performed oversight on the removal of waste and storm water impacted with metals present in the Sump adjacent to the main building where the former chrome plating operation was located. SM&E contracted with SWS to enter, inspect, and remove waste and storm water from the Sump. SWS removed two, 55-gallon drums of material from the sump. Following the removal of waste and storm water from the sump, SWS inspected the floor of the Sump for any cracks or failures. No cracks or failures were identified. With the removal of all waste and storm water from the Sump and confirmation of the integrity of the Sump floor, the western Sump could not be considered a point source for contamination in the groundwater plume under the building.

Additionally, FNBNC requested that SM&E undertake calculations to predict the future environmental implications of the contaminant plume emanating from beneath the main building where the former chrome plating operation was located. Accordingly, in May, 2010, SM&E contracted with Environmental Consulting & Technology, Inc. (ECT) to calculate potential chromium migration rates and potential impacts to human and environmental receptors.

### **1.4 Chemicals of Interest**

Based on a review of soil and groundwater analytical data collected during SM&E's environmental investigations performed at the Property, the contaminants of interest include the following:

- Chromium (III)
- Chromium (VI)

### **1.5 Risk Reduction Standards and Property Compliance**

Risk Reduction Standards (RRSs) for groundwater were derived following the procedures specified in Chapter 391-3-19-.07 of the Georgia Department of Natural Resources, HSRA. No Risk Reduction Standards were generated for soil since no contaminants were detected in soils above HSRA NCs or Type I RRS during SM&E's first and second investigations in August and September 2010.

Based on the concentrations detected in soil during SM&E's first and second investigations, the Property is in compliance with Type 1 RRS for soil. Chromium (III) and (VI) concentrations detected in groundwater on the Property are not in compliance with Type 1 RRS for groundwater, with Chromium (VI) exceeding the calculated Type 4 RRS.

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## **2.0 SITE CONCEPTUAL MODEL**

### **2.1 Property Settings**

#### **2.1.1 Property Topography**

The topography of the Property and surrounding areas was reviewed on the USGS 7.5 minute series Cecil Quadrangle Map, 1997 (Figure 1). A review of this map indicates that the Property is positioned at an average elevation of 235 feet above the National Geodetic Vertical Datum. The Property slopes gently in elevation from north to south. Groundwater flow direction follows the topography at the Site. Surface drainage is directed by ditches and natural topographic features on the Property. The surface water drainage across the Property flows from the north toward the south into Morrison Creek at the southern Property boundary. The sheet flow at or near Morrison Creek enters into small earthen ditches and wash outs formed by the storm water then into the creek.

#### **2.1.2 Property Geology**

The Property geology has been investigated by SM&E through the advancement of direct-push soil borings. Soils encountered at the Property were observed to be silty-clays at the ground surface (0-15 ft-bls), red orange, tight, and dry. At depths of 15 to 30 ft-bls, soils consisting of orange, tan, and red firm to medium grained silty-clay, moist and tight, with some foliation and grain size increasing as moisture does at depth. A geologic description of the deep monitoring well is provided on the boring log in the Boring Log Appendix.

#### **2.1.3 Property Hydrogeology**

The surficial aquifer in Cook County, Georgia, consists of unconsolidated clayey sand to sandy clay and is typically under unconfined (water-table conditions). The surficial water bearing zone or the uppermost aquifer was encountered at depths between 7.36 to 10.01 ft-bls. Based on a review of the regional hydrogeology, topographic maps, soil boring logs, and observations, the continuous water bearing zone of the water table aquifer is likely to be present in sandy-silty soils indicative of the upper Southern Coastal Plain Physiographic Province. At the Site the depth to water averaged about 8.5 ft-bls. Site monitoring well and groundwater elevation data is included in Table 1 of the Tables Appendix.

Beneath the surficial aquifer lies a thick confining unit comprised of the silty clay to carbonate strata representing most of the Miocene Series. Lying beneath the confining unit is the Suwannee Formation, the upper most water bearing unit of the Upper Floridan Aquifer (UFA). The potentiometric surface of the UFA is approximately 170 to 180 ft-bls in the vicinity of the Site, or approximately 50 to 60 ft NGVD. The public supply wells in the City of Adel are completed into the UFA. Considering the head difference of over 150 ft between the surficial aquifer and UFA plus the presence of the substantial confining unit, these two aquifers are not considered to be in good hydraulic connection.



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#### **2.1.4 Hydrogeologic Evaluation**

On May 12, 2010, the temporary wells and deep monitoring well was surveyed for top of casing and groundwater elevations. After installation of the deep monitoring well and temporary wells, the top of casing (TOC) elevations for each well was surveyed relative to an arbitrary elevation of 100 ft assigned to SB-27. TOC elevations were recorded in the field log book and a permanent mark was made atop each well casing. The depth to groundwater in each well was then measured from these marks. Groundwater elevations were recorded to the nearest hundredth-of-a-foot using a water level meter.

The groundwater and TOC elevations were compared to assess a relative groundwater flow direction for the Site. Groundwater elevations recorded from temporary monitoring wells SB-27 through SB-37 on May 12, 2010 were used to determine the groundwater flow direction on the Property (Figure 6). As shown on the figure, the flow direction for the surficial aquifer based on the elevations measured for the 11 shallow wells is towards the southwest. This flow direction is consistent with the overall topography of the Property. The average hydraulic gradient for the Property was calculated based on the groundwater elevations recorded in the wells. Using the groundwater elevation data, the average hydraulic gradient for the Property was calculated at 0.012 ft. /ft. as shown below.

$$\text{Average hydraulic gradient} = \frac{h_1 - h_2}{D}$$

where:  $H_1$  = groundwater elevation in upgradient well SB-30 (92.78 ft.)  
 $H_2$  = groundwater elevation in downgradient well SB-36 (90.90 ft.)  
 $d$  = distance between well (155 ft.)

#### **2.2 Source Description**

The Production Anodizing and Aluminum Finishing conducted chrome plating operations at the Site from the late 1960's to the early 1980's. SM&E's first and second investigations (see details below) conducted in August and September 2009 identified metals contamination in a groundwater plume emanating from under the floor slab on the south side of the Main Operations Building near where the former chrome plating operation was located. Based on observations by SM&E personnel during various site walks and follow-up investigations, the contamination was identified as chromium (VI) apparently released during the period of active operations (late 1960's to the early 1980's) as a result of overflows from a concrete-lined catch basin located partially inside/outside the south wall near the production line area of the Main Operations Building (hereinafter referred to as the "Sump").

The Sump is a two-celled rectangular concrete structure reaching down approximately five feet below ground surface; and, as noted, was used to capture overflow liquids from the plating vats and direct them out of the operations area south to the Clarifier and Surface Impoundment. (Figure 3). The eastern/indoor cell of the Sump measures approximately 50 x 100 feet and functioned as a "first catch" basin for spilled liquids, which were collected and then gravity flowed over to the outside or western cell of the Sump. The eastern/indoor

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cell of the Sump could not be inspected as it was filled to ground surface with soil after the plating operations ceased at the Property.

The western cell measures approximately 3 x 50 feet. Process liquids flowing from the eastern/indoor cell collected in the western/outdoor cell and from there flowed out south thru an underground 8-inch PVC pipe to the Clarifier and Surface Impoundment. The placement, purpose and function of the Sump was confirmed in interviews by SM&E with former employees of Production Anodizing and Aluminum Finishing.

The investigations performed by SM&E confirm that the groundwater flow direction at the Property is to the southwest and that the contaminants originate from under the slab of the main building where the former chrome plating operation was located.

## **2.3 SM&E Investigations**

### **2.3.1 SM&E First Investigation – August 3, 2009**

On August 3, 2009, SM&E conducted its first Investigation to assess soil and groundwater conditions at the Property. A truck mounted direct-push drill rig was used to advance soil borings to the groundwater table. The rig is a hydraulically driven sampling system which uses the weight of the vehicle in conjunction with a probe-mounted hammer to advance the drill rods and sampling tubes to the desired depths. Continuous soil samples were collected in five foot long disposable acetate tube liners from each soil boring. Since the soil samples were collected inside the liners, minimal decontamination was required. Decontamination was performed by hand washing with a phosphate-free detergent and potable water followed by a de-ionized or organic-free water rinse. Soil samples were split and field screened for VOCs utilizing a photoionization detector (PID). Soil samples exhibiting the highest VOC concentration above the water table were collected for laboratory analysis. Disposable gloves were worn during sampling and changed between borings and sampling intervals to prevent cross-contamination.

Thirteen soil borings were advanced using direct push technology and groundwater and soil samples were collected from select depths in each boring. Boring locations were selected based on information gathered by SM&E during its review of EPA and GA EPD files relating to the Property and a site walk in May 2009. Temporary wells were installed in each soil borings for the collection of groundwater samples. Each temporary well was constructed using 1-inch diameter, schedule 40 PVC screen and casing. A 10-foot section of 0.010-inch slotted screen was installed at the base of temporary wells and brought to ground surface with solid PVC riser. Additionally, one waste sample was collected from the open end of the Sump located west and adjacent to the building.

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After installation of the wells, groundwater samples were collected utilizing sterile tubing and a peristaltic pump following SESDPROC-301-R1. Soil and groundwater samples were hand delivered to Analytical Environmental Services (AES) of Atlanta, Georgia for metal analysis by EPA Method 6010, Mercury analysis by EPA Method 7471, VOC analysis by EPA Method 8260B, polynuclear aromatic hydrocarbon (PAHs) by EPA Method 8270, and polychlorinated biphenyls (PCBs) by EPA Method 8082.

### **2.3.2 SM&E Second Investigation – September 14, 2009**

On September 14, 2009, SM&E conducted a second investigation. Fifteen soil borings were advanced using direct push technology and groundwater samples were collected from each boring. Boring locations were selected based on information collected during SM&E's first investigation in August 2009. A truck mounted direct-push drill rig was used to advance soil borings to the groundwater table. No soil samples were collected during this investigation; therefore, a pre-probe was used to advance the boring to the desired depth. One sediment sample was collected adjacent to Morrison Creek located along the southern property boundary.

Temporary wells were installed in each soil boring for the collection of the groundwater samples. Each temporary well was constructed using 1-inch diameter, schedule 40 PVC screen and casing. A 10-foot section of 0.010-inch slotted screen was installed at the base of temporary wells and brought to ground surface with solid PVC riser. After installation of the wells, groundwater samples were collected utilizing sterile tubing and a peristaltic pump following SESDPROC-301-R1. A total of thirteen groundwater samples were collected during the second investigation for laboratory analysis. Select groundwater and sediment samples were submitted to AES of Atlanta, Georgia to be analyzed for, pesticides by EPA Method 8081, herbicides by EPA Method 8151, metals, and VOCs.

### **2.3.3 SM&E Third Investigation – January 28, 2010**

On January 28, 2010, SM&E conducted a third Investigation to vertically and horizontally delineate the Chromium (III) & (VI) contamination in the area of the main building where the former chromium plating operation was located. Soil borings were advanced using direct push technology and a groundwater samples were collected from each boring. Boring locations were selected based on information collected during SM&E's first and second investigations conducted in August and September 2009. A truck mounted direct-push drill rig was used to advance soil borings to intersect the groundwater table. No soil samples were collected during this investigation; therefore, a pre-probe was used to advance the boring to the desired depth.

Temporary wells were installed in each soil boring for the collection of the groundwater samples. Each temporary well was constructed using 1-inch diameter, schedule 40 PVC screen and casing. A sand pack was placed in each of the borings to approximately two feet above the screen. Well depths and screen lengths are included on Table 1 in the Tables Appendix. Groundwater samples were collected from each temporary well using a peristaltic pump and sterile tubing. After installation of the wells, groundwater samples were collected utilizing sterile tubing and a peristaltic pump following SESDPROC-301-R1.

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Fourteen groundwater samples were collected for laboratory analysis and submitted to AES of Atlanta, Georgia. Each groundwater sample was analyzed for metals using the appropriate EPA Methods.

#### **2.3.4 SM&E Fourth Investigation & Remediation – March 9, 2010**

On March 9, 2010, SM&E conducted a fourth investigation to vertically delineate groundwater contamination and remove storm water and waste from the western portion of the Sump.

One, two-inch monitoring well was installed to 55 ft-bls in the approximate center of the groundwater contamination plume. The monitoring well was constructed using 2-inch diameter, schedule 40 PVC 0.010-inch slotted screen (5 ft.) and casing (50 ft.). A sand pack was placed in the boring to approximately two feet above the screen (approximately 48 ft-bls). The monitoring well was finished with a flush concrete pad and steel vault. The well depth and screen lengths are included on Table 1 in the Tables Appendix. A groundwater sample was collected from the monitoring well using a peristaltic pump and sterile tubing and analyzed for metals using the appropriate EPA Methods. Laboratory results indicated that no chromium contaminants were detected in the groundwater sample exceeding Type 1 or 4 RRS.

Additionally, during the fourth investigation, SM&E contracted with SWS to enter, inspect, and remove waste and storm water from the western portion of the Sump. Information related to the SWS remediation is included in the Corrective Actions Section below.

### **2.4 Risk Reduction Standards**

#### **2.4.1 Soil**

No contaminants were detected in soils above HSRA NCs or Type I RRS during SM&E's first and second investigations conducted in August and September 2009. Note, one sample labeled SS-2 was collected as a waste sample from the Sump with metal concentrations exceeding RRS. The sample was designated as a waste sample from the former operation and subsequently remediated. No soil samples were collected during the third and fourth investigations conducted in January and March 2010.

#### **2.4.2 Groundwater**

Analytical results for groundwater samples collected by SM&E in August and September 2009 and January and March 2010 identified metals at concentrations that exceeded their respective HSRA NCs in groundwater. Dissolved metal concentrations that exceeded their respective background and HSRA NCs include chromium (III) and (VI).

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Type 4 RRS calculations were performed following the procedures specified in Chapter 391-3-19-.07 of the Georgia Department of Natural Resources, HSRA and are included in the Risk Reduction Standard Calculations Appendix. Additionally, the dissolved chromium (III) and (VI) concentrations were compared to the Type I RRS obtained from Chapter 391-3-19-.07 HSRA. A comparison of the laboratory results and their respective RRS are shown below.

#### **RRS for Groundwater**

Constituent	Highest Concentration Detected (mg/L)	Type I RRS (mg/L)	Type 4 RRS (mg/L)
Chromium (III)	1.26	0.1	153
Chromium (VI)	28.6	0.1	0.31

*As shown in the table above, chromium (VI) is above the Type 4 RRS established for groundwater.*

## **2.5 Exposure Pathways**

### **2.5.1 Environmental Receptors**

#### ***Protected Species***

SM&E reviewed information and data compiled by the Georgia Natural Heritage Program (GNHP) for Cook County, Georgia, to identify sensitive wildlife receptors or protected species near the Property. The information reviewed indicated that endangered wildlife receptors residing in the vicinity of the Property may include animals such as the Bachman's Sparrow, Bald Eagle, Spotted Turtle, Alabama Shad and the Metallic shiner. SM&E concluded that, due to the lack of surficial soil contamination and the distance of contaminated groundwater from the nearest surface water receptor, exposure to wildlife receptors is unlikely. Protected plant life may include the Parrot and Hooded Pitcher Plant, Silky Camilla, and Purple Honeycomb Head.

Based on visual inspections, SM&E has concluded that, due to the fact that the Property has been utilized for industrial purposes for over five decades, and, that most of the surface areas are covered by buildings, greenhouses, and parking lots there are no protected plants present on the Property.

#### ***Wetlands and Surface Water Bodies***

In December 2009 SM&E performed a windshield reconnaissance and field survey to identify nearby surface water bodies. The nearest surface water body is Morrison Creek located along the southern Property boundary. The creek is located approximately 720 feet downgradient and south of the main building where the former chrome plating operation was located.



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A review of a National Wetland Inventory (NWI) Map for Adel, Georgia, prepared by the U.S. Fish and Wildlife Service, indicates that a wetland is present on the southern portion of the Property adjacent to Morrison Creek. The wetland is described as a Palustrine System wetland in the Emergent class, persistent subclass, semi-permanently flooded.

### **2.5.2 Potential Human Receptors**

As noted, the Property is an industrial facility, and its anticipated future human receptors are limited to future facility workers and site development personnel. The most likely human receptors include contractors, property maintenance personnel, grading and paving contractors, and underground utility workers. The most probable exposure pathways would be through dermal contact with contaminants present within the shallow groundwater when building a foundation or basement construction, pylon installation or the installation of a water well. It is not expected that soil contact with contaminants will occur as soil sampling results indicate that contaminants are not present. Ingestion of contaminants is possible through the consumption of groundwater should the on-site water well be utilized for drinking water. Although not required, the water well located on the Property will be closed according to GA EPD Water Well Standards as the Property is served by a public water supply system.

### **2.5.3 Water Well Usage**

The Property is located in an industrial area of Adel, Georgia. A water well survey was performed in November 2009 by SM&E personnel. The survey included a review of the GA EPD databases, the USGS database, and a windshield reconnaissance survey. During a windshield reconnaissance and field survey, several drinking water wells were identified within the applicable radius. Two water wells were identified on the Property presumably used by the recent greenhouse farming operations and water supply for the offices. Operation and construction details of the wells are unknown.

The nearest off site residential water wells were located approximately 490 and 988 feet southwest and downgradient of the Property along Lewis Felt Lane. During the reconnaissance, a public water well was identified along Industrial Parkway, approximately 1,500 feet northeast and upgradient of the Property. Personnel with the City of Adel confirmed that the subject well was publicly owned and that it supplies drinking water to the southern portion of the City of Adel. The well is reportedly cased to 229 feet below ground surface.

A USGS database review revealed twelve wells listed within the applicable radius. SM&E conducted a review of GA EPD's files to identify public and private wells within a two mile radius of the Property. Seven wells were identified in the USGS database; and one new well was located by SM&E. Water wells identified in the surveys are included on Figure 7 in the Figures Appendix.

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## **2.6 Completed Remedial Activities**

### **2.6.1 Dipping Vats and Equipment Removal**

SM&E interviews with former employees of Production Anodizing and Aluminum Finishing confirmed that the Dipping Vats were removed along with other processing equipment when the chromium plating operation in the main building was shut down in the early 1980's. The area where the Dipping Vats were located, referred to as the western Sump in the operations area, has been backfill with soil. Further, SM&E inspected the surrounding floor area where the Dipping Vats were located for any cracks or failures. No cracks or failures were identified. It appears that after removal of the equipment and dipping vats, a concrete liner (Sump) used to contain the vats was left in place. The depth of this concrete liner is approximately 5 ft-bls with concrete walls. The liner was discovered during soil testing in several areas above in the former Sump area when the drilling equipment could not penetrate the concrete liner.

### **2.6.2 Clarifier Remediation – 2006 & 2007**

On July 16, 2001, United States Environmental Protection Agency - Region 4 (EPA) issued a consent order to Production Anodizing and D&H Farms, LLC, for clean-up of the former chromium conversion coating operation at the facility. A large outdoor clarifier containing F006 hazardous waste sludge and several containers of electroplating waste remained on the site after Production Anodizing ceased operation. D & H Farms prepared an IM work plan as required in 2003 proposing to remove and dispose of all liquid and sludge hazardous wastes from the full conversion coating tank and the clarifier tank located onsite and complete a risk based clean closure within forty six (46) weeks from the date of IM work plan approval. GEPA approved the work plan on January 30, 2003.

On May 17, 2005, EPA issued a Notice of Violation for non-compliance of the consent order. In response, in 2006 D&H Farms, the solidified sludge was removed from the clarifier tank and shipped to a permitted hazardous waste disposal facility. The clarifier tank was decontaminated, dismantled, and disposed of as scrap.

In 2007, the slab under the clarifier tank was assessed for contamination, crushed and shipped to a landfill. Chemical analysis of the fill under the slab indicated the presence of arsenic contamination. The arsenic-contaminated fill was excavated and shipped to a landfill. The results of the clean-up were included in a Phase (III) Environmental Site Clean-up Report submitted April 10, 2007 (Attached). On May 30, 2007, GA EPD responded to the report with comments. In response to the comments, a revised Corrective Measures report was submitted to GA EPD on June 14, 2007. GA EPD approved the Corrective Measures report on June 15, 2007 stating that no further corrective action was warranted.

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### **2.6.3 Waste Removal in the Sump - 2010**

On March 09, 2010, SM&E conducted oversight on the removal of metals impacted waste and storm water from the Sump located adjacent to the main operations area. SM&E contracted with SWS to enter, inspect, and remove waste and storm water from the Sump. SWS removed two, 55-gallon drums of material from the Sump using shovels. Prior to disposal, a sample of the waste and storm water was submitted to Analytical Environmental Laboratories of Jacksonville, Florida for laboratory analysis of TCLP of the 8 RCRA metals. Laboratory results indicated that the waste and storm water was not hazardous. The waste was transported to Greenleaf Treatment Services, LLC of Macon, Georgia and properly disposed. The laboratory report for the waste characterization and a disposal manifest is included in Waste Disposal manifest and laboratory Report Appendix. Following the removal of the waste, SWS visually inspected the floor of the western Sump for any cracks or failures. No cracks or failures were identified. With the removal of all metals impacted waste and storm water from the Sump and confirmation of the integrity of the Sump floor, the western Sump is no longer considered a potential point source for contamination in the groundwater contamination plume.

### **2.6.4 Groundwater Contaminants Migration Estimates**

Although remediation of contamination in groundwater is not a prerequisite for the granting of a Brownfields Limitation of Liability, FNBNC, requested that SM&E undertake calculations to predict the future environmental implications of the contaminant plume emanating from beneath the main building where the former chrome plating operation was located. Additionally, the calculations for the on-site groundwater impacts were prepared in anticipation for entering into the Voluntary Remediation Program. Accordingly, in May, 2010, SM&E contracted with Environmental Consulting & Technology, Inc. (ECT) to calculate the potential on-site migration rate of chromium in groundwater.

Based on ECT's calculations as found in ECT's October 2010 report, the dissolved chromium contamination will not migrate more than 350-400 feet downgradient of the source plume. Therefore, this plume should not pose a threat to any human or environmental receptors. The local water supply well identified upgradient of the source area is completed beneath the thick confining unit (140 -180 foot thick) and into the UFA. Considering the slow rate of vertical migration and thick confining unit, the supply well completed into this lower aquifer should not be at risk from this contamination.

## **2.7 Proposed Corrective Actions**

Based on the analytical results of SM&E's four investigations, no further corrective action activities are proposed for the property. Although not required, the water wells located on the Property will be closed according to GA EPD Water Well Standards as the Property is served by a public water system. The on-site water wells were utilized by the former on-site industrial operations and the administrative offices and are currently not in use.

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### **3.0 PROJECTED SCHEDULE & COST**

#### **3.1 Projected Schedule**

No new or additional remediation is recommended for this property; therefore, a projected schedule is not applicable.

#### **3.2 Projected Cost**

No new or additional remediation is recommended for this property; therefore, a projected cost is not applicable.

#### **3.3 Projected Closure**

Upon approval of the completed remedial activities, SM&E will submit to Georgia EPD a CSR establishing that the remedial activities were completed per the site's VRP Application and certify that the property is in compliance with appropriate remedial standards.

#### **3.4 Professional Geologists Costs**

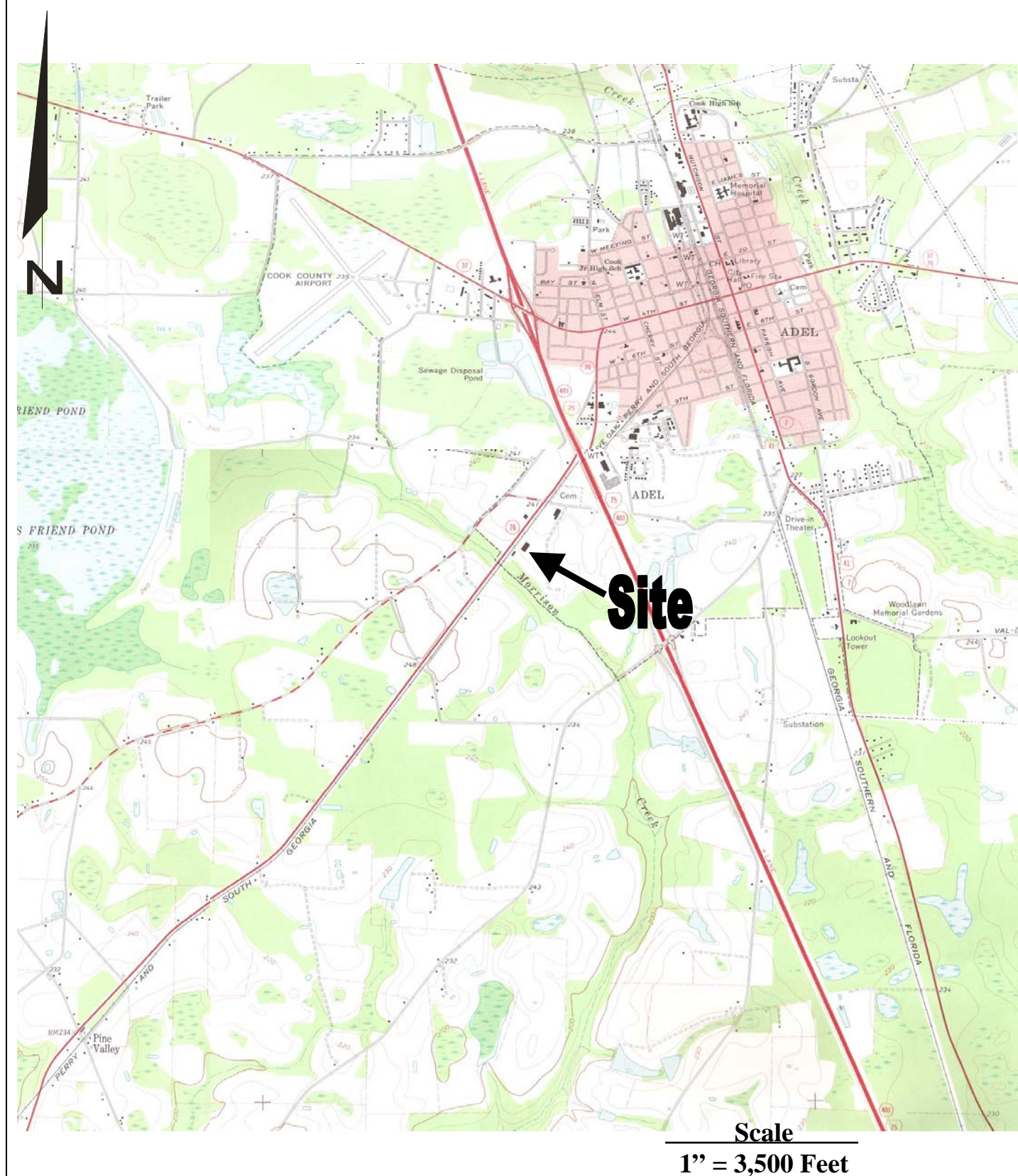
No new or additional remediation is recommended for this property; therefore, a projected cost is not applicable.

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## 4.0 REFERENCES

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- Environmental Audit and Assessment, Inc., *Phase III Environmental Site Clean-Up*, April 10, 2007.
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- Tanner, J.D., et al, *Geologic Map of Georgia*, Department of Natural Resources, Geologic and Water Resources Division, Georgia Geologic Survey, 1976.
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- U.S. Fish and Wildlife Service, National Wetlands Inventory, Map Center.

## Figures

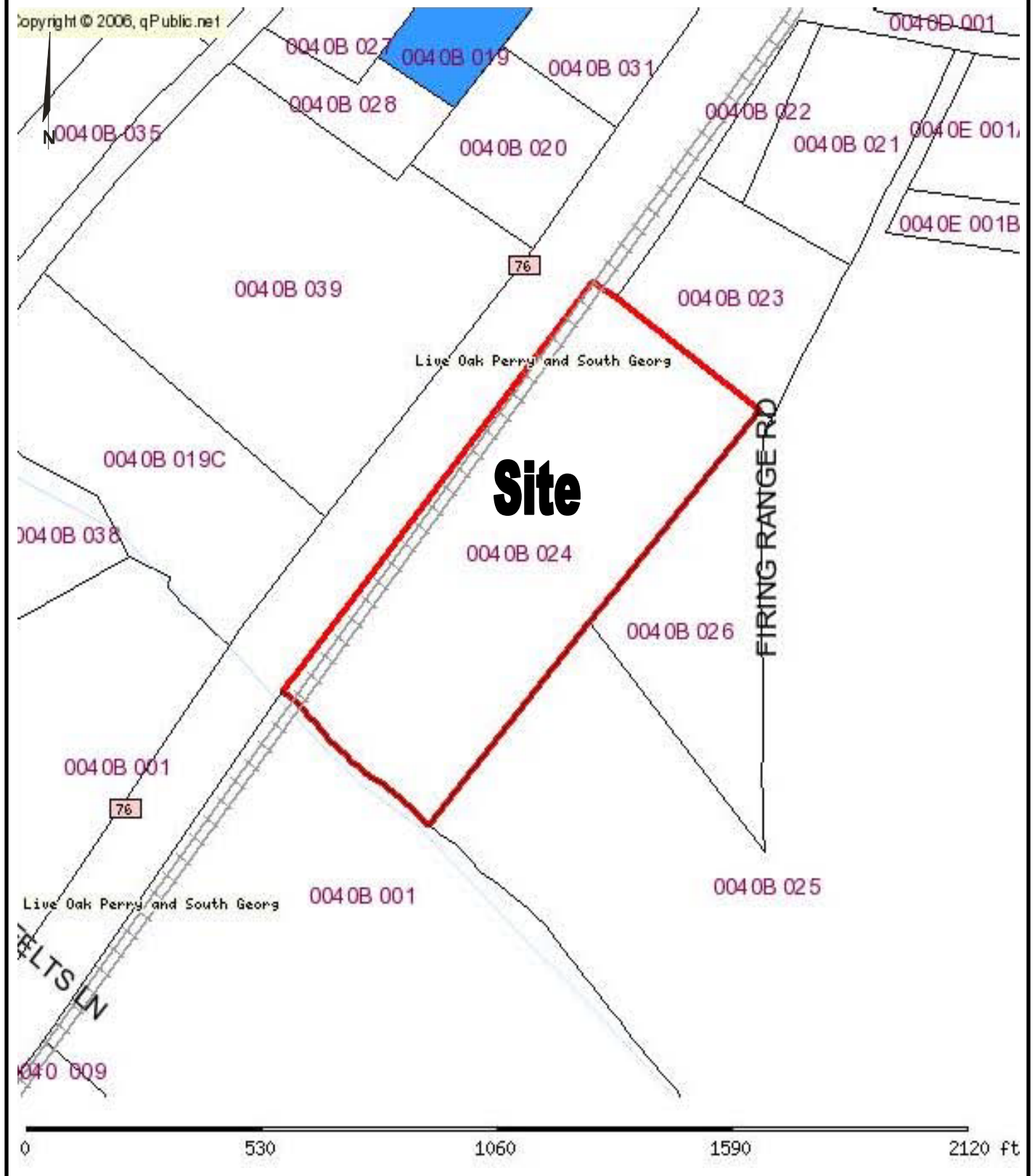


**FIGURE 1**  
**TOPOGRAPHIC MAP**



**Former D & H Farms**  
**1490 Industrial Blvd.**  
**Adel, GA**





**FIGURE 2  
TAX PLAT**

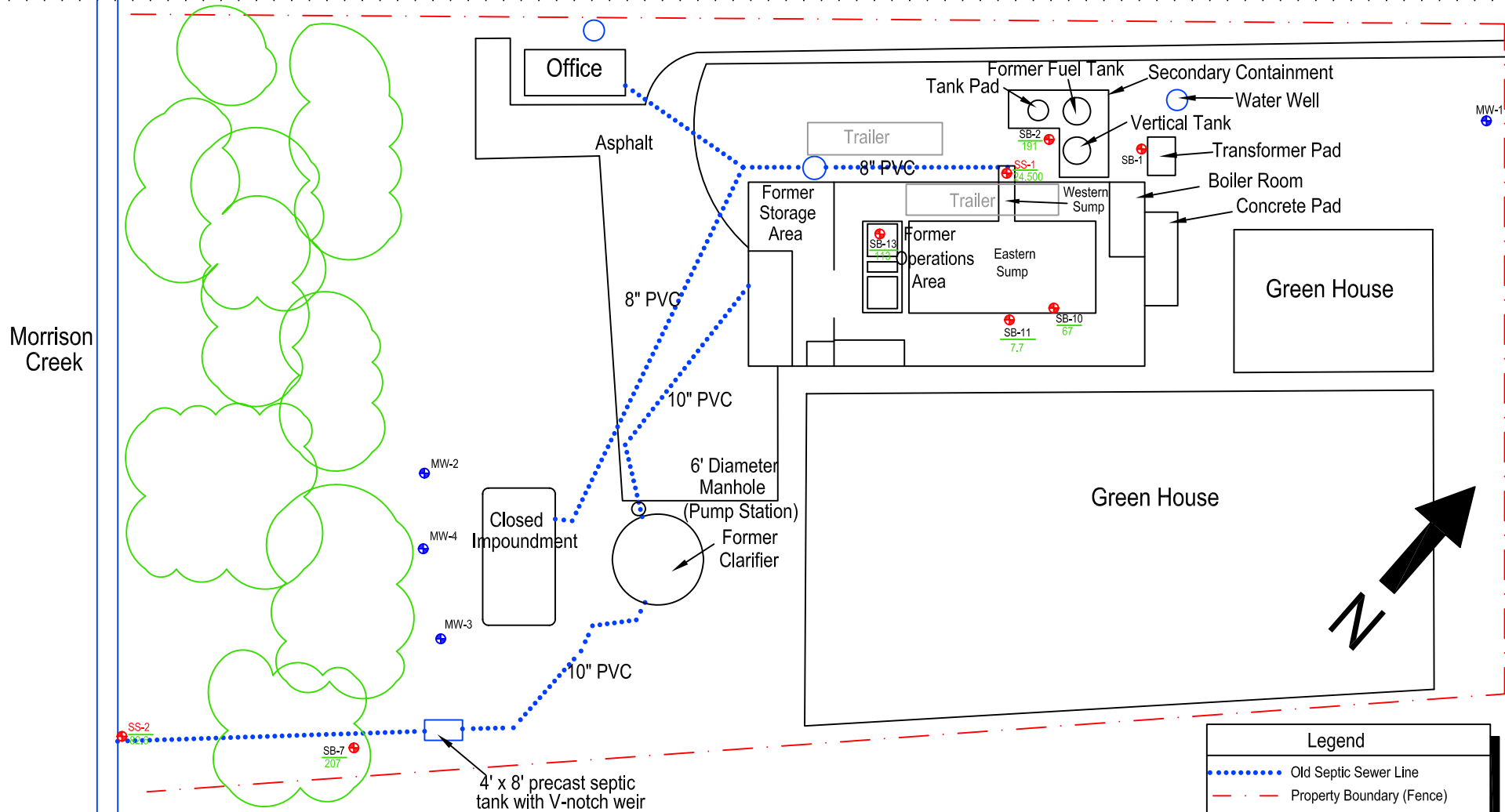


**Former D & H Farms  
1460 Industrial Blvd.  
Adel, Georgia**



GA Highway 76

Southern Railroad



Chromium Concentrations  
in Soil & Sediment  
(August & September 2009)

Former D & H Farms Facility  
Adel, Georgia

Date 5/17/2010  
Prepared By: KLM  
Filename:  
Sheet No:  
Figure No:

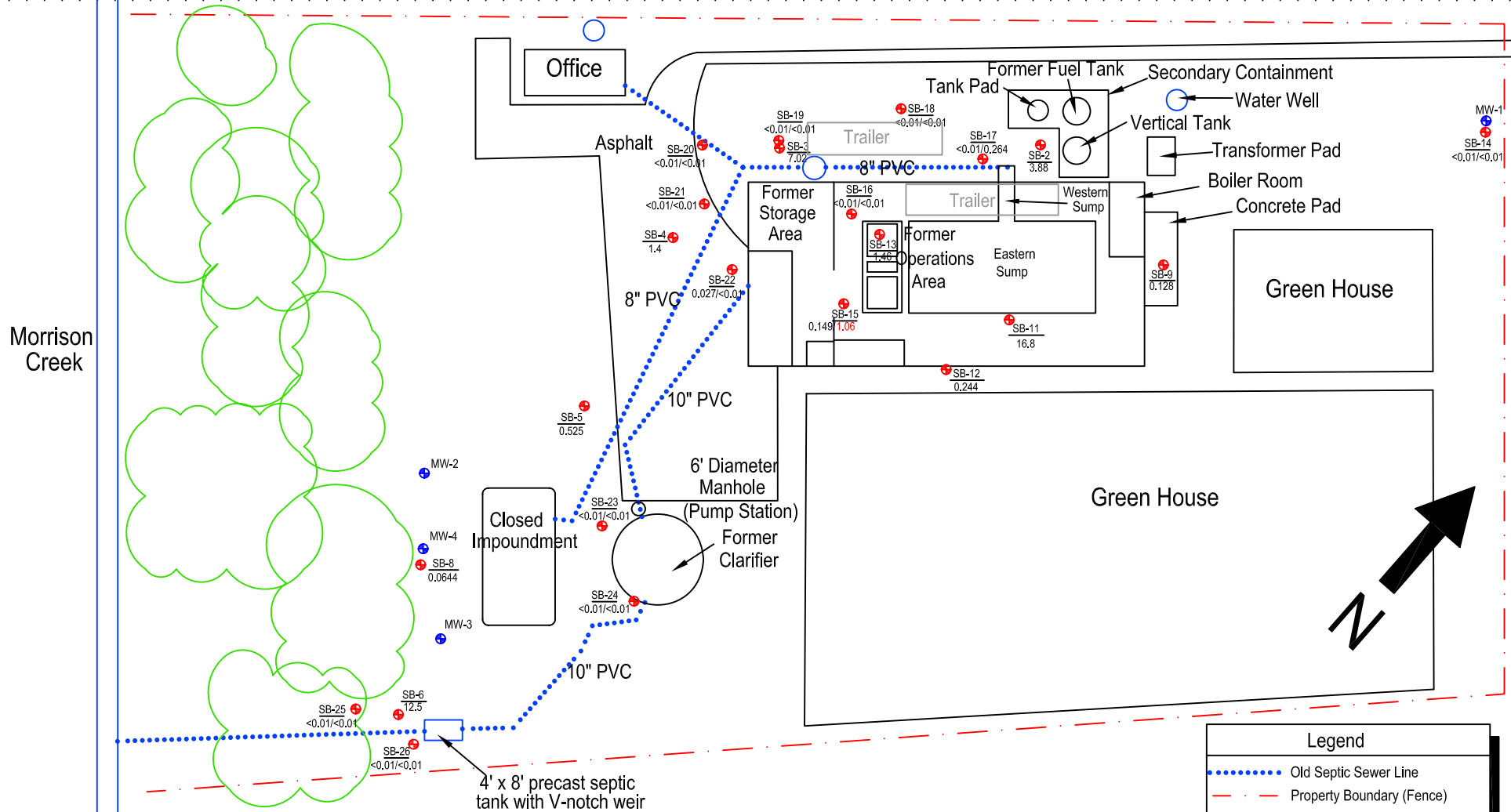
3



Legend	
<span style="color: blue;">.....</span>	Old Septic Sewer Line
<span style="color: red;">- - - - -</span>	Property Boundary (Fence)
<span style="color: red;">⊕</span>	Piezometer
<span style="color: blue;">⊕</span>	Monitoring Well
<span style="color: green;">SB-13 11.2</span>	Chromium Concentration in Soil (mg/kg)
<span style="color: red;">SS-2 82.6</span>	Chromium Concentration in Sediment (mg/kg)

GA Highway 76

Southern Railroad



Morrison Creek

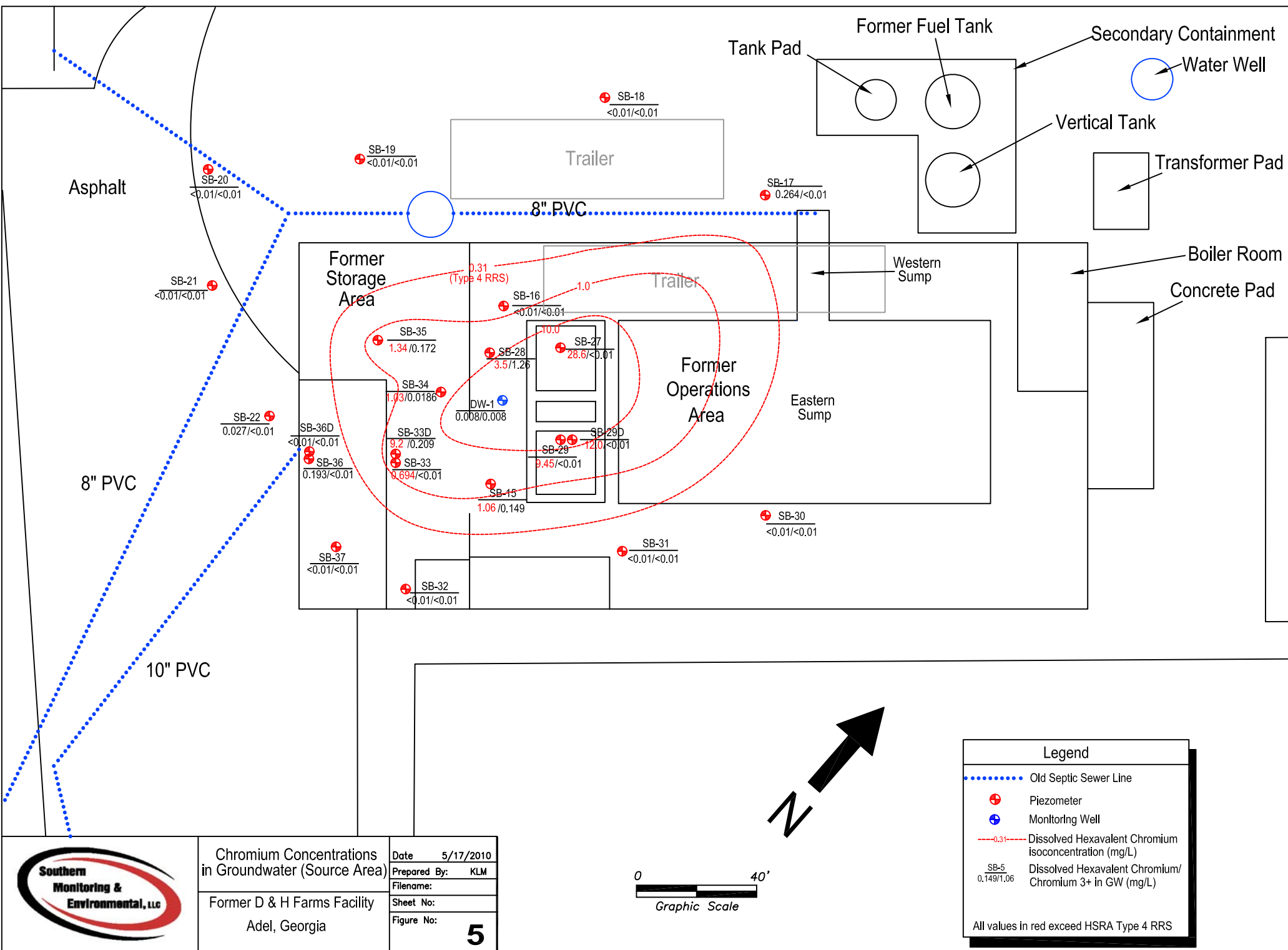


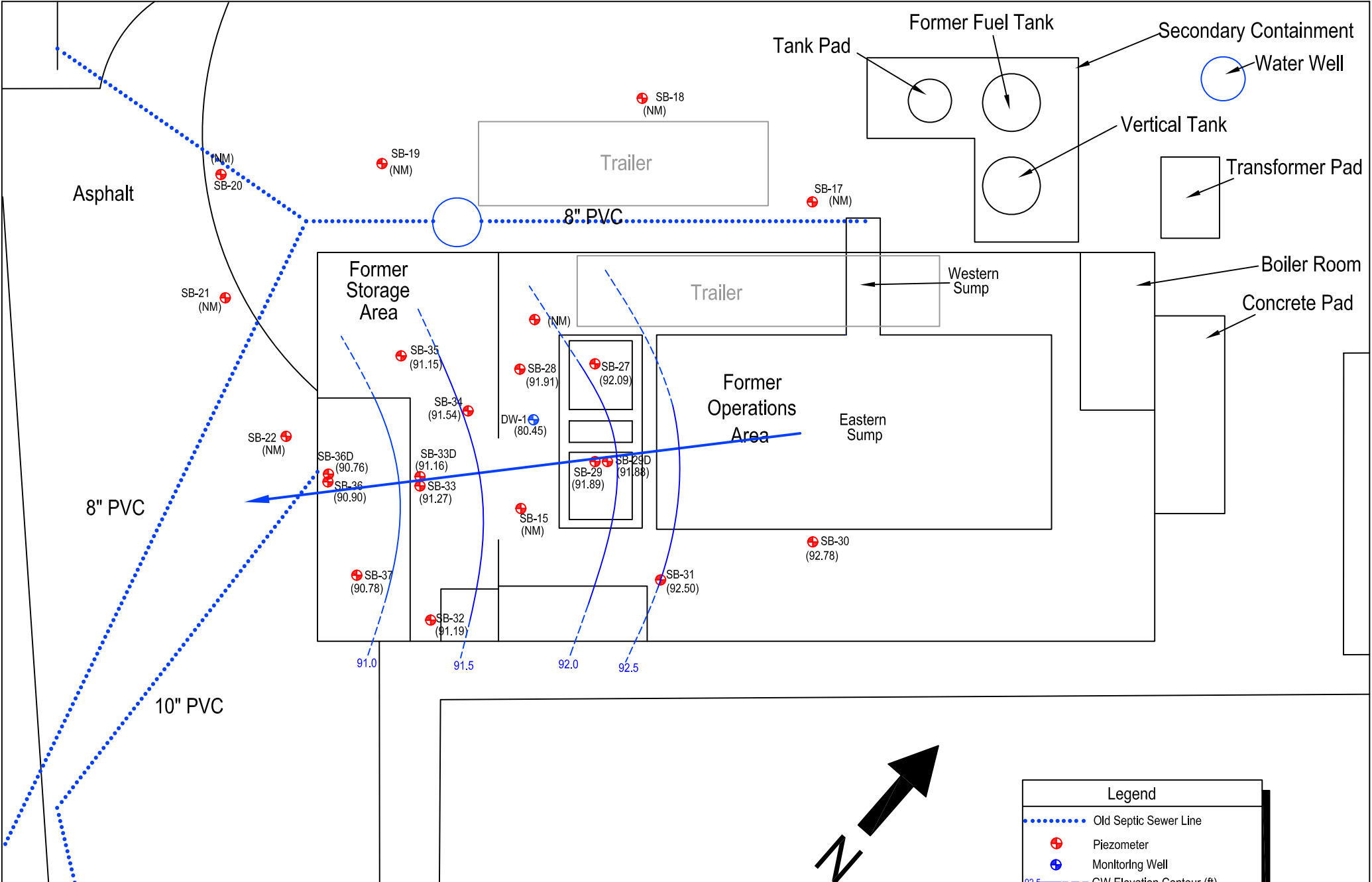
Chromium Concentrations  
in Groundwater  
(August & September 2009)  
Former D & H Farms Facility  
Adel, Georgia

Date 5/17/2010  
Prepared By: KLM  
Filename:  
Sheet No:  
Figure No: 4



Legend	
<span style="color: blue;">.....</span>	Old Septic Sewer Line
<span style="color: red;">---</span>	Property Boundary (Fence)
<span style="color: red;">+</span>	Piezometer
<span style="color: blue;">+</span>	Monitoring Well
SB-5 0.149/1.06	Dissolved Hexavalent Chromium/ Chromium 3+ in GW (mg/L)
SB-2 3.88	Total Chromium Concentration (mg/L)
All dissolved values in red exceed HSRA Type 4 RRS	

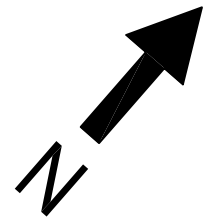




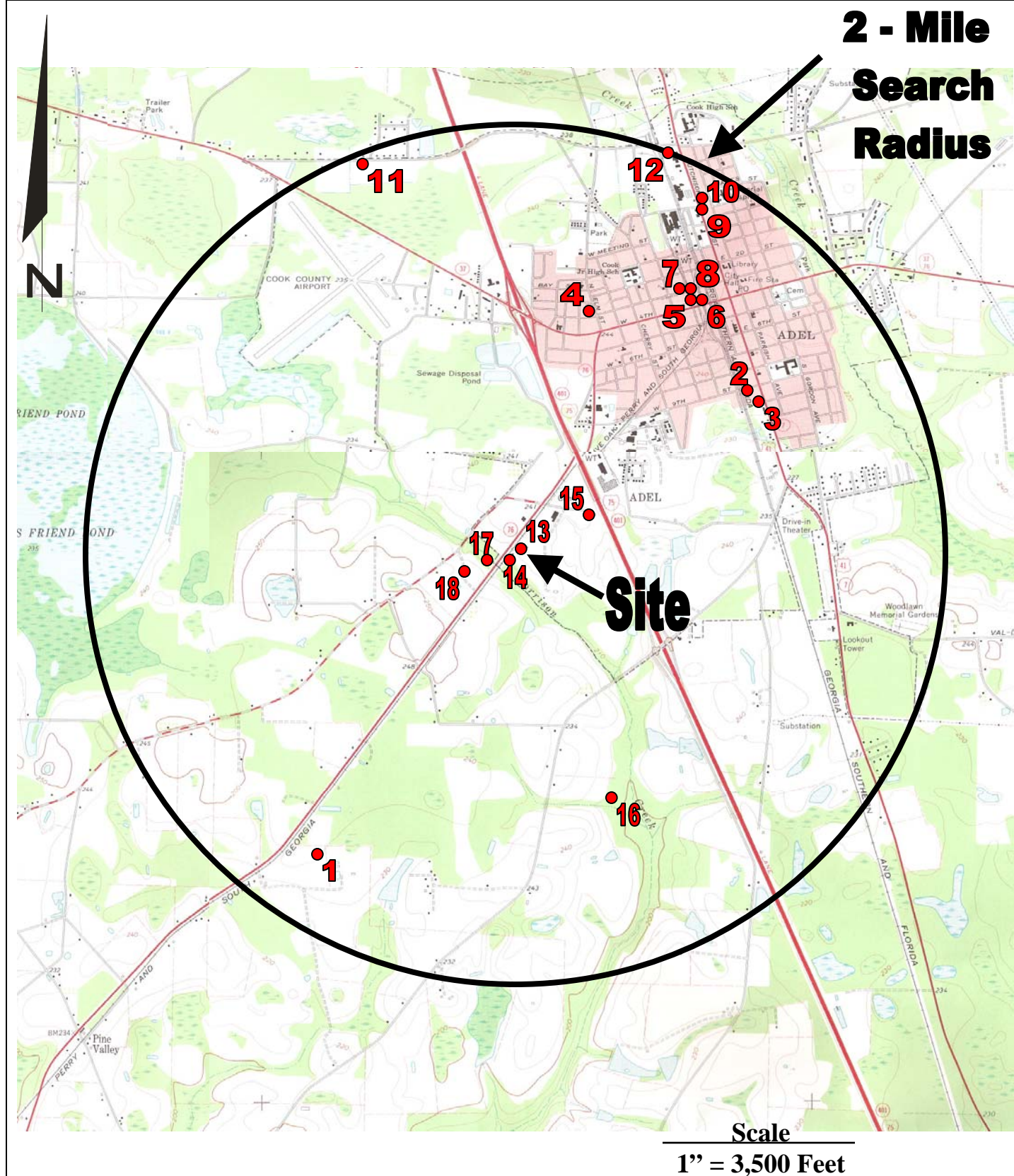
Potentiometric Map  
(May 12, 2010)

Former D & H Farms Facility  
Adel, Georgia

Date	5/17/2010
Prepared By:	KLM
Filename:	
Sheet No:	
Figure No:	6



Legend	
	Old Septic Sewer Line
	Piezometer
	Monitoring Well
	GW Elevation Contour (ft)
	Estimated Groundwater Flow Direction
(92.78)	Groundwater Elevation (ft)
(NM)	Not Measured



**FIGURE 7**  
**WELL LOCATION MAP**



**Former D & H Farms**  
**1490 Industrial Blvd.**  
**Adel, GA**

## Tables



**Former D & H Farms**  
1490 Industrial Blvd.  
Adel, Georgia

Table 1: Groundwater Elevations

Well Number	Date Measured	Top of casing Elev. (ft)	Depth of Screen Interval (ft)	Water Depth (ft)	Corrected Groundwater Elevation (ft)
SB-27	5/12/2010	100.00	5-10	7.91	92.09
SB-28	5/12/2010	100.60	7-17	8.69	91.91
SB-29	5/12/2010	100.80	7-17	8.91	91.89
SB-29D	5/12/2010	100.36	16.5-21.5	8.48	91.88
SB-30	5/12/2010	100.14	6-16	7.36	92.78
SB-31	5/12/2010	100.32	6.5-16.5	7.82	92.50
SB-32	5/12/2010	101.10	9.5-24.5	9.91	91.19
SB-33	5/12/2010	100.58	7-17	9.31	91.27
SB-33D	5/12/2010	101.37	24-29	10.21	91.16
SB-34	5/12/2010	101.25	9.5-19.5	9.71	91.54
SB-35	5/12/2010	100.34	6.5-16.5	9.19	91.15
SB-36	5/12/2010	99.94	6-16	9.04	90.90
SB-36D	5/12/2010	100.80	25-30	10.04	90.76
SB-37	5/12/2010	100.79	10-20	10.01	90.78
DW-1	5/12/2010	99.21	50-55	18.76	80.45

**Former D & H Farms**  
1490 Industrial Blvd.  
Adel, Georgia

Table 2: Soil Analytical Results - Total Metals

Well Number	Date Sampled	Depth (ft)	Antimony (mg/kg)	Arsenic (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Zinc (mg/kg)	Mercury (mg/kg)
SB-2	8/3/09	8	ND	ND	ND	ND	191	20.5	6.63	ND	ND	ND	ND	7.2	ND
SB-7	8/3/09	8	ND	ND	ND	ND	207	15.9	12	ND	ND	ND	ND	32.8	ND
SB-10	8/3/09	8	ND	ND	ND	ND	67	6.92	ND	ND	ND	ND	ND	149	ND
SB-11	8/3/09	8	ND	ND	ND	ND	7.7	ND	ND	ND	ND	ND	ND	ND	ND
SB-13	8/3/09	8	ND	ND	ND	ND	113	ND	ND	ND	ND	ND	ND	ND	ND
HSRA Release Notification			10	41	3	39	1,200	1,500	400	420	36	10	10	2,800	17
HSRA Type 1 RRS			4	20	2	2	100	100	75	50	2	2	2	100	0.5

Notes:

mg/kg = milligrams per kilogram

RRS = Risk Reduction Standards

HSRA NC = Hazardous Site Response Act Notification Concentrations



**Former D & H Farms**  
1490 Industrial Blvd.  
Adel, Georgia

Table 3: Sediment Analytical Results - Total Metals

Well Number	Date Sampled	Antimony (mg/kg)	Arsenic (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Zinc (mg/kg)	Mercury (mg/kg)
SS-1	8/3/09	<b>332</b>	<b>77.7</b>	ND	ND	<b>24,500</b>	650	243	171	ND	ND	ND	<b>6,330</b>	ND
SS-2	8/3/09	ND	ND	ND	ND	82.60	ND	ND	ND	ND	ND	ND	ND	ND
HSRA Release Notification		10	41	3	39	1,200	1,500	400	420	36	10	10	2,800	17
HSRA Type 1 RRS		4	20	2	2	100	100	75	50	2	2	2	100	0.5

Notes:

mg/kg = milligrams per kilogram

RRS = Risk Reduction Standards

HSRA NC = Hazardous Site Response Act Notification Concentrations

**Former D & H Farms**  
1490 Industrial Blvd.  
Adel, Georgia

Table 4: Groundwater Analytical Results-Chromium

Well Number	Date Sampled	Total		Dissolved	
		Chromium (III) (mg/L)	Chromium (VI) (mg/L)	Chromium (III) (mg/L)	Chromium (VI) (mg/L)
SB-14	9/14/09	<0.01	<0.01	<0.01	<0.01
SB-15	9/14/09	0.3870	1.2100	0.1490	<b>1.06</b>
SB-16	9/14/09	0.0136	<0.05	<0.01	<0.01
SB-17	9/14/09	0.1470	0.2840	<0.01	0.264
SB-18	9/14/09	<0.01	<0.01	<0.01	<0.01
SB-19	9/14/09	0.0215	<0.01	<0.01	<0.01
SB-20	9/14/09	<0.01	<0.01	<0.01	<0.01
SB-21	9/14/09	<0.01	<0.01	<0.01	<0.01
SB-22	9/14/09	0.0702	<0.01	0.0270	<0.01
SB-23	9/14/09	<0.01	<0.01	<0.01	<0.01
SB-24	9/14/09	<0.01	<0.01	<0.01	<0.01
SB-25	9/14/09	0.0180	<0.01	<0.01	<0.01
SB-26	9/14/09	0.0365	<0.01	<0.01	<0.01
SB-27	1/28/10	NS	NS	<0.01	<b>28.6</b>
SB-28	1/28/10	NS	NS	1.26	<b>3.5</b>
SB-29	1/28/10	NS	NS	<0.01	<b>9.45</b>
SB-29D	1/28/10	NS	NS	<0.01	<b>12.0</b>
SB-30	1/28/10	NS	NS	<0.01	<0.01
SB-31	1/28/10	NS	NS	<0.01	<0.01
SB-32	1/28/10	NS	NS	<0.01	<0.01
SB-33	1/28/10	NS	NS	<0.01	<b>0.694</b>
SB-33D	1/28/10	NS	NS	0.209	<b>9.2</b>
SB-34	1/28/10	NS	NS	0.0186	<b>1.03</b>
SB-35	1/28/10	NS	NS	0.1720	<b>1.34</b>
SB-36	1/28/10	NS	NS	<0.01	0.193
SB-36D	1/28/10	NS	NS	<0.01	<0.01
SB-37	1/28/10	NS	NS	<0.01	<0.01
DW-1	3/16/10	0.01	0.01	0.008	0.008
HSRA NC		0.01	0.01	0.01	0.01
HSRA Type I RRS		NA	NA	0.1	0.1
HSRA Type 4 RRS		NA	NA	153	0.31

Notes:

mg/L = milligrams per Liter

RRS = Risk Reduction Standards

HSRA NC = Hazardous Site Response Act Notification Concentrations.

\*Notification Concentrations are background levels detected in SB-14

**Former D & H Farms**  
1490 Industrial Blvd.  
Adel, Georgia

Table 5a: Groundwater Analytical Results- Total Metals

Well Number	Date Sampled	Antimony (mg/L)	Arsenic (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Lead (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Zinc (mg/L)	Mercury (mg/L)
SB-2	8/3/09	ND	ND	ND	ND	<b>3.88</b>	0.539	0.0904	0.0517	ND	ND	ND	0.336	0.00022
SB-3	8/3/09	ND	ND	ND	ND	<b>7.02</b>	0.291	<b>0.908</b>	0.182	ND	ND	ND	0.68	0.00105
SB-4	8/3/09	ND	ND	ND	ND	<b>1.4000</b>	0.0555	0.337	0.0792	ND	ND	ND	0.167	ND
SB-5	8/3/09	ND	ND	ND	0.0159	<b>0.525</b>	0.0596	0.302	0.0916	ND	ND	ND	0.133	ND
SB-6	8/3/09	ND	ND	ND	0.0338	<b>12.5</b>	1.3	0.151	0.617	ND	ND	ND	0.769	ND
SB-8	8/3/09	ND	ND	ND	ND	0.0644	ND	ND	ND	ND	ND	ND	ND	ND
SB-9	8/3/09	ND	ND	ND	ND	<b>0.128</b>	0.0283	ND	ND	ND	ND	ND	0.0418	ND
SB-11	8/3/09	ND	ND	0.0171	ND	<b>16.8</b>	0.622	<b>0.684</b>	0.571	ND	ND	ND	1.49	0.00261
SB-12	8/3/09	ND	ND	ND	ND	<b>0.244</b>	0.0475	<b>0.0286</b>	0.0502	ND	ND	ND	0.455	ND
SB-13	8/3/09	ND	ND	ND	ND	<b>1.46</b>	0.11	<b>0.0405</b>	0.0952	ND	ND	ND	0.134	ND
SB-14*	9/14/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-15	9/14/09	-	-	-	-	<b>1.4100</b>	-	ND	-	-	-	-	-	-
SB-16	9/14/09	-	-	-	-	0.0163	-	ND	-	-	-	-	-	-
SB-17	9/14/09	-	-	-	-	<b>0.4320</b>	-	ND	-	-	-	-	-	-
SB-18	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-19	9/14/09	-	-	-	-	0.0215	-	ND	-	-	-	-	-	-
SB-20	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-21	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-22	9/14/09	-	-	-	-	0.0702	-	ND	-	-	-	-	-	-
SB-23	9/14/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-24	9/14/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-25	9/14/09	-	-	-	-	0.0180	-	ND	-	-	-	-	-	-
SB-26	9/14/09	-	-	-	-	0.0365	-	<b>0.0162</b>	-	-	-	-	-	-
DW-1	3/16/10	-	ND	-	ND	0.0100	-	<b>ND</b>	-	ND	ND	-	-	ND
HSRA Type 1 RRS		0.0060	0.0500	0.0040	0.0050	0.1000	1.3	0.015	0.1000	0.0500	0.1000	0.0020	2.0000	0.0020
HSRA Type 4 RRS		NC	NC	0.2040	0.0511	**153/0.31	NC	0.015	2.04	NC	NC	NC	NC	NC

Notes:

- = not analyzed

mg/L = milligrams per liter

\*Notification Concentrations are the levels detected in SB-14 (background)

\*\*Chromium calculations were performed for Chromium III and VI.

RRS = Risk Reduction Standards

HSRA NC = Hazardous Site Response Act Notification Concentrations.

**Former D & H Farms**

1490 Industrial Blvd.

Adel, Georgia

Table 5b: Groundwater Analytical Results- Dissolved Metals

Well Number	Date Sampled	Antimony (mg/L)	Arsenic (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Lead (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Thallium (mg/L)	Zinc (mg/L)	Mercury (mg/L)
SB-14	9/14/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-15	9/14/09	-	-	-	-	1.21	-	ND	-	-	-	-	-	-
SB-16	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-17	9/14/09	-	-	-	-	0.166	-	ND	-	-	-	-	-	-
SB-18	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-19	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-20	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-21	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-22	9/14/09	-	-	-	-	0.0270	-	ND	-	-	-	-	-	-
SB-23	9/14/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-24	9/14/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-25	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
SB-26	9/14/09	-	-	-	-	ND	-	ND	-	-	-	-	-	-
DW-1	3/16/10	-	ND	-	ND	0.0080	-	ND	-	ND	ND	-	-	ND
HSRA Type 1 RRS		0.0060	0.0500	0.0040	0.0050	0.1000	1.3	0.015	0.1000	0.0500	0.1000	0.0020	2.0000	0.0020
HSRA Type 4 RRS		NC	NC	0.2040	0.0511	**153/0.31	NC	0.015	2.04	NC	NC	NC	NC	NC

Notes:

- = not analyzed

mg/L = milligrams per liter

\*Notification Concentrations are the levels detected in SB-14 (background)

\*\*Chromium calculations were performed for Chromium III and VI.

RRS = Risk Reduction Standards

HSRA NC = Hazardous Site Response Act Notification Concentrations.

## **Analytical Reports**



## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 11, 2009

Ken Moore  
Southern Monitoring and Environmental, LLC  
2955 Seven Pines Ln  
#106  
Atlanta, GA 30339  
TEL: (770) 653-4891  
FAX:

RE: Adel

Order No.: 0908149

Dear Ken Moore:

Analytical Environmental Services, Inc. received 18 samples on 8/4/2009 4:50:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/09.

These results relate only to the items tested. This report may only be reproduced in full and contains 42 total pages (including cover letter).

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

Sincerely,

  
James Forrest

Project Manager



COMPANY:		ADDRESS:						
Southern Monitoring & Env.		2955 Seven Pines Ln #106 Atlanta, GA 30339						
PHONE:		FAX:						
770-653-4891								
SAMPLED BY:		SIGNATURE:						
Kenneth Moore								
#	SAMPLE ID	SAMPLED		DATE	TIME	Grab	Composite	Matrix (See codes)
1	SB-1			8/3	9:00	/		S
2	SB-2				9:15	-		S
3	SB-2				10:00	/		GW
4	SB-3				10:30	/		GW
5	SB-4				10:45	/		GW
6	SB-5				11:05	/		GW
7	SB-6				11:25	/		GW
8	SB-7				11:50	/		S
9	SB-8				13:00	/		GW
10	SB-1				13:15	/		SE
11	SB-9				13:30	/		GW
12	SB-10				14:25	/		S
13	SB-11				14:30	/		S
14	SB-12				15:15	/		GW
RELINQUISHED BY		RECEIVED BY		DATE/TIME				
				8/4 9:35				
				8/4/07 4:50				
				8/4/07 4:50				
SPECIAL INSTRUCTIONS/COMMENTS:								
SHIPMENT METHOD OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL CARRIER GREYHOUND OTHER								
M.J.W - 8/4/07 4:50								

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

GW = Groundwater    A = Air    SE = Sediment    SO = Soil    SW = Surface Water    W = Water (Blanks)    WW = Waste Water  
 H+I = Hydrochloric acid + ice    I = Ice only    N = Nitric acid    S+I = Sulfuric acid + ice    S/M+I = Sodium Bisulfate/Methanol + ice    NA = None  
 PRESERVATIVE CODES:    O = Other (specify)

White Copy - Original; Yellow Copy - Client

COMPANY		ADDRESS		ANALYSIS REQUESTED		REMARKS		No. of Containers	
Southern Monitoring & Env.		2955 Seven Pines Ln #106 Atlanta, GA 30339		Vocs (8260) Metals		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.			
PHONE		FAX		PRESERVATION (See codes)		REMARKS			
770-653-4891									
SAMPLED BY		SIGNATURE		DATE		TIME		Matrix	
Kenneth Moore		[Signature]		8/3		15:45		S	
SAMPLE ID		DATE		TIME		Grab		Composite	
1 SB-13		8/3		15:45		✓		✓	
2 SB-11		8/3		16:00		✓		GW	
3 SB-13		8/3		16:30		✓		GW	
4 Trip blanks								W	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION	
KJH		8/4 9:35		KJH		8/4/09 2:50		PROJECT NAME Adel	
3		8/4/09 4:50		M.J.		8/4/09 4:50		PROJECT #	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		SITE ADDRESS		SEND REPORT TO		Turnaround Time Request	
		OUT / / VIA		Adel, GA		KJH		Standard 5 Business Days	
		IN / / VIA						2 Business Day Rush	
		CLIENT FedEx UPS MAIL CARRIER						Next Business Day Rush	
		GREYHOUND OTHER						Same Day Rush (auth req.)	
								Other	
								STATE PROGRAM (if any)	
								E-mail? Y / N, Fax? Y / N	
								DATA PACKAGE I II III IV	
								TOTAL # of Containers	
								RECEIPT	
								8	
								Turnaround Time Request	
								Standard 5 Business Days	
								2 Business Day Rush	
								Next Business Day Rush	
								Same Day Rush (auth req.)	
								Other	
								STATE PROGRAM (if any)	
								E-mail? Y / N, Fax? Y / N	
								DATA PACKAGE I II III IV	
								TOTAL # of Containers	
								RECEIPT	
								8	
								Turnaround Time Request	
								Standard 5 Business Days	
								2 Business Day Rush	
								Next Business Day Rush	
								Same Day Rush (auth req.)	
								Other	
								STATE PROGRAM (if any)	
								E-mail? Y / N, Fax? Y / N	
								DATA PACKAGE I II III IV	
								TOTAL # of Containers	
								RECEIPT	
								8	
								Turnaround Time Request	
								Standard 5 Business Days	
								2 Business Day Rush	
								Next Business Day Rush	
								Same Day Rush (auth req.)	
								Other	
								STATE PROGRAM (if any)	
								E-mail? Y / N, Fax? Y / N	
								DATA PACKAGE I II III IV	
								TOTAL # of Containers	
								RECEIPT	
								8	
								Turnaround Time Request	
								Standard 5 Business Days	
								2 Business Day Rush	
								Next Business Day Rush	
								Same Day Rush (auth req.)	
								Other	
								STATE PROGRAM (if any)	
								E-mail? Y / N, Fax? Y / N	
								DATA PACKAGE I II III IV	
								TOTAL # of Containers	
								RECEIPT	
								8	
								Turnaround Time Request	

A = Air  
 GW = Groundwater  
 H+1 = Hydrochloric acid + ice  
 SE = Sediment  
 SO = Soil  
 SW = Surface Water  
 W = Water (Blanks)  
 DW = Drinking Water (Blanks)  
 S+1 = Sulfuric acid + ice  
 N = Nitric acid  
 S/M+1 = Sodium Bisulfate/Methanol + ice  
 O = Other (specify)  
 O = Other (specify)  
 O = Other (specify)  
 NA = None

White Copy - Original; Yellow Copy - Client



Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Southern Monitoring Work Order Number 0908149  
Checklist completed by W. S. Date 8/4/09  
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? ( $4^{\circ}\text{C} \pm 2$ )\* Yes ☒ No ☐

Cooler #1 4.1°C 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 AS

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.

\\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample\_Cooler\_Receipt\_Checklist

---

**CLIENT:** Southern Monitoring and Environmental, L

**Project:** Adel

**Lab Order:** 0908149

**CASE NARRATIVE**

---

**Sample Receiving Nonconformance:**

Sample 0908149-016B as received did not meet method specified pH range for the requested test method. No attempt to further adjust the pH was made due to sample matrix.

**Metals Analysis by Method 6010B:**

Due to sample matrix, sample 0908149-010C required dilution during analysis resulting in elevated reporting limits.

Due to sample matrix, samples 0908149-003B, 004B, 005B, 006B, 007B, 014B, 016B, and 017B required dilution for thallium during analysis resulting in elevated reporting limits.

8/10/09 9:37p.m. Per Ken Moore, via phone, samples require PP Metals.

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-001

**Client Sample ID:** SB-1  
**Collection Date:** 8/3/2009 9:00:00 AM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>POLYCHLORINATED BIPHENYLS</b>	<b>SW8082A</b>				<b>(SW3550C)</b>		Analyst: <b>KDD</b>
Aroclor 1016	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Aroclor 1221	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Aroclor 1232	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Aroclor 1242	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Aroclor 1248	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Aroclor 1254	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Aroclor 1260	BRL	36		ug/Kg-dry	116566	1	8/6/2009 6:21 PM
Surr: Decachlorobiphenyl	93.5	27.8-158		%REC	116566	1	8/6/2009 6:21 PM
Surr: Tetrachloro-m-xylene	78.6	19.4-142		%REC	116566	1	8/6/2009 6:21 PM
<b>PERCENT MOISTURE</b>	<b>D2216</b>						Analyst: <b>MAS</b>
Percent Moisture	8.24	0		wt%		1	8/7/2009 12:00 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-002

**Client Sample ID:** SB-2  
**Collection Date:** 8/3/2009 9:15:00 AM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>POLYCHLORINATED BIPHENYLS SW8082A (SW3550C) Analyst: KDD</b>							
Aroclor 1016	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Aroclor 1221	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Aroclor 1232	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Aroclor 1242	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Aroclor 1248	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Aroclor 1254	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Aroclor 1260	BRL	54		ug/Kg-dry	116566	1	8/6/2009 2:26 PM
Surr: Decachlorobiphenyl	126	27.8-158		%REC	116566	1	8/6/2009 2:26 PM
Surr: Tetrachloro-m-xylene	69.8	19.4-142		%REC	116566	1	8/6/2009 2:26 PM
<b>METALS, TOTAL SW6010C (SW3050B) Analyst: TAA</b>							
Antimony	BRL	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Arsenic	BRL	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Beryllium	BRL	3.21		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Cadmium	BRL	3.21		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Chromium	191	3.21		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Copper	20.5	3.21		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Lead	6.63	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Nickel	BRL	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Selenium	BRL	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Silver	BRL	3.21		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Thallium	BRL	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
Zinc	7.20	6.42		mg/Kg-dry	116584	1	8/6/2009 5:36 PM
<b>TOTAL MERCURY SW7471A (SW7471) Analyst: JY</b>							
Mercury	BRL	0.158		mg/Kg-dry	116564	1	8/5/2009 1:10 PM
<b>POLYAROMATIC HYDROCARBONS SW8270D (SW3550C) Analyst: NE</b>							
Naphthalene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Acenaphthylene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
1-Methylnaphthalene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
2-Methylnaphthalene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Acenaphthene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Fluorene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Phenanthrene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Anthracene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Fluoranthene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Pyrene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Benz(a)anthracene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Chrysene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Benzo(b)fluoranthene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-002

**Client Sample ID:** SB-2  
**Collection Date:** 8/3/2009 9:15:00 AM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>POLYAROMATIC HYDROCARBONS</b>	<b>SW8270D</b>				<b>(SW3550C)</b>		<b>Analyst: NE</b>
Benzo(k)fluoranthene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Benzo(a)pyrene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Dibenz(a,h)anthracene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Benzo(g,h,i)perylene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Indeno(1,2,3-cd)pyrene	BRL	0.53		mg/Kg-dry	116632	1	8/7/2009 2:11 PM
Surr: 2-Fluorobiphenyl	72.6	53.9-120		%REC	116632	1	8/7/2009 2:11 PM
Surr: 4-Terphenyl-d14	83.5	54.9-126		%REC	116632	1	8/7/2009 2:11 PM
Surr: Nitrobenzene-d5	75.2	37.9-120		%REC	116632	1	8/7/2009 2:11 PM
<b>TCL VOLATILE ORGANICS</b>	<b>SW8260B</b>				<b>(SW5035)</b>		<b>Analyst: JE</b>
1,1,1-Trichloroethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,1,2,2-Tetrachloroethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,1,2-Trichloroethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,1-Dichloroethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,1-Dichloroethene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,2,4-Trichlorobenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,2-Dibromo-3-chloropropane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,2-Dibromoethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,2-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,2-Dichloroethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,2-Dichloropropane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,3-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
1,4-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
2-Butanone	BRL	0.044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
2-Hexanone	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
4-Methyl-2-pentanone	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Acetone	BRL	0.088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Benzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Bromodichloromethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Bromoform	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Bromomethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Carbon disulfide	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Carbon tetrachloride	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Chlorobenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Chloroethane	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Chloroform	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Chloromethane	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
cis-1,2-Dichloroethene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
cis-1,3-Dichloropropene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Cyclohexane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-002

**Client Sample ID:** SB-2  
**Collection Date:** 8/3/2009 9:15:00 AM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>				<b>(SW5035)</b>		<b>Analyst: JE</b>	
Dibromochloromethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Dichlorodifluoromethane	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Ethylbenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Freon-113	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Isopropylbenzene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
m,p-Xylene	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Methyl acetate	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Methyl tert-butyl ether	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Methylcyclohexane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Methylene chloride	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
o-Xylene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Styrene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Tetrachloroethene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Toluene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
trans-1,2-Dichloroethene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
trans-1,3-Dichloropropene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Trichloroethene	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Trichlorofluoromethane	BRL	0.0044		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Vinyl chloride	BRL	0.0088		mg/Kg-dry	116727	1	8/6/2009 7:47 PM
Surr: 4-Bromofluorobenzene	101	53.1-130		%REC	116727	1	8/6/2009 7:47 PM
Surr: Dibromofluoromethane	99.0	61.4-159		%REC	116727	1	8/6/2009 7:47 PM
Surr: Toluene-d8	96.1	69.9-123		%REC	116727	1	8/6/2009 7:47 PM
<b>PERCENT MOISTURE D2216</b>				<b>Analyst: MAS</b>			
Percent Moisture	38.3	0		wt%		1	8/7/2009 12:00 PM

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

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-003

**Client Sample ID:** SB-2  
**Collection Date:** 8/3/2009 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>POLYCHLORINATED BIPHENYLS SW8082A (SW3510B) Analyst: KDD</b>							
Aroclor 1016	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Aroclor 1221	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Aroclor 1232	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Aroclor 1242	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Aroclor 1248	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Aroclor 1254	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Aroclor 1260	BRL	0.50		ug/L	116675	1	8/10/2009 1:28 PM
Surr: Decachlorobiphenyl	68.8	10-137		%REC	116675	1	8/10/2009 1:28 PM
Surr: Tetrachloro-m-xylene	79.7	16.3-126		%REC	116675	1	8/10/2009 1:28 PM
<b>METALS, TOTAL SW6010C (SW3010A) Analyst: MAW</b>							
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:02 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:02 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:02 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:02 PM
Chromium	3.88	0.0100		mg/L	116630	1	8/6/2009 4:02 PM
Copper	0.539	0.0100		mg/L	116630	1	8/6/2009 4:02 PM
Lead	0.0904	0.0100		mg/L	116630	1	8/6/2009 4:02 PM
Nickel	0.0517	0.0200		mg/L	116630	1	8/6/2009 4:02 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:02 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:02 PM
Thallium	BRL	0.0400		mg/L	116630	2	8/11/2009 9:21 AM
Zinc	0.336	0.0200		mg/L	116630	1	8/6/2009 4:02 PM
<b>MERCURY, TOTAL SW7470A (SW7470) Analyst: JY</b>							
Mercury	0.00022	0.00020		mg/L	116596	1	8/5/2009 5:08 PM
<b>POLYAROMATIC HYDROCARBONS SW8270D (SW3535A) Analyst: NE</b>							
Naphthalene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Acenaphthylene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
1-Methylnaphthalene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
2-Methylnaphthalene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Acenaphthene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Fluorene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Phenanthrene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Anthracene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Fluoranthene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Pyrene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Benz(a)anthracene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Chrysene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Benzo(b)fluoranthene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-003

**Client Sample ID:** SB-2  
**Collection Date:** 8/3/2009 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>POLYAROMATIC HYDROCARBONS</b>	<b>SW8270D</b>				<b>(SW3535A)</b>		<b>Analyst: NE</b>
Benzo(k)fluoranthene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Benzo(a)pyrene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Dibenz(a,h)anthracene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Benzo(g,h,i)perylene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	116617	1	8/6/2009 10:50 PM
Surr: Nitrobenzene-d5	81.2	25.9-124		%REC	116617	1	8/6/2009 10:50 PM
Surr: 2-Fluorobiphenyl	72.0	42.2-116		%REC	116617	1	8/6/2009 10:50 PM
Surr: 4-Terphenyl-d14	83.3	56.7-143		%REC	116617	1	8/6/2009 10:50 PM
<b>TCL VOLATILE ORGANICS</b>	<b>SW8260B</b>				<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 7:47 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 7:47 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value



**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-003

**Client Sample ID:** SB-2  
**Collection Date:** 8/3/2009 10:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 7:47 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:47 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 7:47 PM
Surr: 4-Bromofluorobenzene	94.6	61.3-128		%REC	116762	1	8/7/2009 7:47 PM
Surr: Dibromofluoromethane	99.9	67.8-130		%REC	116762	1	8/7/2009 7:47 PM
Surr: Toluene-d8	95.7	70.6-121		%REC	116762	1	8/7/2009 7:47 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
BRL Below Reporting Limit  
H Holding times for preparation or analysis exceeded  
N Analyte not NELAC certified  
B Analyte detected in the associated Method Blank  
> Greater than Result value

E Estimated (Value above quantitation range)  
S Spike Recovery outside limits due to matrix  
Narr See Case Narrative  
NC Not Confirmed  
< Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-004

**Client Sample ID:** SB-3  
**Collection Date:** 8/3/2009 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:07 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:07 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:07 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:07 PM
Chromium	7.02	0.0100		mg/L	116630	1	8/6/2009 4:07 PM
Copper	0.291	0.0100		mg/L	116630	1	8/6/2009 4:07 PM
Lead	0.908	0.0100		mg/L	116630	1	8/6/2009 4:07 PM
Nickel	0.182	0.0200		mg/L	116630	1	8/6/2009 4:07 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:07 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:07 PM
Thallium	BRL	0.200		mg/L	116630	10	8/11/2009 9:31 AM
Zinc	0.680	0.0200		mg/L	116630	1	8/6/2009 4:07 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	0.00105	0.00020		mg/L	116596	1	8/5/2009 5:10 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 2:03 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 2:03 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-004

**Client Sample ID:** SB-3  
**Collection Date:** 8/3/2009 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: <b>GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 2:03 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 2:03 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 2:03 PM
Surr: 4-Bromofluorobenzene	93.2	61.3-128		%REC	116762	1	8/7/2009 2:03 PM
Surr: Dibromofluoromethane	102	67.8-130		%REC	116762	1	8/7/2009 2:03 PM
Surr: Toluene-d8	94.8	70.6-121		%REC	116762	1	8/7/2009 2:03 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-005

**Client Sample ID:** SB-4  
**Collection Date:** 8/3/2009 10:45:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:10 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:10 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:10 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:10 PM
Chromium	1.40	0.0100		mg/L	116630	1	8/6/2009 4:10 PM
Copper	0.0555	0.0100		mg/L	116630	1	8/6/2009 4:10 PM
Lead	0.337	0.0100		mg/L	116630	1	8/6/2009 4:10 PM
Nickel	0.0792	0.0200		mg/L	116630	1	8/6/2009 4:10 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:10 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:10 PM
Thallium	BRL	0.0400		mg/L	116630	2	8/11/2009 9:34 AM
Zinc	0.167	0.0200		mg/L	116630	1	8/6/2009 4:10 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:12 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 9:13 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 9:13 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-005

**Client Sample ID:** SB-4  
**Collection Date:** 8/3/2009 10:45:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 9:13 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:13 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 9:13 PM
Surr: 4-Bromofluorobenzene	90.6	61.3-128		%REC	116762	1	8/7/2009 9:13 PM
Surr: Dibromofluoromethane	99.8	67.8-130		%REC	116762	1	8/7/2009 9:13 PM
Surr: Toluene-d8	93.8	70.6-121		%REC	116762	1	8/7/2009 9:13 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-006

**Client Sample ID:** SB-5  
**Collection Date:** 8/3/2009 11:05:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:14 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:14 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:14 PM
Cadmium	0.0159	0.0050		mg/L	116630	1	8/6/2009 4:14 PM
Chromium	0.525	0.0100		mg/L	116630	1	8/6/2009 4:14 PM
Copper	0.0596	0.0100		mg/L	116630	1	8/6/2009 4:14 PM
Lead	0.302	0.0100		mg/L	116630	1	8/6/2009 4:14 PM
Nickel	0.0916	0.0200		mg/L	116630	1	8/6/2009 4:14 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:14 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:14 PM
Thallium	BRL	0.0400		mg/L	116630	2	8/11/2009 9:38 AM
Zinc	0.133	0.0200		mg/L	116630	1	8/6/2009 4:14 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:14 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 10:10 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 10:10 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-006

**Client Sample ID:** SB-5  
**Collection Date:** 8/3/2009 11:05:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: <b>GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 10:10 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:10 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 10:10 PM
Surr: 4-Bromofluorobenzene	92.2	61.3-128		%REC	116762	1	8/7/2009 10:10 PM
Surr: Dibromofluoromethane	102	67.8-130		%REC	116762	1	8/7/2009 10:10 PM
Surr: Toluene-d8	96.5	70.6-121		%REC	116762	1	8/7/2009 10:10 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-007

**Client Sample ID:** SB-6  
**Collection Date:** 8/3/2009 11:25:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:18 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:18 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:18 PM
Cadmium	0.0338	0.0050		mg/L	116630	1	8/6/2009 4:18 PM
Chromium	12.5	0.0100		mg/L	116630	1	8/6/2009 4:18 PM
Copper	1.30	0.0100		mg/L	116630	1	8/6/2009 4:18 PM
Lead	0.151	0.0100		mg/L	116630	1	8/6/2009 4:18 PM
Nickel	0.617	0.0200		mg/L	116630	1	8/6/2009 4:18 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:18 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:18 PM
Thallium	BRL	0.0400		mg/L	116630	2	8/11/2009 9:41 AM
Zinc	0.769	0.0200		mg/L	116630	1	8/6/2009 4:18 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:16 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 10:39 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 10:39 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value



# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-007

**Client Sample ID:** SB-6  
**Collection Date:** 8/3/2009 11:25:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>				<b>(SW5030B)</b>		Analyst: <b>GKK</b>	
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 10:39 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 10:39 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 10:39 PM
Surr: 4-Bromofluorobenzene	90.7	61.3-128		%REC	116762	1	8/7/2009 10:39 PM
Surr: Dibromofluoromethane	100	67.8-130		%REC	116762	1	8/7/2009 10:39 PM
Surr: Toluene-d8	94.4	70.6-121		%REC	116762	1	8/7/2009 10:39 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-008

**Client Sample ID:** SB-7  
**Collection Date:** 8/3/2009 11:50:00 AM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>		<b>Analyst: TAA</b>
Antimony	BRL	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Arsenic	BRL	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Beryllium	BRL	3.81		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Cadmium	BRL	3.81		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Chromium	207	3.81		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Copper	15.9	3.81		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Lead	12.0	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Nickel	BRL	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Selenium	BRL	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Silver	BRL	3.81		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Thallium	BRL	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
Zinc	32.8	7.62		mg/Kg-dry	116584	1	8/6/2009 5:40 PM
<b>TOTAL MERCURY SW7471A</b>					<b>(SW7471)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.166		mg/Kg-dry	116564	1	8/5/2009 1:16 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		<b>Analyst: JE</b>
1,1,1-Trichloroethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,1,2,2-Tetrachloroethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,1,2-Trichloroethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,1-Dichloroethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,1-Dichloroethene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,2,4-Trichlorobenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,2-Dibromo-3-chloropropane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,2-Dibromoethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,2-Dichlorobenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,2-Dichloroethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,2-Dichloropropane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,3-Dichlorobenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
1,4-Dichlorobenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
2-Butanone	BRL	0.036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
2-Hexanone	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
4-Methyl-2-pentanone	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Acetone	BRL	0.071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Benzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Bromodichloromethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Bromoform	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Bromomethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Carbon disulfide	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Carbon tetrachloride	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Chlorobenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-008

**Client Sample ID:** SB-7  
**Collection Date:** 8/3/2009 11:50:00 AM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>				<b>(SW5035)</b>		<b>Analyst: JE</b>	
Chloroethane	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Chloroform	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Chloromethane	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
cis-1,2-Dichloroethene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
cis-1,3-Dichloropropene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Cyclohexane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Dibromochloromethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Dichlorodifluoromethane	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Ethylbenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Freon-113	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Isopropylbenzene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
m,p-Xylene	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Methyl acetate	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Methyl tert-butyl ether	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Methylcyclohexane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Methylene chloride	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
o-Xylene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Styrene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Tetrachloroethene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Toluene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
trans-1,2-Dichloroethene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
trans-1,3-Dichloropropene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Trichloroethene	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Trichlorofluoromethane	BRL	0.0036		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Vinyl chloride	BRL	0.0071		mg/Kg-dry	116727	1	8/6/2009 8:12 PM
Surr: 4-Bromofluorobenzene	80.8	53.1-130		%REC	116727	1	8/6/2009 8:12 PM
Surr: Dibromofluoromethane	103	61.4-159		%REC	116727	1	8/6/2009 8:12 PM
Surr: Toluene-d8	93.0	69.9-123		%REC	116727	1	8/6/2009 8:12 PM
<b>PERCENT MOISTURE D2216</b>				<b>Analyst: MAS</b>			
Percent Moisture	40.8	0		wt%		1	8/7/2009 12:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

E	Estimated (Value above quantitation range)
S	Spike Recovery outside limits due to matrix
Narr	See Case Narrative
NC	Not Confirmed
<	Less than Result value

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-009

**Client Sample ID:** SB-8  
**Collection Date:** 8/3/2009 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:28 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:28 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:28 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:28 PM
Chromium	0.0644	0.0100		mg/L	116630	1	8/6/2009 4:28 PM
Copper	BRL	0.0100		mg/L	116630	1	8/6/2009 4:28 PM
Lead	BRL	0.0100		mg/L	116630	1	8/6/2009 4:28 PM
Nickel	BRL	0.0200		mg/L	116630	1	8/6/2009 4:28 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:28 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:28 PM
Thallium	BRL	0.0200		mg/L	116630	1	8/11/2009 9:05 AM
Zinc	BRL	0.0200		mg/L	116630	1	8/6/2009 4:28 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:18 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 9:41 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 9:41 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM

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

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-009

**Client Sample ID:** SB-8  
**Collection Date:** 8/3/2009 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 9:41 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 9:41 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 9:41 PM
Surr: 4-Bromofluorobenzene	93.0	61.3-128		%REC	116762	1	8/7/2009 9:41 PM
Surr: Dibromofluoromethane	101	67.8-130		%REC	116762	1	8/7/2009 9:41 PM
Surr: Toluene-d8	96.3	70.6-121		%REC	116762	1	8/7/2009 9:41 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-010

**Client Sample ID:** SS-1  
**Collection Date:** 8/3/2009 1:15:00 PM  
**Matrix:** SEDIMENT

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>		<b>Analyst: TAA</b>
Antimony	332	14.7		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Arsenic	77.7	14.7		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Beryllium	BRL	7.35		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Cadmium	BRL	7.35		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Chromium	24500	73.5		mg/Kg-dry	116584	10	8/6/2009 6:01 PM
Copper	650	7.35		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Lead	243	14.7		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Nickel	171	14.7		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Selenium	BRL	294		mg/Kg-dry	116584	20	8/6/2009 6:07 PM
Selenium	BRL	14.7		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Silver	BRL	7.35		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Thallium	BRL	14.7		mg/Kg-dry	116584	1	8/6/2009 5:43 PM
Zinc	6330	147		mg/Kg-dry	116584	10	8/6/2009 6:01 PM
<b>TOTAL MERCURY SW7471A</b>					<b>(SW7471)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.388		mg/Kg-dry	116564	1	8/5/2009 1:18 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		<b>Analyst: JE</b>
1,1,1-Trichloroethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,1,2,2-Tetrachloroethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,1,2-Trichloroethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,1-Dichloroethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,1-Dichloroethene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,2,4-Trichlorobenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,2-Dibromo-3-chloropropane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,2-Dibromoethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,2-Dichlorobenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,2-Dichloroethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,2-Dichloropropane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,3-Dichlorobenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
1,4-Dichlorobenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
2-Butanone	BRL	0.12		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
2-Hexanone	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
4-Methyl-2-pentanone	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Acetone	BRL	0.23		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Benzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Bromodichloromethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Bromoform	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Bromomethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Carbon disulfide	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Carbon tetrachloride	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated Method Blank  
 > Greater than Result value

E Estimated (Value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See Case Narrative  
 NC Not Confirmed  
 < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-010

**Client Sample ID:** SS-1  
**Collection Date:** 8/3/2009 1:15:00 PM  
**Matrix:** SEDIMENT

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>				<b>(SW5035)</b>		<b>Analyst: JE</b>	
Chlorobenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Chloroethane	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Chloroform	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Chloromethane	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
cis-1,2-Dichloroethene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
cis-1,3-Dichloropropene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Cyclohexane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Dibromochloromethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Dichlorodifluoromethane	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Ethylbenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Freon-113	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Isopropylbenzene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
m,p-Xylene	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Methyl acetate	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Methyl tert-butyl ether	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Methylcyclohexane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Methylene chloride	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
o-Xylene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Styrene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Tetrachloroethene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Toluene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
trans-1,2-Dichloroethene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
trans-1,3-Dichloropropene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Trichloroethene	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Trichlorofluoromethane	BRL	0.012		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Vinyl chloride	BRL	0.023		mg/Kg-dry	116727	1	8/6/2009 8:37 PM
Surr: 4-Bromofluorobenzene	86.9	53.1-130		%REC	116727	1	8/6/2009 8:37 PM
Surr: Dibromofluoromethane	106	61.4-159		%REC	116727	1	8/6/2009 8:37 PM
Surr: Toluene-d8	90.1	69.9-123		%REC	116727	1	8/6/2009 8:37 PM
<b>PERCENT MOISTURE D2216</b>				<b>Analyst: MAS</b>			
Percent Moisture	75.4	0		wt%		1	8/7/2009 12:00 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-011

**Client Sample ID:** SB-9  
**Collection Date:** 8/3/2009 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:32 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:32 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:32 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:32 PM
Chromium	0.128	0.0100		mg/L	116630	1	8/6/2009 4:32 PM
Copper	0.0283	0.0100		mg/L	116630	1	8/6/2009 4:32 PM
Lead	BRL	0.0100		mg/L	116630	1	8/6/2009 4:32 PM
Nickel	BRL	0.0200		mg/L	116630	1	8/6/2009 4:32 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:32 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:32 PM
Thallium	BRL	0.0200		mg/L	116630	1	8/11/2009 9:09 AM
Zinc	0.0418	0.0200		mg/L	116630	1	8/6/2009 4:32 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:20 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 11:08 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 11:08 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM

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



# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-011

**Client Sample ID:** SB-9  
**Collection Date:** 8/3/2009 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: <b>GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 11:08 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:08 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 11:08 PM
Surr: 4-Bromofluorobenzene	92.7	61.3-128		%REC	116762	1	8/7/2009 11:08 PM
Surr: Dibromofluoromethane	103	67.8-130		%REC	116762	1	8/7/2009 11:08 PM
Surr: Toluene-d8	94.9	70.6-121		%REC	116762	1	8/7/2009 11:08 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-012

**Client Sample ID:** SB-10  
**Collection Date:** 8/3/2009 2:25:00 PM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>		<b>Analyst: TAA</b>
Antimony	BRL	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Arsenic	BRL	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Beryllium	BRL	2.89		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Cadmium	BRL	2.89		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Chromium	67.0	2.89		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Copper	6.92	2.89		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Lead	BRL	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Nickel	BRL	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Selenium	BRL	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Silver	BRL	2.89		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Thallium	BRL	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
Zinc	149	5.78		mg/Kg-dry	116584	1	8/6/2009 5:49 PM
<b>TOTAL MERCURY SW7471A</b>					<b>(SW7471)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.124		mg/Kg-dry	116564	1	8/5/2009 1:21 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		<b>Analyst: JE</b>
1,1,1-Trichloroethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,1,2,2-Tetrachloroethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,1,2-Trichloroethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,1-Dichloroethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,1-Dichloroethene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,2,4-Trichlorobenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,2-Dibromo-3-chloropropane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,2-Dibromoethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,2-Dichlorobenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,2-Dichloroethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,2-Dichloropropane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,3-Dichlorobenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
1,4-Dichlorobenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
2-Butanone	BRL	0.035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
2-Hexanone	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
4-Methyl-2-pentanone	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Acetone	BRL	0.069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Benzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Bromodichloromethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Bromoform	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Bromomethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Carbon disulfide	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Carbon tetrachloride	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Chlorobenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM

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

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

CLIENT: Southern Monitoring and Environmental, L

Client Sample ID: SB-10

Project: Adel

Collection Date: 8/3/2009 2:25:00 PM

Lab ID: 0908149-012

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		Analyst: <b>JE</b>
Chloroethane	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Chloroform	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Chloromethane	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
cis-1,2-Dichloroethene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
cis-1,3-Dichloropropene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Cyclohexane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Dibromochloromethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Dichlorodifluoromethane	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Ethylbenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Freon-113	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Isopropylbenzene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
m,p-Xylene	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Methyl acetate	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Methyl tert-butyl ether	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Methylcyclohexane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Methylene chloride	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
o-Xylene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Styrene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Tetrachloroethene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Toluene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
trans-1,2-Dichloroethene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
trans-1,3-Dichloropropene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Trichloroethene	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Trichlorofluoromethane	BRL	0.0035		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Vinyl chloride	BRL	0.0069		mg/Kg-dry	116727	1	8/6/2009 9:01 PM
Surr: 4-Bromofluorobenzene	103	53.1-130		%REC	116727	1	8/6/2009 9:01 PM
Surr: Dibromofluoromethane	109	61.4-159		%REC	116727	1	8/6/2009 9:01 PM
Surr: Toluene-d8	96.6	69.9-123		%REC	116727	1	8/6/2009 9:01 PM
<b>PERCENT MOISTURE D2216</b>							Analyst: <b>MAS</b>
Percent Moisture	21.7	0		wt%		1	8/7/2009 12:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
BRL Below Reporting Limit  
H Holding times for preparation or analysis exceeded  
N Analyte not NELAC certified  
B Analyte detected in the associated Method Blank  
> Greater than Result value

E Estimated (Value above quantitation range)  
S Spike Recovery outside limits due to matrix  
Narr See Case Narrative  
NC Not Confirmed  
< Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-013

**Client Sample ID:** SB-11  
**Collection Date:** 8/3/2009 2:30:00 PM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>		Analyst: TAA
Antimony	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Arsenic	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Beryllium	BRL	2.46		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Cadmium	BRL	2.46		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Chromium	7.77	2.46		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Copper	BRL	2.46		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Lead	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Nickel	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Selenium	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Silver	BRL	2.46		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Thallium	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
Zinc	BRL	4.93		mg/Kg-dry	116584	1	8/6/2009 5:53 PM
<b>TOTAL MERCURY SW7471A</b>					<b>(SW7471)</b>		Analyst: JY
Mercury	BRL	0.117		mg/Kg-dry	116564	1	8/5/2009 1:23 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		Analyst: JE
1,1,1-Trichloroethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,1,2,2-Tetrachloroethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,1,2-Trichloroethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,1-Dichloroethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,1-Dichloroethene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,2,4-Trichlorobenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,2-Dibromo-3-chloropropane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,2-Dibromoethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,2-Dichlorobenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,2-Dichloroethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,2-Dichloropropane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,3-Dichlorobenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
1,4-Dichlorobenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
2-Butanone	BRL	0.027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
2-Hexanone	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
4-Methyl-2-pentanone	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Acetone	BRL	0.055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Benzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Bromodichloromethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Bromoform	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Bromomethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Carbon disulfide	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Carbon tetrachloride	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Chlorobenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM

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

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-013

**Client Sample ID:** SB-11  
**Collection Date:** 8/3/2009 2:30:00 PM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		Analyst: <b>JE</b>
Chloroethane	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Chloroform	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Chloromethane	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
cis-1,2-Dichloroethene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
cis-1,3-Dichloropropene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Cyclohexane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Dibromochloromethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Dichlorodifluoromethane	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Ethylbenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Freon-113	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Isopropylbenzene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
m,p-Xylene	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Methyl acetate	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Methyl tert-butyl ether	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Methylcyclohexane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Methylene chloride	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
o-Xylene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Styrene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Tetrachloroethene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Toluene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
trans-1,2-Dichloroethene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
trans-1,3-Dichloropropene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Trichloroethene	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Trichlorofluoromethane	BRL	0.0027		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Vinyl chloride	BRL	0.0055		mg/Kg-dry	116727	1	8/6/2009 9:27 PM
Surr: 4-Bromofluorobenzene	102	53.1-130		%REC	116727	1	8/6/2009 9:27 PM
Surr: Dibromofluoromethane	104	61.4-159		%REC	116727	1	8/6/2009 9:27 PM
Surr: Toluene-d8	96.2	69.9-123		%REC	116727	1	8/6/2009 9:27 PM
<b>PERCENT MOISTURE D2216</b>							Analyst: <b>MAS</b>
Percent Moisture	14.9	0		wt%		1	8/7/2009 12:00 PM

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

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-014

**Client Sample ID:** SB-12  
**Collection Date:** 8/3/2009 3:15:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		Analyst: <b>MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:42 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:42 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:42 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:42 PM
Chromium	0.244	0.0100		mg/L	116630	1	8/6/2009 4:42 PM
Copper	0.0475	0.0100		mg/L	116630	1	8/6/2009 4:42 PM
Lead	0.0286	0.0100		mg/L	116630	1	8/6/2009 4:42 PM
Nickel	0.0502	0.0200		mg/L	116630	1	8/6/2009 4:42 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:42 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:42 PM
Thallium	BRL	0.0400		mg/L	116630	2	8/11/2009 9:44 AM
Zinc	0.455	0.0200		mg/L	116630	1	8/6/2009 4:42 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		Analyst: <b>JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:26 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: <b>GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 11:36 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 11:36 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM

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

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-014

**Client Sample ID:** SB-12  
**Collection Date:** 8/3/2009 3:15:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 11:36 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 11:36 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 11:36 PM
Surr: 4-Bromofluorobenzene	90.9	61.3-128		%REC	116762	1	8/7/2009 11:36 PM
Surr: Dibromofluoromethane	99.7	67.8-130		%REC	116762	1	8/7/2009 11:36 PM
Surr: Toluene-d8	95.7	70.6-121		%REC	116762	1	8/7/2009 11:36 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-015

**Client Sample ID:** SB-13  
**Collection Date:** 8/3/2009 3:45:00 PM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>		<b>Analyst: TAA</b>
Antimony	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Arsenic	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Beryllium	BRL	2.63		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Cadmium	BRL	2.63		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Chromium	113	2.63		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Copper	BRL	2.63		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Lead	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Nickel	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Selenium	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Silver	BRL	2.63		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Thallium	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
Zinc	BRL	5.26		mg/Kg-dry	116584	1	8/6/2009 5:57 PM
<b>TOTAL MERCURY SW7471A</b>					<b>(SW7471)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.114		mg/Kg-dry	116564	1	8/5/2009 1:25 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		<b>Analyst: JE</b>
1,1,1-Trichloroethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,1,2,2-Tetrachloroethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,1,2-Trichloroethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,1-Dichloroethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,1-Dichloroethene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,2,4-Trichlorobenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,2-Dibromo-3-chloropropane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,2-Dibromoethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,2-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,2-Dichloroethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,2-Dichloropropane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,3-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
1,4-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
2-Butanone	BRL	0.028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
2-Hexanone	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
4-Methyl-2-pentanone	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Acetone	BRL	0.056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Benzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Bromodichloromethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Bromoform	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Bromomethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Carbon disulfide	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Carbon tetrachloride	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Chlorobenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM

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



**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-015

**Client Sample ID:** SB-13  
**Collection Date:** 8/3/2009 3:45:00 PM  
**Matrix:** SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5035)</b>		Analyst: <b>JE</b>
Chloroethane	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Chloroform	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Chloromethane	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
cis-1,2-Dichloroethene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
cis-1,3-Dichloropropene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Cyclohexane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Dibromochloromethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Dichlorodifluoromethane	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Ethylbenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Freon-113	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Isopropylbenzene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
m,p-Xylene	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Methyl acetate	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Methyl tert-butyl ether	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Methylcyclohexane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Methylene chloride	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
o-Xylene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Styrene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Tetrachloroethene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Toluene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
trans-1,2-Dichloroethene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
trans-1,3-Dichloropropene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Trichloroethene	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Trichlorofluoromethane	BRL	0.0028		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Vinyl chloride	BRL	0.0056		mg/Kg-dry	116727	1	8/6/2009 9:51 PM
Surr: 4-Bromofluorobenzene	104	53.1-130		%REC	116727	1	8/6/2009 9:51 PM
Surr: Dibromofluoromethane	104	61.4-159		%REC	116727	1	8/6/2009 9:51 PM
Surr: Toluene-d8	96.5	69.9-123		%REC	116727	1	8/6/2009 9:51 PM
<b>PERCENT MOISTURE D2216</b>							Analyst: <b>MAS</b>
Percent Moisture	15.7	0		wt%		1	8/7/2009 12:00 PM

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

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

CLIENT: Southern Monitoring and Environmental, L

Client Sample ID: SB-11

Project: Adel

Collection Date: 8/3/2009 4:00:00 PM

Lab ID: 0908149-016

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:46 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:46 PM
Beryllium	0.0171	0.0100		mg/L	116630	1	8/6/2009 4:46 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:46 PM
Chromium	16.8	0.0100		mg/L	116630	1	8/6/2009 4:46 PM
Copper	0.622	0.0100		mg/L	116630	1	8/6/2009 4:46 PM
Lead	0.684	0.0100		mg/L	116630	1	8/6/2009 4:46 PM
Nickel	0.571	0.0200		mg/L	116630	1	8/6/2009 4:46 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:46 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:46 PM
Thallium	BRL	0.400		mg/L	116630	20	8/11/2009 10:16 AM
Zinc	1.49	0.0200		mg/L	116630	1	8/6/2009 4:46 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	0.00261	0.00020		mg/L	116596	1	8/5/2009 5:27 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
2-Butanone	BRL	50		ug/L	116762	1	8/8/2009 12:05 AM
2-Hexanone	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
Acetone	BRL	50		ug/L	116762	1	8/8/2009 12:05 AM
Benzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Bromoform	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Bromomethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-016

**Client Sample ID:** SB-11  
**Collection Date:** 8/3/2009 4:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
Chloroform	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Chloromethane	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Freon-113	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
m,p-Xylene	BRL	10		ug/L	116762	1	8/8/2009 12:05 AM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
o-Xylene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Styrene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Toluene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:05 AM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/8/2009 12:05 AM
Surr: 4-Bromofluorobenzene	91.0	61.3-128		%REC	116762	1	8/8/2009 12:05 AM
Surr: Dibromofluoromethane	103	67.8-130		%REC	116762	1	8/8/2009 12:05 AM
Surr: Toluene-d8	96.8	70.6-121		%REC	116762	1	8/8/2009 12:05 AM

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

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-017

**Client Sample ID:** SB-13  
**Collection Date:** 8/3/2009 4:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: MAW</b>
Antimony	BRL	0.0200		mg/L	116630	1	8/6/2009 4:50 PM
Arsenic	BRL	0.0500		mg/L	116630	1	8/6/2009 4:50 PM
Beryllium	BRL	0.0100		mg/L	116630	1	8/6/2009 4:50 PM
Cadmium	BRL	0.0050		mg/L	116630	1	8/6/2009 4:50 PM
Chromium	1.46	0.0100		mg/L	116630	1	8/6/2009 4:50 PM
Copper	0.110	0.0100		mg/L	116630	1	8/6/2009 4:50 PM
Lead	0.0405	0.0100		mg/L	116630	1	8/6/2009 4:50 PM
Nickel	0.0952	0.0200		mg/L	116630	1	8/6/2009 4:50 PM
Selenium	BRL	0.0200		mg/L	116630	1	8/6/2009 4:50 PM
Silver	BRL	0.0100		mg/L	116630	1	8/6/2009 4:50 PM
Thallium	BRL	0.0400		mg/L	116630	2	8/11/2009 9:51 AM
Zinc	0.134	0.0200		mg/L	116630	1	8/6/2009 4:50 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: JY</b>
Mercury	BRL	0.00020		mg/L	116596	1	8/5/2009 5:29 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
2-Butanone	BRL	50		ug/L	116762	1	8/8/2009 12:35 AM
2-Hexanone	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
Acetone	BRL	50		ug/L	116762	1	8/8/2009 12:35 AM
Benzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Bromoform	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Bromomethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM

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

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-017

**Client Sample ID:** SB-13  
**Collection Date:** 8/3/2009 4:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
Chloroethane	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
Chloroform	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Chloromethane	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Freon-113	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
m,p-Xylene	BRL	10		ug/L	116762	1	8/8/2009 12:35 AM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
o-Xylene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Styrene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Toluene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/8/2009 12:35 AM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/8/2009 12:35 AM
Surr: 4-Bromofluorobenzene	96.8	61.3-128		%REC	116762	1	8/8/2009 12:35 AM
Surr: Dibromofluoromethane	101	67.8-130		%REC	116762	1	8/8/2009 12:35 AM
Surr: Toluene-d8	95.5	70.6-121		%REC	116762	1	8/8/2009 12:35 AM

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

# Analytical Environmental Services, Inc.

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-018

**Client Sample ID:** TRIP BLANK  
**Collection Date:** 8/4/2009  
**Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: GKK</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,1-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,1-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,2-Dibromoethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,2-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,2-Dichloroethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,2-Dichloropropane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
2-Butanone	BRL	50		ug/L	116762	1	8/7/2009 7:19 PM
2-Hexanone	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
4-Methyl-2-pentanone	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
Acetone	BRL	50		ug/L	116762	1	8/7/2009 7:19 PM
Benzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Bromodichloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Bromoform	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Bromomethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Carbon disulfide	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Carbon tetrachloride	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Chlorobenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Chloroethane	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
Chloroform	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Chloromethane	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Cyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Dibromochloromethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Dichlorodifluoromethane	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
Ethylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Freon-113	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
Isopropylbenzene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
m,p-Xylene	BRL	10		ug/L	116762	1	8/7/2009 7:19 PM
Methyl acetate	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Methylcyclohexane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Methylene chloride	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM

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

**Analytical Environmental Services, Inc.**

Date: 12-Aug-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0908149-018

**Client Sample ID:** TRIP BLANK  
**Collection Date:** 8/4/2009  
**Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: <b>GKK</b>
o-Xylene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Styrene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Tetrachloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Toluene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Trichloroethene	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Trichlorofluoromethane	BRL	5.0		ug/L	116762	1	8/7/2009 7:19 PM
Vinyl chloride	BRL	2.0		ug/L	116762	1	8/7/2009 7:19 PM
Surr: 4-Bromofluorobenzene	92.9	61.3-128		%REC	116762	1	8/7/2009 7:19 PM
Surr: Dibromofluoromethane	97.6	67.8-130		%REC	116762	1	8/7/2009 7:19 PM
Surr: Toluene-d8	97.1	70.6-121		%REC	116762	1	8/7/2009 7:19 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value



## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 23, 2009

Ken Moore  
Southern Monitoring and Environmental, LLC  
2955 Seven Pines Ln  
#106  
Atlanta, GA 30339  
TEL: (770) 653-4891  
FAX:  
RE: Adel

Order No.: 0909A27

Dear Ken Moore:

Analytical Environmental Services, Inc. received 17 samples on 9/15/2009 8:15:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 31 total pages (including cover letter).

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

Sincerely,

*James Forrest*  
James Forrest

*for* Project Manager





## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

## CHAIN OF CUSTODY

Work Order: 0909A27

Date: 9/15 of 1

Page 1

COMPANY:		ADDRESS:		ANALYSIS REQUESTED		REMARKS		No # of Containers	
Southern Monitoring & Env.		2955 Seven Doves Ln. #108 Atlanta, GA 30339		Dissolved Chloride Total Chloride Dissolved Lead Total Lead Dissolved Metals Residues Herbicides VOCs B&60		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.			
PHONE:		FAX:		SIGNATURE:		PRESERVATION (See codes)			
SAMPLED BY:		SAMPLE ID		DATE		TIME		COMPOSITE	
1	SS-2	9/14	9:30	/	SE				
2	SB-14		12:00	/	GW				
3	SB-28		12:30	/	GW				
4	SB-16		13:00	/	GW				
5	SB-15		13:10	/	GW				
6	SB-17		14:00	/	GW				
7	SB-18		14:10	/	GW				
8	SB-19		14:20	/	GW				
9	SB-20		14:30	/	GW				
10	SB-21		14:45	/	GW				
11	SB-22		14:55	/	GW				
12	SB-27		15:05	/	GW				
13	SB-23		15:10	/	GW				
14	SB-25		16:00	/	GW				
RELINQUISHED BY:		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION	
1: KLM		9/15 8:15		1: KLM		9/15/09		PROJECT NAME: Adel	
2: KLM		9/15 8:15		2: KLM		8:15		PROJECT #:	
3: KLM		9/15 8:15		3: KLM		8:15		SITE ADDRESS: Adel, GA	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		OUT / / VIA:		IN / / VIA:		SEND REPORT TO: KLM 12550 Chertner net	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		INVOICE TO: (IF DIFFERENT FROM ABOVE)	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		QUOTE #:	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		STATE PROGRAM (if any):	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		E-mail? Y / N; Fax? Y / N	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		DATA PACKAGE: I II III IV	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		Turnaround Time Request	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		Standard 5 Business Days	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		2 Business Day Rush	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		Next Business Day Rush	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		Same Day Rush (auth req.)	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		Other	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		Total # of Containers	
		OUT / / VIA:		IN / / VIA:		CLIENT: FedEx UPS MAIL COURIER		21	

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

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

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

PRESERVATIVE CODES: H+1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+1 = Sulfuric acid + ice S/M+1 = Sodium Bisulfate/Methanol + ice NA = None

White Copy - Original; Yellow Copy - Client



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

## CHAIN OF CUSTODY

Work Order:

Date: 9/15 Page 2 of 2

0909A27

COMPANY: Southern Monitoring & Env., Inc.		ADDRESS: 2455 Seven Pines Court Atlanta, GA 30339		FAX:	
PHONE: 770-653-4091		SIGNATURE: <i>[Signature]</i>		FAX:	
SAMPLED BY: Kenneth Moore		SAMPLED		DATE	
SAMPLE ID		TIME		DATE	
#		COMPOSITE		MATRIX (See codes)	
1 SB-24		/		GW	
2 SB-26		/		GW	
3 Trip blank		/		W	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
RELINQUISHED BY: <i>[Signature]</i>		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 9/15/09	
1: <i>[Signature]</i>		1: <i>[Signature]</i>		8:15	
2: <i>[Signature]</i>		2: <i>[Signature]</i>		8:15	
3: <i>[Signature]</i>		3: <i>[Signature]</i>		8:15	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		VIA:	
		OUT / /		VIA:	
		IN / /		VIA:	
		CLIENT: <i>[Signature]</i>		UP'S MAIL COURIER	
		GREYHOUND		OTHER	
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.		DATE/TIME: 9/15/09		DATE/TIME: 9/15/09	
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.		DATE/TIME: 9/15/09		DATE/TIME: 9/15/09	
MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify) WW = Waste Water		DATE/TIME: 9/15/09		DATE/TIME: 9/15/09	
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		DATE/TIME: 9/15/09		DATE/TIME: 9/15/09	

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Southern Mon Env. Work Order Number 0909A27

Checklist completed by PT Date 9/15/09  
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 3.2°C 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? PT Checked by PT

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.

# pH Adjustment Sheet

\* Number of Pellets when adding NaOH

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab Order:** 0909A27

**CASE NARRATIVE****Sample Receiving Nonconformance:**

At client request, fractions 0909A27- 002A, -004A, -005A, -006A, -007A, -008A, -009A, -010A, -011A, -013B, -014A, -015B, and -016A were respectively split from unpreserved fractions for analysis after receipt at the laboratory. Chemical preservatives were added to meet method specified pH requirements for the requested test methods.

Both vials for sample 0909A27-013A and one of two vials for sample 0909A27-015 were received with headspace present as signified by >1/4 inch bubble present. Proceed with analysis using best available vials.

Herbicides test code was requested on the COC for 0909A27-013, however no containers for Herbicides was received. One set of HCL vials was received and logged in for VOC. Proceed with analysis according to the bottles that was received.

**Hexavalent Chromium Analysis by Method 7196\_W:**

Due to sample matrix, samples 0909A27-004B, -14B, and -016B required dilution during preparation and/or analysis resulting in elevated reporting limits.

**Hexavalent Chromium Analysis by Method 7196\_W\_D:****Hexavalent:Total Dissolved Chromium Ratio:**

Please note the Dissolved Hexavalent Chromium value is reported as slightly greater than Dissolved Total Chromium value for sample 0909A27-006B. The value is within the expected reproducibility limits for the test methods used and the result is suspected to be due to differences between the sample aliquots used for analysis. The data indicates that all chromium present is in the Hexavalent oxidation state.

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-001

**Client Sample ID:** SS-2  
**Collection Date:** 9/14/2009 9:30:00 AM  
**Matrix:** SEDIMENT

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, TOTAL SW6010C</b>				<b>(SW3050B)</b>			<b>Analyst: TAA</b>
Antimony	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Arsenic	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Beryllium	BRL	2.88		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Cadmium	BRL	2.88		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Chromium	82.6	2.88		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Copper	BRL	2.88		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Lead	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Nickel	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Selenium	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Silver	BRL	2.88		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Thallium	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
Zinc	BRL	5.75		mg/Kg-dry	118555	1	9/16/2009 12:51 PM
<b>TOTAL MERCURY SW7471A</b>				<b>(SW7471)</b>			<b>Analyst: MAW</b>
Mercury	BRL	0.146		mg/Kg-dry	118631	1	9/17/2009 11:28 AM
<b>PERCENT MOISTURE D2216</b>							<b>Analyst: CG</b>
Percent Moisture	32	0		wt%		1	9/21/2009 4:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
BRL Below Reporting Limit  
H Holding times for preparation or analysis exceeded  
N Analyte not NELAC certified  
B Analyte detected in the associated Method Blank  
> Greater than Result value

E Estimated (Value above quantitation range)  
S Spike Recovery outside limits due to matrix  
Narr See Case Narrative  
NC Not Confirmed  
< Less than Result value

# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-002

**Client Sample ID:** SB-14  
**Collection Date:** 9/14/2009 12:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Antimony	BRL	0.0200		mg/L	118735	1	9/18/2009 7:45 PM
Arsenic	BRL	0.0500		mg/L	118735	1	9/18/2009 7:45 PM
Beryllium	BRL	0.0100		mg/L	118735	1	9/18/2009 7:45 PM
Cadmium	BRL	0.0050		mg/L	118735	1	9/18/2009 7:45 PM
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 7:45 PM
Copper	BRL	0.0100		mg/L	118735	1	9/18/2009 7:45 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 7:45 PM
Nickel	BRL	0.0200		mg/L	118735	1	9/18/2009 7:45 PM
Selenium	BRL	0.0200		mg/L	118735	1	9/18/2009 7:45 PM
Silver	BRL	0.0100		mg/L	118735	1	9/18/2009 7:45 PM
Thallium	BRL	0.0200		mg/L	118735	1	9/18/2009 7:45 PM
Zinc	BRL	0.0200		mg/L	118735	1	9/18/2009 7:45 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Antimony	BRL	0.0200		mg/L	118619	1	9/17/2009 5:56 PM
Arsenic	BRL	0.0500		mg/L	118619	1	9/17/2009 5:56 PM
Beryllium	BRL	0.0100		mg/L	118619	1	9/17/2009 5:56 PM
Cadmium	BRL	0.0050		mg/L	118619	1	9/17/2009 5:56 PM
Chromium	BRL	0.0100		mg/L	118619	1	9/17/2009 5:56 PM
Copper	BRL	0.0100		mg/L	118619	1	9/17/2009 5:56 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 5:56 PM
Nickel	BRL	0.0200		mg/L	118619	1	9/17/2009 5:56 PM
Selenium	BRL	0.0200		mg/L	118619	1	9/17/2009 5:56 PM
Silver	BRL	0.0100		mg/L	118619	1	9/17/2009 5:56 PM
Thallium	BRL	0.0200		mg/L	118619	1	9/17/2009 5:56 PM
Zinc	BRL	0.0200		mg/L	118619	1	9/17/2009 5:56 PM
<b>MERCURY, DISSOLVED SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: MAW</b>
Mercury	BRL	0.00020		mg/L	118707	1	9/18/2009 3:08 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: MAW</b>
Mercury	BRL	0.00020		mg/L	118708	1	9/18/2009 2:45 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-003

**Client Sample ID:** SB-28  
**Collection Date:** 9/14/2009 12:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>CHLORINATED PESTICIDES, TCL SW8081B</b>				<b>(SW3510B)</b>		<b>Analyst: KDD</b>	
4,4'-DDD	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
4,4'-DDE	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
4,4'-DDT	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
Aldrin	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
alpha-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
alpha-Chlordane	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
beta-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
delta-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
Dieldrin	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
Endosulfan I	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
Endosulfan II	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
Endosulfan sulfate	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
Endrin	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
Endrin aldehyde	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
Endrin ketone	BRL	0.10		ug/L	118641	1	9/22/2009 12:02 PM
gamma-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
gamma-Chlordane	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
Heptachlor	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
Heptachlor epoxide	BRL	0.050		ug/L	118641	1	9/22/2009 12:02 PM
Methoxychlor	BRL	0.50		ug/L	118641	1	9/22/2009 12:02 PM
Toxaphene	BRL	5.0		ug/L	118641	1	9/22/2009 12:02 PM
Surr: Decachlorobiphenyl	67.4	17.4-126		%REC	118641	1	9/22/2009 12:02 PM
Surr: Tetrachloro-m-xylene	32.7	17.6-117		%REC	118641	1	9/22/2009 12:02 PM
<b>CHLORINATED HERBICIDES SW8151A</b>				<b>(SW3510B)</b>		<b>Analyst: AK</b>	
2,4,5-T	BRL	2.0		ug/L	118604	1	9/18/2009 12:35 PM
2,4,5-TP (Silvex)	BRL	2.0		ug/L	118604	1	9/18/2009 12:35 PM
2,4-D	BRL	2.0		ug/L	118604	1	9/18/2009 12:35 PM
2,4-DB	BRL	10		ug/L	118604	1	9/18/2009 12:35 PM
Dalapon	BRL	10		ug/L	118604	1	9/18/2009 12:35 PM
Dicamba	BRL	2.0		ug/L	118604	1	9/18/2009 12:35 PM
Dichlorprop	BRL	2.0		ug/L	118604	1	9/18/2009 12:35 PM
Dinoseb	BRL	5.0		ug/L	118604	1	9/18/2009 12:35 PM
MCPA	BRL	500		ug/L	118604	1	9/18/2009 12:35 PM
MCPP	BRL	500		ug/L	118604	1	9/18/2009 12:35 PM
Surr: DCAA	88.6	34.7-137		%REC	118604	1	9/18/2009 12:35 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
BRL Below Reporting Limit  
H Holding times for preparation or analysis exceeded  
N Analyte not NELAC certified  
B Analyte detected in the associated Method Blank  
> Greater than Result value

E Estimated (Value above quantitation range)  
S Spike Recovery outside limits due to matrix  
Narr See Case Narrative  
NC Not Confirmed  
< Less than Result value



**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-004

**Client Sample ID:** SB-16  
**Collection Date:** 9/14/2009 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 7:19 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 7:19 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	0.0163	0.0100		mg/L	118619	1	9/17/2009 6:00 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:00 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.0163	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0500		mg/L		5	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-005

**Client Sample ID:** SB-15  
**Collection Date:** 9/14/2009 1:10:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	1.21	0.0100		mg/L	118735	1	9/18/2009 7:48 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 7:48 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	1.41	0.0100		mg/L	118619	1	9/17/2009 6:04 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:04 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.387	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	1.21	0.0500		mg/L		5	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.149	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	1.06	0.0500		mg/L		5	9/15/2009 10:50 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-006

**Client Sample ID:** SB-17  
**Collection Date:** 9/14/2009 2:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	0.166	0.0100		mg/L	118735	1	9/18/2009 7:53 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 7:53 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	0.432	0.0100		mg/L	118619	1	9/17/2009 6:14 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:14 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.147	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	0.284	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	0.264	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-007

**Client Sample ID:** SB-18  
**Collection Date:** 9/14/2009 2:10:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 7:57 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 7:57 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:18 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:18 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-008

**Client Sample ID:** SB-19  
**Collection Date:** 9/14/2009 2:20:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:00 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:00 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	0.0215	0.0100		mg/L	118619	1	9/17/2009 6:21 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:21 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.0215	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-009

**Client Sample ID:** SB-20  
**Collection Date:** 9/14/2009 2:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					(SAMP_FILT)		Analyst: JY
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:04 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:04 PM
<b>METALS, TOTAL SW6010C</b>					(SW3010A)		Analyst: TAA
Chromium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:25 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:25 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							Analyst: CG
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							Analyst: CG
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-010

**Client Sample ID:** SB-21  
**Collection Date:** 9/14/2009 2:45:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					(SAMP_FILT)		Analyst: JY
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:08 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:08 PM
<b>METALS, TOTAL SW6010C</b>					(SW3010A)		Analyst: TAA
Chromium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:28 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:28 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							Analyst: CG
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							Analyst: CG
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-011

**Client Sample ID:** SB-22  
**Collection Date:** 9/14/2009 2:55:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		Analyst: JY
Chromium	0.0270	0.0100		mg/L	118735	1	9/18/2009 8:12 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:12 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		Analyst: TAA
Chromium	0.0702	0.0100		mg/L	118619	1	9/17/2009 6:32 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:32 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							Analyst: CG
Chromium as Cr+3	0.0702	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							Analyst: CG
Chromium as Cr+3	0.0270	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value



# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-012

**Client Sample ID:** SB-27  
**Collection Date:** 9/14/2009 3:05:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>CHLORINATED PESTICIDES, TCL SW8081B</b>				<b>(SW3510B)</b>		Analyst: KDD	
4,4'-DDD	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
4,4'-DDE	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
4,4'-DDT	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
Aldrin	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
alpha-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
alpha-Chlordane	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
beta-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
delta-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
Dieldrin	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
Endosulfan I	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
Endosulfan II	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
Endosulfan sulfate	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
Endrin	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
Endrin aldehyde	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
Endrin ketone	BRL	0.10		ug/L	118641	1	9/22/2009 12:04 PM
gamma-BHC	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
gamma-Chlordane	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
Heptachlor	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
Heptachlor epoxide	BRL	0.050		ug/L	118641	1	9/22/2009 12:04 PM
Methoxychlor	BRL	0.50		ug/L	118641	1	9/22/2009 12:04 PM
Toxaphene	BRL	5.0		ug/L	118641	1	9/22/2009 12:04 PM
Surr: Decachlorobiphenyl	28.0	17.4-126		%REC	118641	1	9/22/2009 12:04 PM
Surr: Tetrachloro-m-xylene	42.1	17.6-117		%REC	118641	1	9/22/2009 12:04 PM
<b>CHLORINATED HERBICIDES SW8151A</b>				<b>(SW3510B)</b>		Analyst: AK	
2,4,5-T	BRL	2.0		ug/L	118604	1	9/18/2009 11:09 AM
2,4,5-TP (Silvex)	BRL	2.0		ug/L	118604	1	9/18/2009 11:09 AM
2,4-D	BRL	2.0		ug/L	118604	1	9/18/2009 11:09 AM
2,4-DB	BRL	10		ug/L	118604	1	9/18/2009 11:09 AM
Dalapon	BRL	10		ug/L	118604	1	9/18/2009 11:09 AM
Dicamba	BRL	2.0		ug/L	118604	1	9/18/2009 11:09 AM
Dichlorprop	BRL	2.0		ug/L	118604	1	9/18/2009 11:09 AM
Dinoseb	BRL	5.0		ug/L	118604	1	9/18/2009 11:09 AM
MCPA	BRL	500		ug/L	118604	1	9/18/2009 11:09 AM
MCPP	BRL	500		ug/L	118604	1	9/18/2009 11:09 AM
Surr: DCAA	82.8	34.7-137		%REC	118604	1	9/18/2009 11:09 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-013

**Client Sample ID:** SB-23  
**Collection Date:** 9/14/2009 3:10:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Antimony	BRL	0.0200		mg/L	118735	1	9/18/2009 8:22 PM
Arsenic	BRL	0.0500		mg/L	118735	1	9/18/2009 8:22 PM
Beryllium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:22 PM
Cadmium	BRL	0.0050		mg/L	118735	1	9/18/2009 8:22 PM
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:22 PM
Copper	BRL	0.0100		mg/L	118735	1	9/18/2009 8:22 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:22 PM
Nickel	BRL	0.0200		mg/L	118735	1	9/18/2009 8:22 PM
Selenium	BRL	0.0200		mg/L	118735	1	9/18/2009 8:22 PM
Silver	BRL	0.0100		mg/L	118735	1	9/18/2009 8:22 PM
Thallium	BRL	0.0200		mg/L	118735	1	9/18/2009 8:22 PM
Zinc	BRL	0.0200		mg/L	118735	1	9/18/2009 8:22 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Antimony	BRL	0.0200		mg/L	118619	1	9/17/2009 6:36 PM
Arsenic	BRL	0.0500		mg/L	118619	1	9/17/2009 6:36 PM
Beryllium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:36 PM
Cadmium	BRL	0.0050		mg/L	118619	1	9/17/2009 6:36 PM
Chromium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:36 PM
Copper	BRL	0.0100		mg/L	118619	1	9/17/2009 6:36 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:36 PM
Nickel	BRL	0.0200		mg/L	118619	1	9/17/2009 6:36 PM
Selenium	BRL	0.0200		mg/L	118619	1	9/17/2009 6:36 PM
Silver	BRL	0.0100		mg/L	118619	1	9/17/2009 6:36 PM
Thallium	BRL	0.0200		mg/L	118619	1	9/17/2009 6:36 PM
Zinc	BRL	0.0200		mg/L	118619	1	9/17/2009 6:36 PM
<b>MERCURY, DISSOLVED SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: MAW</b>
Mercury	BRL	0.00020		mg/L	118707	1	9/18/2009 2:55 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: MAW</b>
Mercury	BRL	0.00020		mg/L	118708	1	9/18/2009 2:47 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: JCT</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,1-Dichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,1-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,2-Dibromoethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM

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

# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-013

**Client Sample ID:** SB-23  
**Collection Date:** 9/14/2009 3:10:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: JCT
1,2-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,2-Dichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,2-Dichloropropane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
2-Butanone	BRL	50		ug/L	118679	1	9/17/2009 3:52 PM
2-Hexanone	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
4-Methyl-2-pentanone	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
Acetone	BRL	50		ug/L	118679	1	9/17/2009 3:52 PM
Benzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Bromodichloromethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Bromoform	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Bromomethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Carbon disulfide	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Carbon tetrachloride	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Chlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Chloroethane	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
Chloroform	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Chloromethane	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Cyclohexane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Dibromochloromethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Dichlorodifluoromethane	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
Ethylbenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Freon-113	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
Isopropylbenzene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
m,p-Xylene	BRL	10		ug/L	118679	1	9/17/2009 3:52 PM
Methyl acetate	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Methylcyclohexane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Methylene chloride	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
o-Xylene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Styrene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Tetrachloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Toluene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Trichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM
Trichlorofluoromethane	BRL	5.0		ug/L	118679	1	9/17/2009 3:52 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-013

**Client Sample ID:** SB-23  
**Collection Date:** 9/14/2009 3:10:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: JCT
Vinyl chloride	BRL	2.0		ug/L	118679	1	9/17/2009 3:52 PM
Surr: 4-Bromofluorobenzene	79.9	61.3-128		%REC	118679	1	9/17/2009 3:52 PM
Surr: Dibromofluoromethane	96.8	67.8-130		%REC	118679	1	9/17/2009 3:52 PM
Surr: Toluene-d8	84.1	70.6-121		%REC	118679	1	9/17/2009 3:52 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							Analyst: CG
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							Analyst: CG
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-014

**Client Sample ID:** SB-25  
**Collection Date:** 9/14/2009 4:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:26 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:26 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	0.0180	0.0100		mg/L	118619	1	9/17/2009 6:39 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:39 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.0180	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.100		mg/L		10	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-015

**Client Sample ID:** SB-24  
**Collection Date:** 9/14/2009 4:45:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILTER)</b>		<b>Analyst: JY</b>
Antimony	BRL	0.0200		mg/L	118735	1	9/18/2009 8:30 PM
Arsenic	BRL	0.0500		mg/L	118735	1	9/18/2009 8:30 PM
Beryllium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:30 PM
Cadmium	BRL	0.0050		mg/L	118735	1	9/18/2009 8:30 PM
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:30 PM
Copper	BRL	0.0100		mg/L	118735	1	9/18/2009 8:30 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:30 PM
Nickel	BRL	0.0200		mg/L	118735	1	9/18/2009 8:30 PM
Selenium	BRL	0.0200		mg/L	118735	1	9/18/2009 8:30 PM
Silver	BRL	0.0100		mg/L	118735	1	9/18/2009 8:30 PM
Thallium	BRL	0.0200		mg/L	118735	1	9/18/2009 8:30 PM
Zinc	BRL	0.0200		mg/L	118735	1	9/18/2009 8:30 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Antimony	BRL	0.0200		mg/L	118619	1	9/17/2009 6:43 PM
Arsenic	BRL	0.0500		mg/L	118619	1	9/17/2009 6:43 PM
Beryllium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:43 PM
Cadmium	BRL	0.0050		mg/L	118619	1	9/17/2009 6:43 PM
Chromium	BRL	0.0100		mg/L	118619	1	9/17/2009 6:43 PM
Copper	BRL	0.0100		mg/L	118619	1	9/17/2009 6:43 PM
Lead	BRL	0.0100		mg/L	118619	1	9/17/2009 6:43 PM
Nickel	BRL	0.0200		mg/L	118619	1	9/17/2009 6:43 PM
Selenium	BRL	0.0200		mg/L	118619	1	9/17/2009 6:43 PM
Silver	BRL	0.0100		mg/L	118619	1	9/17/2009 6:43 PM
Thallium	BRL	0.0200		mg/L	118619	1	9/17/2009 6:43 PM
Zinc	BRL	0.0200		mg/L	118619	1	9/17/2009 6:43 PM
<b>MERCURY, DISSOLVED SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: MAW</b>
Mercury	BRL	0.00020		mg/L	118707	1	9/18/2009 3:07 PM
<b>MERCURY, TOTAL SW7470A</b>					<b>(SW7470)</b>		<b>Analyst: MAW</b>
Mercury	BRL	0.00020		mg/L	118708	1	9/18/2009 2:49 PM
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: JCT</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,1,2-Trichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,1-Dichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,1-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,2-Dibromoethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM

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

# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-015

**Client Sample ID:** SB-24  
**Collection Date:** 9/14/2009 4:45:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: JCT</b>
1,2-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,2-Dichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,2-Dichloropropane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,3-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
1,4-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
2-Butanone	BRL	50		ug/L	118679	1	9/17/2009 4:20 PM
2-Hexanone	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
4-Methyl-2-pentanone	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
Acetone	BRL	50		ug/L	118679	1	9/17/2009 4:20 PM
Benzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Bromodichloromethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Bromoform	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Bromomethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Carbon disulfide	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Carbon tetrachloride	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Chlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Chloroethane	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
Chloroform	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Chloromethane	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Cyclohexane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Dibromochloromethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Dichlorodifluoromethane	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
Ethylbenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Freon-113	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
Isopropylbenzene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
m,p-Xylene	BRL	10		ug/L	118679	1	9/17/2009 4:20 PM
Methyl acetate	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Methylcyclohexane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Methylene chloride	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
o-Xylene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Styrene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Tetrachloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Toluene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Trichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM
Trichlorofluoromethane	BRL	5.0		ug/L	118679	1	9/17/2009 4:20 PM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-015

**Client Sample ID:** SB-24  
**Collection Date:** 9/14/2009 4:45:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		Analyst: <b>JCT</b>
Vinyl chloride	BRL	2.0		ug/L	118679	1	9/17/2009 4:20 PM
Surr: 4-Bromofluorobenzene	78.6	61.3-128		%REC	118679	1	9/17/2009 4:20 PM
Surr: Dibromofluoromethane	105	67.8-130		%REC	118679	1	9/17/2009 4:20 PM
Surr: Toluene-d8	89.1	70.6-121		%REC	118679	1	9/17/2009 4:20 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							Analyst: <b>CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							Analyst: <b>CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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



**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-016

**Client Sample ID:** SB-26  
**Collection Date:** 9/14/2009 5:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED SW6010C</b>					<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	BRL	0.0100		mg/L	118735	1	9/18/2009 8:33 PM
Lead	BRL	0.0100		mg/L	118735	1	9/18/2009 8:33 PM
<b>METALS, TOTAL SW6010C</b>					<b>(SW3010A)</b>		<b>Analyst: TAA</b>
Chromium	0.0365	0.0100		mg/L	118619	1	9/17/2009 6:47 PM
Lead	0.0162	0.0100		mg/L	118619	1	9/17/2009 6:47 PM
<b>HEXAVALENT CHROMIUM SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	0.0365	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.250		mg/L		25	9/15/2009 10:50 AM
<b>HEXAVALENT CHROMIUM, DISSOLVED SW7196</b>							<b>Analyst: CG</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	9/15/2009 10:50 AM

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

# Analytical Environmental Services, Inc.

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-017

**Client Sample ID:** TRIP BLANK  
**Collection Date:** 9/15/2009  
**Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: JCT</b>
1,1,1-Trichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,1,2-Trichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,1-Dichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,1-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,2-Dibromoethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,2-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,2-Dichloroethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,2-Dichloropropane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,3-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
1,4-Dichlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
2-Butanone	BRL	50		ug/L	118679	1	9/17/2009 11:39 AM
2-Hexanone	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
4-Methyl-2-pentanone	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
Acetone	BRL	50		ug/L	118679	1	9/17/2009 11:39 AM
Benzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Bromodichloromethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Bromoform	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Bromomethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Carbon disulfide	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Carbon tetrachloride	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Chlorobenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Chloroethane	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
Chloroform	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Chloromethane	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Cyclohexane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Dibromochloromethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Dichlorodifluoromethane	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
Ethylbenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Freon-113	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
Isopropylbenzene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
m,p-Xylene	BRL	10		ug/L	118679	1	9/17/2009 11:39 AM
Methyl acetate	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Methyl tert-butyl ether	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Methylcyclohexane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Methylene chloride	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM

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

**Analytical Environmental Services, Inc.**

Date: 24-Sep-09

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Adel  
**Lab ID:** 0909A27-017

**Client Sample ID:** TRIP BLANK  
**Collection Date:** 9/15/2009  
**Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>TCL VOLATILE ORGANICS SW8260B</b>					<b>(SW5030B)</b>		<b>Analyst: JCT</b>
o-Xylene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Styrene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Tetrachloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Toluene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Trichloroethene	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Trichlorofluoromethane	BRL	5.0		ug/L	118679	1	9/17/2009 11:39 AM
Vinyl chloride	BRL	2.0		ug/L	118679	1	9/17/2009 11:39 AM
Surr: 4-Bromofluorobenzene	78.0	61.3-128		%REC	118679	1	9/17/2009 11:39 AM
Surr: Dibromofluoromethane	98.3	67.8-130		%REC	118679	1	9/17/2009 11:39 AM
Surr: Toluene-d8	86.5	70.6-121		%REC	118679	1	9/17/2009 11:39 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

# Analytical Environmental Services, Inc.

23-Sep-09

**Lab Order:** 0909A27  
**Client:** Southern Monitoring and Environmental, LLC  
**Project:** Adel

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0909A27-001A	SS-2	9/14/2009 9:30:00 AM	Sediment	MERCURY		9/17/2009	9/17/2009
0909A27-001B				TOTAL METALS BY ICP		9/15/2009	9/16/2009
0909A27-002A	SB-14	9/14/2009 12:00:00 PM	Groundwater	PERCENT MOISTURE			9/21/2009
0909A27-002B				TOTAL MERCURY		9/18/2009	9/18/2009
				TOTAL METALS BY ICP		9/16/2009	9/17/2009
				DISSOLVED METALS BY ICP		9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
				MERCURY, DISSOLVED		9/18/2009	9/18/2009
				CHLORINATED HERBICIDES		9/16/2009	9/18/2009
0909A27-003A	SB-28	9/14/2009 12:30:00 PM		TCL-CHLORINATED PESTICIDES		9/18/2009	9/22/2009
0909A27-004A	SB-16	9/14/2009 1:00:00 PM		TOTAL METALS BY ICP		9/16/2009	9/17/2009
0909A27-004B				DISSOLVED METALS BY ICP		9/18/2009	9/22/2009
				DISSOLVED METALS BY ICP		9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-005A	SB-15	9/14/2009 1:10:00 PM		TOTAL METALS BY ICP		9/16/2009	9/17/2009
0909A27-005B				DISSOLVED METALS BY ICP		9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-006A	SB-17	9/14/2009 2:00:00 PM		TOTAL METALS BY ICP		9/16/2009	9/17/2009
0909A27-006B				DISSOLVED METALS BY ICP		9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-007A	SB-18	9/14/2009 2:10:00 PM		TOTAL METALS BY ICP		9/16/2009	9/17/2009

# Analytical Environmental Services, Inc.

23-Sep-09

**Lab Order:** 0909A27  
**Client:** Southern Monitoring and Environmental, LLC  
**Project:** Adel

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0909A27-007B	SB-18	9/14/2009 2:10:00 PM	Groundwater	DISSOLVED METALS BY ICP	9/18/2009		9/18/2009
				Hexavalent Chromium			9/15/2009
0909A27-008A	SB-19	9/14/2009 2:20:00 PM		Hexavalent Chromium, Dissolved			9/15/2009
0909A27-008B				TOTAL METALS BY ICP	9/16/2009		9/17/2009
				DISSOLVED METALS BY ICP	9/18/2009		9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-009A	SB-20	9/14/2009 2:30:00 PM		TOTAL METALS BY ICP	9/16/2009		9/17/2009
0909A27-009B				DISSOLVED METALS BY ICP	9/18/2009		9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-010A	SB-21	9/14/2009 2:45:00 PM		TOTAL METALS BY ICP	9/16/2009		9/17/2009
0909A27-010B				DISSOLVED METALS BY ICP	9/18/2009		9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-011A	SB-22	9/14/2009 2:55:00 PM		TOTAL METALS BY ICP	9/16/2009		9/17/2009
0909A27-011B				DISSOLVED METALS BY ICP	9/18/2009		9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-012A	SB-27	9/14/2009 3:05:00 PM		CHLORINATED HERBICIDES	9/16/2009		9/18/2009
				TCL-CHLORINATED PESTICIDES	9/18/2009		9/22/2009
0909A27-013A	SB-23	9/14/2009 3:10:00 PM		TCL VOLATILE ORGANICS	9/17/2009		9/17/2009
0909A27-013B				TOTAL MERCURY	9/18/2009		9/18/2009
				TOTAL METALS BY ICP	9/16/2009		9/17/2009
0909A27-013C				DISSOLVED METALS BY ICP	9/18/2009		9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
				MERCURY, DISSOLVED	9/18/2009		9/18/2009

**Lab Order:** 0909A27  
**Client:** Southern Monitoring and Environmental, LLC  
**Project:** Adel

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0909A27-014A	SB-25	9/14/2009 4:00:00 PM	Groundwater	TOTAL METALS BY ICP	9/16/2009	9/16/2009	9/17/2009
0909A27-014B				DISSOLVED METALS BY ICP	9/18/2009	9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-015A	SB-24	9/14/2009 4:45:00 PM		TCL VOLATILE ORGANICS	9/17/2009	9/17/2009	9/17/2009
0909A27-015B				TOTAL MERCURY	9/18/2009	9/18/2009	9/18/2009
				TOTAL METALS BY ICP	9/16/2009	9/16/2009	9/17/2009
0909A27-015C				DISSOLVED METALS BY ICP	9/18/2009	9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
				MERCURY, DISSOLVED	9/18/2009	9/18/2009	9/18/2009
0909A27-016A	SB-26	9/14/2009 5:00:00 PM		TOTAL METALS BY ICP	9/16/2009	9/16/2009	9/17/2009
0909A27-016B				DISSOLVED METALS BY ICP	9/18/2009	9/18/2009	9/18/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium			9/15/2009
				Hexavalent Chromium, Dissolved			9/15/2009
0909A27-017A	TRIP BLANK	9/15/2009	Aqueous	TCL VOLATILE ORGANICS	9/17/2009	9/17/2009	9/17/2009



## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 04, 2010

Ken Moore  
Southern Monitoring and Environmental, LLC  
2955 Seven Pines Ln  
#106  
Atlanta, GA 30339  
TEL: (770) 653-4891  
FAX

RE: Former D+H

Order No.: 1001J17

Dear Ken Moore:

Analytical Environmental Services, Inc. received 14 samples on 1/29/2010 11:30:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full and contains 20 total pages (including cover letter).

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

Sincerely,

*Mirzeta Karanic*  
James Forrest

*for* Project Manager





Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Southern monitoring

Work Order Number 1001717

Checklist completed by M. J. Date 1/29/10  
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

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

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? (4°C±2)\* Yes ☒ No ☐

Cooler #1 3.96 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? 1/29/10 MJD 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 MJD

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.

\\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample\_Cooler\_Receipt\_Checklist

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab Order:** 1001J17

**CASE NARRATIVE**

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**Sample Receiving Nonconformance:**

Samples 1001J17-001A, and 1001J17-002A were received outside specified holding time of 24 hours for method Hexavalent Chromium, Dissolved. Proceed with analysis per Kenneth Moore on 1/29/10.

**Hexavalent:Total Chromium Ratio:**

Please note the Hexavalent Chromium values are reported as greater than Total Chromium value for samples 1001J17-002A, -006A, -010A, -011A & -012A. The values are within the expected reproducibility limits for the test methods used and the result is suspected to be due to differences between the sample aliquots used for analysis. The data indicates that all chromium present is in the Hexavalent oxidation state.

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-001

**Client Sample ID:** SB-37  
**Collection Date:** 1/28/2010 10:45:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>							
SW6010C					(SAMP_FILT)		Analyst: JY
Chromium	BRL	0.0100		mg/L	124694	1	2/3/2010 6:57 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							Analyst: AZS
SW7196							
Chromium as Cr+3	BRL	0.0100	H	mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	BRL	0.0100	H	mg/L		1	1/29/2010 11:30 AM

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

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

CLIENT: Southern Monitoring and Environmental, L

Client Sample ID: SB-36

Project: Former D+H

Collection Date: 1/28/2010 11:00:00 AM

Lab ID: 1001J17-002

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>							
SW6010C					(SAMP_FILT)		Analyst: JY
Chromium	0.172	0.0100		mg/L	124694	1	2/3/2010 7:29 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							Analyst: AZS
SW7196							
Chromium as Cr+3	BRL	0.0100	H	mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	0.193	0.0100	H	mg/L		1	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-003

**Client Sample ID:** SB-36D  
**Collection Date:** 1/28/2010 11:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>							
<b>SW6010C</b>							
Chromium	BRL	0.0100		mg/L	124694	1	2/3/2010 7:33 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							
<b>SW7196</b>							
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM

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

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-004

**Client Sample ID:** SB-35  
**Collection Date:** 1/28/2010 12:15:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b> <b>SW6010C</b>					<b>(SAMP_FILT)</b>		Analyst: <b>JY</b>
Chromium	1.51	0.0100		mg/L	124694	1	2/3/2010 7:37 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b> <b>SW7196</b>							Analyst: <b>AZS</b>
Chromium as Cr+3	0.172	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	1.34	0.200		mg/L		20	1/29/2010 11:30 AM

**Qualifiers:**    \*    Value exceeds Maximum Contaminant Level  
BRL    Below Reporting Limit  
H    Holding times for preparation or analysis exceeded  
N    Analyte not NELAC certified  
B    Analyte detected in the associated Method Blank  
>    Greater than Result value

E    Estimated (Value above quantitation range)  
S    Spike Recovery outside limits due to matrix  
Narr    See Case Narrative  
NC    Not Confirmed  
<    Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

CLIENT: Southern Monitoring and Environmental, L

Client Sample ID: SB-32

Project: Former D+H

Collection Date: 1/28/2010 1:15:00 PM

Lab ID: 1001J17-005

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>					(SAMP_FILT)		Analyst: JY
Chromium	BRL	0.0100		mg/L	124694	1	2/3/2010 7:40 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							Analyst: AZS
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-006

**Client Sample ID:** SB-33  
**Collection Date:** 1/28/2010 1:25:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>							
<b>SW6010C</b>							
Chromium	0.683	0.0100		mg/L	124694	1	2/3/2010 7:44 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							
<b>SW7196</b>							
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	0.694	0.0100		mg/L		1	1/29/2010 11:30 AM

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



**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-007

**Client Sample ID:** SB-33D  
**Collection Date:** 1/28/2010 1:35:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>	<b>SW6010C</b>				<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	9.41	0.0100		mg/L	124694	1	2/3/2010 7:48 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>	<b>SW7196</b>						<b>Analyst: AZS</b>
Chromium as Cr+3	0.209	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	9.20	1.00		mg/L		100	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-008

**Client Sample ID:** SB-34  
**Collection Date:** 1/28/2010 1:45:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>	<b>SW6010C</b>				<b>(SAMP_FILT)</b>		Analyst: <b>JY</b>
Chromium	1.05	0.0100		mg/L	124694	1	2/3/2010 7:59 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>	<b>SW7196</b>						Analyst: <b>AZS</b>
Chromium as Cr+3	0.0186	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	1.03	0.0500		mg/L		5	1/29/2010 11:30 AM

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

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-009

**Client Sample ID:** SB-28  
**Collection Date:** 1/28/2010 2:15:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>	<b>SW6010C</b>				<b>(SAMP_FILT)</b>		Analyst: <b>JY</b>
Chromium	4.76	0.0100		mg/L	124694	1	2/3/2010 8:03 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>	<b>SW7196</b>						Analyst: <b>AZS</b>
Chromium as Cr+3	1.26	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	3.50	1.00		mg/L		100	1/29/2010 11:30 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
BRL Below Reporting Limit  
H Holding times for preparation or analysis exceeded  
N Analyte not NELAC certified  
B Analyte detected in the associated Method Blank  
> Greater than Result value

E Estimated (Value above quantitation range)  
S Spike Recovery outside limits due to matrix  
Narr See Case Narrative  
NC Not Confirmed  
< Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L**Client Sample ID:** SB-29D**Project:** Former D+H**Collection Date:** 1/28/2010 3:00:00 PM**Lab ID:** 1001J17-010**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>	<b>SW6010C</b>				<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	10.7	0.0100		mg/L	124694	1	2/3/2010 8:07 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>	<b>SW7196</b>						<b>Analyst: AZS</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	12.0	1.00		mg/L		100	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-011

**Client Sample ID:** SB-29  
**Collection Date:** 1/28/2010 3:10:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>	<b>SW6010C</b>				<b>(SAMP_FILT)</b>		Analyst: <b>JY</b>
Chromium	9.07	0.0100		mg/L	124694	1	2/3/2010 8:11 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>	<b>SW7196</b>						Analyst: <b>AZS</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	9.45	1.00		mg/L		100	1/29/2010 11:30 AM

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

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-012

**Client Sample ID:** SB-27  
**Collection Date:** 1/28/2010 3:15:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>	<b>SW6010C</b>				<b>(SAMP_FILT)</b>		<b>Analyst: JY</b>
Chromium	24.7	0.0100		mg/L	124694	1	2/3/2010 8:15 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>	<b>SW7196</b>						<b>Analyst: AZS</b>
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	28.6	1.00		mg/L		100	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-013

**Client Sample ID:** SB-31  
**Collection Date:** 1/28/2010 3:25:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>							
SW6010C					(SAMP_FILT)		Analyst: JY
Chromium	BRL	0.0100		mg/L	124694	1	2/3/2010 8:19 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							Analyst: AZS
SW7196							
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

**Analytical Environmental Services, Inc.**

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Project:** Former D+H  
**Lab ID:** 1001J17-014

**Client Sample ID:** SB-30  
**Collection Date:** 1/28/2010 3:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>METALS, DISSOLVED</b>							
<b>SW6010C</b>							
Chromium	BRL	0.0100		mg/L	124694	1	2/3/2010 8:23 PM
<b>HEXAVALENT CHROMIUM, DISSOLVED</b>							
<b>SW7196</b>							
Chromium as Cr+3	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM
Chromium, Hexavalent	BRL	0.0100		mg/L		1	1/29/2010 11:30 AM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value



# Analytical Environmental Services, Inc.

04-Feb-10

**Lab Order:** 1001J17  
**Client:** Southern Monitoring and Environmental, LLC  
**Project:** Former D+H

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J17-001A	SB-37	1/28/2010 10:45:00 AM	Groundwater	DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-002A	SB-36	1/28/2010 11:00:00 AM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-003A	SB-36D	1/28/2010 11:30:00 AM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-004A	SB-35	1/28/2010 12:15:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-005A	SB-32	1/28/2010 1:15:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-006A	SB-33	1/28/2010 1:25:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-007A	SB-33D	1/28/2010 1:35:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-008A	SB-34	1/28/2010 1:45:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-009A	SB-28	1/28/2010 2:15:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-010A	SB-29D	1/28/2010 3:00:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
				Hexavalent Chromium, Dissolved			1/29/2010
1001J17-011A	SB-29	1/28/2010 3:10:00 PM		DISSOLVED METALS BY ICP	2/3/2010		2/3/2010
				Hexavalent Chromium, Dissolved			1/29/2010
				Hexavalent Chromium, Dissolved			1/29/2010

**Lab Order:** 1001J17**Client:** Southern Monitoring and Environmental, LLC**Project:** Former D+H**DATES REPORT**

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J17-012A	SB-27	1/28/2010 3:15:00 PM	Groundwater	DISSOLVED METALS BY ICP Hexavalent Chromium, Dissolved		2/3/2010	2/3/2010
1001J17-013A	SB-31	1/28/2010 3:25:00 PM		Hexavalent Chromium, Dissolved DISSOLVED METALS BY ICP		2/3/2010	1/29/2010
1001J17-014A	SB-30	1/28/2010 3:30:00 PM		Hexavalent Chromium, Dissolved DISSOLVED METALS BY ICP		2/3/2010	1/29/2010
				Hexavalent Chromium, Dissolved		2/3/2010	1/29/2010

# Analytical Environmental Services, Inc.

Date: 04-Feb-10

**CLIENT:** Southern Monitoring and Environmental, L  
**Work Order:** 1001J17  
**Project:** Former D+H

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** METALS, DISSOLVED SW6010C

Sample ID: MB-124694	SampType: MBLK	Batch ID: 124694	Units: mg/L	Prep Date: 2/3/2010	RunNo: 164914
Client ID:	TestCode: METALS, DISSOLVED	SW6010C		Analysis Date: 2/3/2010	SeqNo: 3415221
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chromium	BRL	0.0100	0	0	0 0 0

Sample ID: LCS-124694	SampType: LCS	Batch ID: 124694	Units: mg/L	Prep Date: 2/3/2010	RunNo: 164914
Client ID:	TestCode: METALS, DISSOLVED	SW6010C		Analysis Date: 2/3/2010	SeqNo: 3415219
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chromium	1.062	0.0100	1	0	106 80 120 0 0

Sample ID: 1001J17-001AMS	SampType: MS	Batch ID: 124694	Units: mg/L	Prep Date: 2/3/2010	RunNo: 164914
Client ID: SB-37	TestCode: METALS, DISSOLVED	SW6010C		Analysis Date: 2/3/2010	SeqNo: 3415227
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chromium	1.007	0.0100	1	0	101 75 125 0 0

Sample ID: 1001J17-001AMSD	SampType: MSD	Batch ID: 124694	Units: mg/L	Prep Date: 2/3/2010	RunNo: 164914
Client ID: SB-37	TestCode: METALS, DISSOLVED	SW6010C		Analysis Date: 2/3/2010	SeqNo: 3415229
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chromium	1.014	0.0100	1	0	101 75 125 1.007 0.677 20

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

**CLIENT:** Southern Monitoring and Environmental, L  
**Work Order:** 1001J17  
**Project:** Former D+H

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** Hexavalent Chromium, Dissolved SW7196

Sample ID: MB-R164781	SampType: MBLK	Batch ID: R164781	Units: mg/L	Prep Date:	RunNo: 164781						
Client ID:	TestCode: Hexavalent Chromium, Dissolved	SW7196		Analysis Date: 1/29/2010	SeqNo: 3412437						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS-R164781	SampType: LCS	Batch ID: R164781	Units: mg/L	Prep Date:	RunNo: 164781						
Client ID:	TestCode: Hexavalent Chromium, Dissolved	SW7196		Analysis Date: 1/29/2010	SeqNo: 3412438						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.4962	0.0100	0.5	0	99.2	90	110	0	0	0	

Sample ID: 1001J17-001AMS	SampType: MS	Batch ID: R164781	Units: mg/L	Prep Date:	RunNo: 164781						
Client ID: SB-37	TestCode: Hexavalent Chromium, Dissolved	SW7196		Analysis Date: 1/29/2010	SeqNo: 3412440						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.4748	0.0100	0.5	0	95	85	115	0	0		H

Sample ID: 1001J17-001AMSD	SampType: MSD	Batch ID: R164781	Units: mg/L	Prep Date:	RunNo: 164781						
Client ID: SB-37	TestCode: Hexavalent Chromium, Dissolved	SW7196		Analysis Date: 1/29/2010	SeqNo: 3412441						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.4742	0.0100	0.5	0	94.8	85	115	0.4748	0.126	20	H

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



Advanced  
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Phone: (904)363-9350  
Fax: (904)363-9354

March 23, 2010

Kenny Moore  
SM&E LLC  
709 Talleyrand Ave  
Suite 2  
Jacksonville, FL 32202

RE: Workorder: J1002254 Adel, GA

Dear Kenny Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, March 17, 2010. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Gunsaulies  
pgunsaulies@aellab.com

Enclosures

Report ID: 120250 - 2478216

Page 1 of 9

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## SAMPLE SUMMARY

Workorder: J1002254 Adel, GA

Lab ID	Sample ID	Matrix	Date Collected	Date Received
J1002254001	DMW-1	Water	3/16/2010 19:00	3/17/2010 12:35

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## ANALYTICAL RESULTS

Workorder: J1002254 Adel, GA

Lab ID: **J1002254001**

Date Received: 3/17/2010 12:35 Matrix: Water

Sample ID: **DMW-1**

Date Collected: 3/16/2010 19:00

Sample Description

Location

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>METALS</b>								
Analysis Desc: SW846 6010B	Preparation Method: SW-846 3005A							
Analysis,Dissolved	Analytical Method: SW-846 6010,Dissolved							
Arsenic	0.0085	mg/L	U	1	0.010	0.0085	3/18/2010 13:48	J
Barium	0.13	mg/L		1	0.0020	0.00028	3/18/2010 13:48	J
Cadmium	0.00032	mg/L	U	1	0.00060	0.00032	3/18/2010 13:48	J
Chromium	0.0080	mg/L		1	0.0040	0.00050	3/18/2010 13:48	J
Lead	0.0013	mg/L	U	1	0.0070	0.0013	3/18/2010 13:48	J
Selenium	0.0068	mg/L	U	1	0.020	0.0068	3/18/2010 13:48	J
Silver	0.00044	mg/L	U	1	0.0040	0.00044	3/18/2010 13:48	J
Analysis Desc: SW846 6010B	Preparation Method: SW-846 3010A							
Analysis,Water	Analytical Method: SW-846 6010							
Arsenic	0.0085	mg/L	U	1	0.010	0.0085	3/18/2010 16:29	J
Barium	0.15	mg/L		1	0.0020	0.00028	3/18/2010 16:29	J
Cadmium	0.00032	mg/L	U	1	0.00060	0.00032	3/18/2010 16:29	J
Chromium	0.010	mg/L		1	0.0040	0.00050	3/18/2010 16:29	J
Lead	0.0013	mg/L	U	1	0.0070	0.0013	3/18/2010 16:29	J
Selenium	0.0068	mg/L	U	1	0.020	0.0068	3/18/2010 16:29	J
Silver	0.00044	mg/L	U	1	0.0040	0.00044	3/18/2010 16:29	J
Analysis Desc: SW846 7470A	Preparation Method: SW-846 7470A							
Analysis,Water	Analytical Method: SW-846 7470A							
Mercury	0.000014	mg/L	U	1	0.00010	0.000014	3/19/2010 12:21	J
<b>METALS, DISSOLVED</b>								
Analysis Desc: SW846 7470A	Preparation Method: SW-846 7470A							
Analysis,Dissolved	Analytical Method: SW-846 7470A							
Mercury	0.000014	mg/L	U	1	0.00010	0.000014	3/19/2010 14:20	J
<b>WET CHEMISTRY</b>								
Analysis Desc:	Analytical Method: SW 9040B							
pH,SW9040B,RCRA,Water								
pH	6.74	pH unit	Q	1	1.0	1.0	3/23/2010 16:00	J

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: J1002254 Adel, GA

---

### PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- Q Missed Hold Time

### LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)

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## QUALITY CONTROL DATA

Workorder: J1002254 Adel, GA

QC Batch: DGMj/20888 Analysis Method: SW-846 6010,Dissolved  
QC Batch Method: SW-846 3010A Prepared: 3/18/2010 05:00  
Associated Lab Samples: J1002219001 J1002254001

METHOD BLANK: 507511

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Silver	mg/L	0.00044U	0.00044
Arsenic	mg/L	0.0085U	0.0085
Barium	mg/L	0.00028U	0.00028
Cadmium	mg/L	0.00032U	0.00032
Chromium	mg/L	0.00050U	0.00050
Lead	mg/L	0.0013U	0.0013
Selenium	mg/L	0.0068U	0.0068

QC Batch: DGMj/20890 Analysis Method: SW-846 6010  
QC Batch Method: SW-846 3010A Prepared: 3/18/2010 05:00  
Associated Lab Samples: J1002219001 J1002253001 J1002253002 J1002253003 J1002254001

METHOD BLANK: 507522

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Silver	mg/L	0.00044U	0.00044
Arsenic	mg/L	0.0085U	0.0085
Barium	mg/L	0.00028U	0.00028
Cadmium	mg/L	0.00032U	0.00032
Chromium	mg/L	0.00050U	0.00050
Lead	mg/L	0.0013U	0.0013
Selenium	mg/L	0.0068U	0.0068

QC Batch: DGMj/20896 Analysis Method: SW-846 7470A  
QC Batch Method: SW-846 7470A Prepared: 3/19/2010 08:30  
Associated Lab Samples: J1002167001 J1002167002 J1002167003 J1002167004 J1002167005 J1002167006  
J1002219001 J1002254001 M1000330001 M1000330002 M1000330003 M1000330004  
M1000330005 M1000330006 M1000330007 M1000330008 M1000330009 M1000330010  
M1000330011 M1000330012

METHOD BLANK: 507842

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Mercury	mg/L	0.000014U	0.000014

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## QUALITY CONTROL DATA

Workorder: J1002254 Adel, GA

---

QC Batch:	DGMj/20897	Analysis Method:	SW-846 7470A
QC Batch Method:	SW-846 7470A	Prepared:	3/19/2010 08:30
Associated Lab Samples:	J1002219001	J1002254001	

---

METHOD BLANK: 508018

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Mercury	mg/L	0.000014U	0.000014

---

---

QC Batch:	WCAj/22847	Analysis Method:	SW 9040B
QC Batch Method:	SW 9040B	Prepared:	
Associated Lab Samples:	J1002254001		

---

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## QUALITY CONTROL DATA QUALIFIERS

Workorder: J1002254 Adel, GA

---

### QUALITY CONTROL PARAMETER QUALIFIERS

J4	Estimated Result
Q	Missed Hold Time

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: J1002254 Adel, GA

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
J1002254001	DMW-1	SW-846 3005A	DGMj/20888	SW-846 6010,Dissolved	ICPj/20275
J1002254001	DMW-1	SW-846 3010A	DGMj/20890	SW-846 6010	ICPj/20276
J1002254001	DMW-1	SW-846 7470A	DGMj/20896	SW-846 7470A	CVAj/16667
J1002254001	DMW-1	SW-846 7470A	DGMj/20897	SW-846 7470A	CVAj/16668
J1002254001	DMW-1	SW 9040B	WCAj/22847		

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☐ 6815 SW Archer Road, Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639 • EB2001  
☐ 528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.9

LAB NUMBER:

**J1002254**

[illegible]

## **Boring Logs**

PROJECT: <b>Former D &amp; H Farms</b>					<b>Log of Boring No. DW-1</b>			
PROJECT LOCATION: <b>Adel, Georgia</b>					GROUND SURFACE ELEVATION AND DATUM:			
DRILLING CONTRACTOR: <b>Betts Environmental Recovery</b>					DATE STARTED: <b>3/16/10</b>		DATE FINISHED: <b>3/16/10</b>	
DRILLING METHOD: <b>Hollow Stem Auger</b>					TOTAL DEPTH (ft.): <b>55</b>		SCREEN INTERVAL (ft.): <b>50-55</b>	
DRILLING EQUIPMENT: <b>CME-55</b>					DEPTH TO WATER:	FIRST: <b>20</b>	COMPL.: <b>18.76</b>	CASING: <b>0-50</b>
SAMPLING METHOD: <b>Split Spoon</b>					LOGGED BY: <b>K. Moore</b>			

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Sample	Blows/ Foot			
0					Top of Casing Elevation: 99.21	
1					Concrete	
2					Red brown silty clay, no odor	
3						
4						
5						
6					no moisture, medium/fine grain sand	
7						
8						
9						
10						
11						
12						
13					Medium/fine grain sand moist at 20 feet	
14						
15						
16						
17						
18						
19					Gray clayey silt	
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32					Red silty clay, no odor, saturated fine/medium grain sand	
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49					Gray silty clay medium to fine grain sand, saturated, no odor	
50						
51						
52						
53						
54						
55						
56						
58						Terminate boring at 55 ft-bls



## **Legal Description**



RECORDED  
 DEPT. OF REVENUE  
 SUPERIOR COURT  
 FOR RECORD 8/31 2007  
 AT 8:00 O'CLOCK A M  
 INDEXED 8/31 2007 IN  
duo 586 PAGE 317-323  
J. Sargent CLERK  
2/05

RETURN TO: Edwin R. Byck  
 P.O. Box 10105  
 Savannah, GA 31412-0305

## DEED TO SECURE DEBT

STATE OF GEORGIA }

COUNTY OF COOK }

GEORGIA INTANGIBLE TAX PAID  
4230.00  
August 30 07  
Donnie Simmons  
 COOK CO. TAX COLLECTOR/COMMISS.  
16

THIS INDENTURE, made as of this 27th day of August, 2007 between **D & H FARMS, LLC** hereinafter (whether one or more) called Grantor, and **FIRST NATIONAL BANK OF NASSAU COUNTY, 1891 S. 19th Street, Fernandina Beach, Florida, 32034**, a Florida banking corporation, hereinafter called Grantee.

### WITNESSETH:

For and in consideration of the premises and of the sum hereinafter set forth, Grantor has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto Grantee the following property, to-wit:

### SEE EXHIBIT "A" ATTACHED HERETO

It is the intention of the parties to create a perpetual or indefinite security interest in the real property described herein pursuant to O.C.G.A. '44-14-80 (a) (2) and to agree that title shall not revert to the Grantor herein for a period of 20 years from the date of this conveyance.

**WHEREAS**, Grantor is justly indebted to Grantee as follows:

One Note of even date herewith in the principal amount of \$1,410,000.00 and bearing an initial interest at the rate of 10.25% per annum and being repayable in accordance with the terms of said Note with the entire principal balance along with all accrued but unpaid interest, if not sooner paid, being due and payable in full 20 years from the execution of this Deed to Secure Debt, or August 27, 2027.

This instrument is a deed passing legal title pursuant to the laws of the State of Georgia governing loan or security deeds and is not a mortgage; and is made and intended to secure the payment of the indebtedness of Grantor to Grantee evidenced by the Note in accordance with the terms thereof, together with any and all other indebtedness now owing or which may hereafter be owing by Grantor to Grantee, however incurred, whether directly or primarily, indirectly or secondarily, or contingently, and all renewal or renewals and extension or extensions of the Note or other indebtedness, either in whole or in part.

If any portion of said indebtedness or any provision of this instrument shall be held invalid for any reason, it is the intent of the parties that such portion shall be severable, and such invalidity shall not affect the remainder of said debt or instrument. Any one of several persons named as grantee herein or their assigns may receive payment of the secured indebtedness and execute a valid cancellation or reconveyance hereof. No release of any part of the property herein described or extension or extension of all or any part of the indebtedness hereby secured, shall affect the personal liability of any person upon the indebtedness hereby secured, nor the priority of this instrument.

**TO HAVE AND TO HOLD** the said bargained property with all and singular the rights, members and appurtenances thereto appertaining, to the only proper use, benefit and behoof of Grantee, in fee simple and Grantor hereby covenants that Grantor is lawfully seized and possessed of said property, and has a good right to convey it, and it is unencumbered; and Grantor, the said bargained property, unto Grantee, against Grantor, and against all and every other person or persons shall and will WARRANT AND FOREVER DEFEND.

Should the indebtedness hereby secured be paid according to the tenor and effect thereof when the same shall become due and payable, and should Grantor perform all covenants herein contained, then this deed shall be cancelled and surrendered, it being intended by the parties hereto that this instrument shall operate as a deed, and not as a mortgage.

The Grantor covenants and agrees, so long as any indebtedness secured hereby shall remain unpaid, to keep the property and all improvements thereon in as good condition as now exists, natural wear and tear excepted, and also not to demolish, destroy, or remove any permanent structure now existing on the premises or make any alteration thereon that would constitute a structural change without the written consent of the Grantee; to pay all taxes and assessments that may be liens upon said property, as they become due; and to keep the improvements on said property fully insured against loss by fire and other hazards as may, from time to time, be required by Grantee in amounts and companies and with mortgage clause approved by Grantee, and shall deliver the policies of insurance and any renewals thereof to the said Grantee; and that any tax, assessment, prior lien or premium of insurance, not paid when due by the Grantor may be paid by the Grantee, and any sum so paid shall be added to the amount of said principal debt as part thereof, shall draw interest from the time of said payment at the rate of sixteen per cent (16%) per annum, and shall, with interest, be covered by the security of this deed.

**AND** Grantor hereby further covenants and agrees that in case of any default in any partial payment of said indebtedness or in the due performance of any of the covenants herein expressed to be performed by Grantor, then and in that event, the entire amount of said principal indebtedness together with any and all sums paid for account of Grantor in accordance with the provisions above set forth, shall, at the option of Grantee, then and thereby become and be due and payable forthwith, with accrued interest, and all expenses and cost of collection, including fifteen per centum (15%) of the amount due as attorney's fees, and the amount of such costs, expenses and fees shall be added to the amount of the debt hereby secured as part thereof, and as such shall also be covered by the security of this deed; and time is the essence of this contract.

Should default occur in the payment of any portion of the indebtedness secured hereby, or taxes, or insurance premiums herein mentioned, or in the performance of any obligation or condition recited herein, then and in that event Grantee shall be at liberty immediately to apply for and shall be entitled as a matter of right, without regard to the value of the property above described, or to the solvency or insolvency of Grantor, to the appointment of a receiver to collect the rents and profits of said property and with the power to sell said property under order of Court and apply the net proceeds of the sale toward the payment of the debt secured by this deed.



In consideration of the loan made Grantor by Grantee, and to further secure the indebtedness of Grantor to Grantee hereunder, Grantor hereby sells, assigns and transfers to Grantee all of the rent which shall hereafter become due or be paid on the above described property; but Grantee agrees that this rent assignment will not be enforced so long as no default on the part of Grantor exists under the terms and conditions of this deed, and while no such default exists, Grantee waives its rights to and its interest in said rents, but upon any default in the performance of any agreement or covenant to be performed by Grantor under the terms of this deed, or the note referenced herein, Grantor agrees that Grantee may enter upon said property and collect the rents therefrom, and hereby constitutes Grantee as Grantors agent to declare the existence of a default hereunder, and Grantor hereby agrees that any tenant in said property or any renting agent in charge thereof shall be, and is hereby, authorized when a default shall be so declared to exist, to pay any such rents to Grantee, to be applied toward the payment of the debt secured hereby or as provided by law.

The title, interest, rights and powers granted herein by Grantor to Grantee, particularly the power of sale granted herein, shall inure to the benefit of anyone to whom Grantee shall assign the indebtedness herein secured, and/or convey the property herein described, as well as to the successors and legal representatives of Grantee.

In case the debt hereby secured shall not be paid when it becomes due by maturity in due course, or by reason of a default as herein provided, Grantor hereby grants to Grantee, the following irrevocable power of attorney: To sell all or any part of the said property at auction, at the usual place for conducting sales at the courthouse in the county where the land or any part thereof lies, in said State, to the highest bidder for cash, after advertising the time, terms and place of such sale once a week for four weeks immediately preceding such sale (but without regard to the number of days) in a newspaper published in the county where the land or any part thereof lies, or in the paper in which the Sheriff's advertisements for such county are published, all other notice being hereby waived by Grantor; and Grantee (or any person on behalf of Grantee) may bid and purchase at such sale and thereupon execute and deliver to the purchaser or purchasers at such sale a sufficient conveyance of said property in fee simple, which conveyance may contain recitals as to the happening of the default upon which the execution of the power of sale herein granted depends, and Grantor hereby constitutes and appoints Grantee the agent and attorney in fact of Grantor to make such recitals, and hereby covenants and agrees that the recitals so made by Grantee shall be binding and conclusive upon Grantor, and that the conveyance to be made by Grantee shall be effectual to bar equity of redemption of Grantor in and to said property, and Grantee shall collect the proceeds of such sale, and after reserving therefrom the entire amount of principal and interest due, together with the amount of taxes, assessments and premiums of insurance or other payments theretofore paid by Grantee, with twelve per centum (12%) per annum thereon from date of payment, together with all costs and expenses of sale and fifteen per centum (15%) of the aggregate amount due for attorney's fees, shall pay any excess to Grantor as provided by law.

In case of any sale under this deed by virtue of the exercise of the power herein granted, or pursuant to any order in any judicial proceedings or otherwise, the property or any part thereof may be sold in one parcel and as entirety, or in such parcels, manner or order as Grantee in its sole discretion may elect, and one or more exercises of the powers herein granted shall not extinguish or exhaust the power unless the entire property is sold or the secured indebtedness paid in full.

**AND** Grantor further covenants that in case of a sale as hereinbefore provided, Grantor, or any person in possession under Grantor, shall then become and be tenants holding over and shall forthwith deliver possession to the purchaser at such sale, or be summarily dispossessed, in accordance with the provisions of law applicable to tenants holding over.

The power and agency hereby granted are coupled with an interest and are irrevocable by death or otherwise and are granted as cumulative to the remedies for collection of said indebtedness provided by law.

It is agreed that the Grantee shall be subrogated to the claims and liens of all parties whose claims or liens are discharged or paid with the proceeds of the loan secured hereby.

Whenever the terms "Grantor" or "Grantee" are used in this deed such terms shall be deemed to include the heirs, administrators, executors, successors and assigns of said parties. All rights and powers herein granted to the Grantee shall inure to and include his, her or its heirs, administrators, executors, successors and assigns, and all obligations herein imposed on the Grantor shall extend to and include Grantor's heirs, administrators, executors, successors, and assigns.

The Loan secured by this lien was made under a United States Small Business Administration (SBA) nationwide program which uses tax dollars to assist small business owners. If the United States is seeking to enforce this document, then under SBA regulations:

a) When SBA is the holder of the Note, this document and all documents evidencing or securing this Loan will be construed in accordance with federal law.

b) Lender or SBA may use local or state procedures for purposes such as filing papers, recording documents, giving notice, foreclosing liens, and other purposes. By using these procedures, SBA does not waive any federal immunity from local or state control, penalty, tax or liability. No Borrower or Guarantor may claim or assert against SBA any local or state law to deny any obligation of Borrower, or defeat any claim of SBA with respect to this Loan.

Any clause in this document requiring arbitration is not enforceable when SBA is the holder of the Note secured by this instrument.

IN WITNESS WHEREOF, Grantors have caused this instrument to be executed and sealed the day and year first above written.

D & H FARMS, LLC

By: \_\_\_\_\_

David A. Glisson, Jr.  
Manager

By: \_\_\_\_\_

Nancy T. Glisson  
Member

Signed, sealed and delivered in the presence of:

Witness \_\_\_\_\_

NOTARY PUBLIC





## CONVENTIONAL WAIVER OF BORROWER'S RIGHTS

OWNER: D & H FARMS, LLC  
LENDER: FIRST NATIONAL BANK OF NASSAU COUNTY  
DATE: August 27, 2007

### BY EXECUTION OF THIS PARAGRAPH, GRANTOR EXPRESSLY:

- (1) Acknowledges the rights to accelerate the debt and the power of attorney given herein to Lender to sell the premise by nonjudicial foreclosure upon default by notice other than such notice as is specifically required to be given under the provisions of said Deed to Secure Debt;
- (2) Waives any and all rights which Borrower may have under the Fifth and Fourteenth Amendments to the Constitution for the several states, or by reason of any other applicable law, to notice and to judicial hearing prior to the exercise by Lender of any right or remedy herein provided to Lender, except such notice as is specifically required to be provided in said Deed to Secure Debt;
- (3) Acknowledges that Borrower has read this Deed and any and all questions regarding the legal effect of said Deed and its provisions have been explained fully to Borrower and Borrower has been afforded an opportunity to consult with counsel of Borrower's choice prior to executing this Deed;
- (4) Acknowledges that all waivers of the aforesaid rights of Borrower have been made knowingly, intentionally and willingly by Borrower as part of a bargain for Loan Transaction;
- (5) Acknowledges that Borrower's rights to notice shall be limited to those rights to notice provided in this Deed and no other;
- (6) Agrees that the provisions hereof are incorporated into and made a part of the Security Deed.

IN WITNESS WHEREOF, the said Borrower has read and agreed to the above by affixing hand and seal, this 27th day of August, 2007.

D & H FARMS, LLC

By: \_\_\_\_\_

David A. Glisson, Jr.  
Manager

By: \_\_\_\_\_

Nancy T. Glisson  
Member

Signed, sealed and delivered in the presence of:

WITNESS

NOTARY PUBLIC



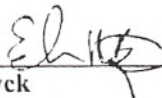
## CLOSING ATTORNEY'S AFFIDAVIT

OWNER: D & H FARMS, LLC  
LENDER: FIRST NATIONAL BANK OF NASSAU COUNTY  
DATE: August 27, 2007

Before the undersigned attesting officer personally appeared the undersigned closing attorney or agent, who having been the first duly sworn according to law states under oath as follows:

In closing the above loan, but prior to the execution of the Deed to Secure Debt and "Acknowledgment and Waiver of Borrower's Rights" by the Borrower(s), a representative of the firm reviewed with and explained to the Borrower(s) the term and provisions of the Deed to Secure Debt and particularly the provisions thereof authorizing the Lender to sell the secured property by a non-judicial foreclosure under a power of sale, together with the "Acknowledgment and Waiver of Borrower's Rights" and informed the Borrower(s) of Borrower's rights under the Constitution of the State of Georgia and the Constitution of the United States to notice and a judicial hearing prior to such foreclosures in the absence of a knowing, intentional and willing contractual waiver by Borrower(s) of Borrower's rights. After said review with an explanation to Borrower(s), Borrower(s) executed the Deed to Secure Debt and "Acknowledgment and Waiver of Borrower's Rights."

Based on said review and explanation to the Borrower(s), it is the opinion of the firm that the Borrower(s) knowingly, intentionally and willingly executed the waiver of Borrower's constitutional rights to notice and judicial hearing prior to any such nonjudicial foreclosure.

  
\_\_\_\_\_  
Edwin R. Byck  
Closing Attorney

Signed, sealed and delivered in the presence of:

  
\_\_\_\_\_  
NOTARY PUBLIC

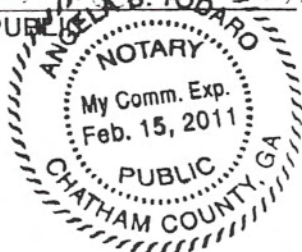




Exhibit "A"  
Legal Description

ALL that tract or parcel of land lying and being in the Lot of Land No. 377 of the Ninth Land District of the City of Adel, Cook County, Georgia, more particularly described as follows.

COMMENCING AS A POINT OF REFERENCE ONLY at the point of intersection of the southeastern margin of the right of way of the Southern Railway Company property with the southwestern margin of the right of way of Interstate Highway Number 75; and from said point of reference run South 36 degrees 55 minutes 58 seconds west along the southeastern margin of said railway right of way a distance of 1099.35 feet to a point located at the intersection of the southeastern margin of said railway right of way with the southern margin of the right of way of a county road; thence run South 36 degrees 52 minutes 00 seconds West along the southeastern margin of said railway right of way a distance of 727.94 feet to a concrete monument and the POINT OF BEGINNING; and from said POINT OF BEGINNING RUN South 36 degrees 52 minutes 00 seconds West along the southeastern margin of said railway right of way a distance of 1107.42 feet to an iron pin; thence run South 49 degrees 38 minutes 22 seconds East a distance of 450.84 distance of 1134.92 feet to a concrete monument; thence run North 53 degrees 08 minutes 00 seconds West a distance of 450.00 feet to a concrete monument and the POINT OF BEGINNING. Said property is the same property shown and depicted on the certain map or plat of survey entitled "Plat of Survey for Production Anodizing Corp. prepared by Robert P. Jolley, Jr., Registered Georgia Land Surveyor, dated August 16, 1989 and recorded in Plat Record Book 8, Page 270, records of the Clerk of the Superior Court of Cook County, Georgia, to which map or plat of survey and record thereof reference is hereby made for all purposes in aid of description.

Also, that certain 50 foot wide tract of land presently used for road purposes connecting the above described property (Production Anodizing Corp's Plant 2) to a certain public road (40 foot wide right of way) > Said 50 foot wide Tract is situate, lying and being in the City of Adel, Georgia and in Land lot 377 of the 9<sup>th</sup> Land District of Cook County, Georgia and is more particularly described as follows:

COMMENCING AS A POINT OF REFERENCE ONLY at the point of intersection of the southeastern margin of the right away of the Southern Railway Property with the Southwestern margin of the right of way of Interstate Highway 75; and from said point of reference run South 36 degrees 55 minutes 58 seconds West along the southeastern margin of said railway right of way railway a distance of 1099.35 feet to a point located at the intersection of the southeastern margin of said railway right of way with the southern margin of the right of way of a county road (said road having a 40 foot wide right of way) at the POINT OF BEGINNING; and from said POINT OF BEGINNING, run South 36 degrees 52 minutes 00 seconds West along the southeast margin of the railway right of way a distance of 727.94 feet a concrete monument and the northeasterly line of the property of Production Anodizing Corp (Plant 2); thence run South 53 degrees 08 minutes 00 seconds East for distance of 50.00 feet; thence run in northeasterly direction parallel to and 50.00 feet from the southeastern margin of said railway right of way for distance of 730.00 feet, more or less to the southern margin of the right of way of said county road; thence run in a westerly direction along the southern margin of the right of way of said county road a distance of 50.00 feet, more or less, to the POINT OF BEGINNING.

This is the same property deeded from Production Anodizing Corp. to D & H Farms, LLC in Deed Book 386, Page 248 with a current PIN#40B-24 and has an address of 1460 Industrial Blvd, Adel, Georgia, Cook County.

8/31 07 800  
8/31 07

## **Risk Reduction Standard Calculations**



TABLE 6 - A

## HSRA TYPE 4 RISK REDUCTION STANDARDS FOR GROUNDWATER

Former D &amp; H Farms

Per GA HSRA 391-3-19-.07(8)(d)

December 2009

Constituent	CAS No.	Type 4 GW Criteria - Calculated Criteria (9)(c)1 and 2 (mg/l)			Type 4 GW Criteria - Look Up - (9)(c) (mg/l)				Type 4 Groundwater Criteria (Calculated or Look-up <b>only if</b> <b>no calculated values</b> ) (mg/l) Basis
		NonCancer-Based (Eq. 2 RAGS B)	Cancer-Based (Eq. 1 RAGS B)	Lowest Value (Eq. 1 & 2 - RAGS B)	Table 1-III-HSRA	Background	PQL	Highest of Non-Calc.	
Lead	7439921	NC	NC	NC	0.015	0	0.005	0.015	1.50E-02
Chromium III	16065831	1.53E+02	NC	1.53E+02	0.1	0	0.005	0.1	1.53E+02 Risk-based
Chromium VI	18540299	3.07E-01	NC	3.07E-01	0.1	0	0.005	0.1	3.07E-01 Risk-based
Beryllium	7440417	2.04E-01	NC	2.04E-01	0.004	0	0.005	0.005	2.04E-01 Risk-based
Cadmium	7440439	5.11E-02	NC	5.11E-02	0.005	0	0.005	0.005	5.11E-02 Risk-based
Nickel	7440020	2.04E+00	NC	2.04E+00	0.1	0	0.005	0.1	2.04E+00 Risk-based

**Notes:**

Calculations are detailed in Tables 6-B through 6-D.

NA = Not available (none in available databases) or not appropriate (i.e., most metals are not volatile at environmental temperatures)

NC = Not calculated (either not appropriate, or there were missing values, i.e., no molecular diffusivity values for most metals).

NS = Not sampled

NL = Not listed

ND = Not determined

BDL = Below detection Limit

Shaded Cells - Not referenced

PQLs assume Test Method 8240

Date Printed

04-Jan-10

TABLE 6 - B

## HSRA TYPE 4 RISK REDUCTION STANDARDS FOR GROUNDWATER

Former D &amp; H Farms

Per GA HSRA 391-3-19-.07(8)(d)

December 2009

## Calculation of Risk-Based Type 4 Criteria for Groundwater per RAGS B Equations 1 and 2

Constituent	CAS No.	Calculation of Non-Cancer Based Type 4 RRS - (9)(c)(1)					Calculation of Cancer Based Type 4 RRS - (9)(c)(2)					
		Chronic Ref. Doses		Calculated Terms for		Non-Cancer Based EPA RAGS B Equation 2 (mg/kg)	Cancer Weight-of-Evidence Target Haz Risk	Cancer Slope Factors		Calculated Terms for		Cancer Based EPA RAGS B Equation 1 (mg/kg)
		Table 4-C		RAGS B Equation 2				Table 4-C		RAGS B Equation 1		
		RfDo	RfDi	1/RfDo	1/RfDi			SFo	SFi	SFo	SFi	
		Oral	Inhalation	1/(mg/kg-day)		Oral	Inhalation	(mg/kg-day-1)		(mg/kg-day-1)		
Lead	7439921	NA	NA	0.000	0.000	NC	1.0E-05	NA	NA	0.00E+00	0.00E+00	NC
Chromium III	16065831	1.50E+00	NA	0.667	0.000	1.533E+02	1.0E-05	NA	NA	0.00E+00	0.00E+00	NC
Chromium VI	18540299	3.00E-03	NA	333.333	0.000	3.066E-01	1.0E-05	NA	NA	0.00E+00	0.00E+00	NC
Beryllium	7440417	2.00E-03	NA	500.000	0.000	2.044E-01	1.0E-05	NA	NA	0.00E+00	0.00E+00	NC
Cadmium	7440439	5.00E-04	NA	2000.000	0.000	5.110E-02	1.0E-05	NA	NA	0.00E+00	0.00E+00	NC
Nickel	7440020	2.00E-02	NA	50.000	0.000	2.044E+00	1.0E-05	NA	NA	0.00E+00	0.00E+00	NC

Non-cancer Based Soil Concentrations Calculated per Equation 2 of RAGS B. See Equation B1 in Table 6 - D

Cancer Based Soil Concentrations Calculated per Equation 1 of RAGS B. See Equation B2 in Table 6 - D

## Terms and Units (HSRA Table 3)

Chemical Concentration	C	mg/l	***
Target Hazard Index	THI	unitless	1
Target Risk	TR	unitless	1.00E-05
Oral Reference Dose	RfDo	mg/kg-Day	chem. spec.
Inhalation Reference Dose	RfDi	mg/kg-Day	chem. spec.
Oral Slope Factor	SFo	mg/kg-day-1	chem. spec.
Inhalation Slope Factor	SFi	mg/kg-day-1	chem. spec.
Adult Body Weight	BW	kg	70
Averaging Time (nc)	ATnc	yr	25
Averaging Time (c)	ATc	yr	70
Exposure Freq.	EF	Days/yr	250
Exposure Duration	ED	years	25
Intake Rate - Air	IRa	m3/Day	20
Intake Rate - Water	IRw	l/Day	1
Volatilization Factor	K	l/m3	0.5

## Notes:

Type 4 RRS does not specify carcinogenic risk of 1E-4 for Class "C" Carcinogens.

NA = Not available (none in available databases) or not appropriate (i.e., constituent may not be a carcinogen or may not have systemic toxicity)

NC = Not calculated (either not appropriate, or there were missing values)

ND = Not determined

Shaded Cells - Not referenced

TABLE 6 - C

## HSRA TYPE 4 RISK REDUCTION STANDARDS FOR GROUNDWATER

*Former D & H Farms**Per GA HSRA 391-3-19-.07(8)(d)**December 2009*

## Toxicology Data

Constituent	Chronic Reference Doses (EPA Reg. III RBC Table)		Cancer Slope Factors (EPA Reg. III RBC Table)	
	Oral mg/kg-day	Inhalation mg/kg-day	Oral mg/kg-day-1	Inhalation mg/kg-day-1
Lead	NA	NA	NA	NA
Chromium III	1.5E+00	NA	NA	NA
Chromium VI	3.0E-03	NA	NA	NA
Beryllium	2.0E-03	NA	NA	NA
Cadmium	5.0E-04	NA	NA	NA
Nickel	2.0E-02	NA	NA	NA

*Health Criteria (Non-carcinogenic Reference Doses and Cancer Slope Factors) are obtained from the US EPA Regional screening table revised April 2009.*

*NA = Not applicable or no value available*

*NR = Not reported or not evaluated*

TABLE 6 - D

HSRA TYPE 4 RISK REDUCTION STANDARDS FOR GROUNDWATER  
Former D & H Farms  
Per GA HSRA 391-3-19-.07(8)(d)  
December 2009

Equations and Calculations - Based on Chromium VI

TABLE 3 - B

Calculation of Risk-Based Type 4 Criteria for Water per RAGS B Equations 1 and 2

<b>Eq. B1 - Calculate Non-Carcinogenic RBC</b> RAGS 2	$NC = (ChromiumVI) \frac{1 \times 70 \times 25 \times 365}{250 \times 25 \times \left[ (100 \times 0.5 \times 20) + (3333 \times 1) \right]}$
<b>Eq. B2 - Calculate Carcinogenic RBC</b> RAGS 1	$C = (ChromiumVI) \frac{0.00001 \times 70 \times 70 \times 365}{25 \times 250 \times \left[ (0.4 \times 0.5 \times 20) + (0.4 \times 1) \right]}$

## **Waste Disposal Manifest and Laboratory Report**

GENERATOR	<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>G A C E S Q G</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>770-653-4891</b>		4. Waste Tracking Number <b>00291</b>	
	5. Generator's Name and Mailing Address  <b>CR</b>		First Nat'l Bank of Nassau County 1891 South 14 <sup>th</sup> Street Fernandina Beach, FL 32034 770-653-4891				Generator's Site Address (If different than mailing address)  1490 Industrial Blvd. Adel, GA 31620			
	6. Transporter 1 Company Name <b>Greenleaf Treatment Services</b>						U.S. EPA ID Number <b>G A R 0 0 0 0 0 7 4 8 4</b>			
	7. Transporter 2 Company Name						U.S. EPA ID Number			
	8. Designated Facility Name and Site Address  <b>Greenleaf Treatment Services</b> 100 Waste Research Drive Macon, GA 31206 478-788-8899						U.S. EPA ID Number <b>G A R 0 0 0 0 0 7 4 8 4</b>			
	Facility's Phone:									
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit WL/Vol.			
			No. Type							
	1. Non-Regulated Material, Liquid (Water & Soil) Approval #		002 DM		110		G			
	2. Non-Regulated Material, Solid (IDW Soil) Approval #		004 DM		3200		P			
3.										
4.										
13. Special Handling Instructions and Additional Information  1. Water & soil: 2x55 2. IDW soil: 4x55 3.										
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.										
Generator's/Offoror's Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____										
TRANSPORTER	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	16. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____									
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____										
DESIGNATED FACILITY	17. Discrepancy									
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number: _____									
	17b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____									
	Facility's Phone: _____									
17c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____										
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a										
Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____										



Advanced Environmental Laboratories, Inc.

6601 Southpoint Parkway  
Jacksonville, FL 32216

Phone: (904)363-9350

Fax: (904)363-9354

June 11, 2010

Kenny Moore  
Southern Monitoring & Environmental, LLC  
4755 Prather Farm Circle  
Cumming, GA 30040

RE: Workorder: J1004658 Adel, GA

Dear Kenny Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, June 07, 2010. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Gunsaulies  
pgunsaulies@aellab.com

Enclosures

Report ID: 128700 - 2698272

Page 1 of 9

### **CERTIFICATE OF ANALYSIS**

This report shall not be reproduced, except in full,  
without the written consent of Advanced Environmental Laboratories, Inc..

## SAMPLE SUMMARY

Workorder: J1004658 Adel, GA

Lab ID	Sample ID	Matrix	Date Collected	Date Received
J1004658001	Drum-1	Water	6/7/2010 14:30	6/7/2010 15:30
J1004658002	Drum-1	Soil	6/7/2010 14:35	6/7/2010 15:30
J1004658003	Drum-2	Soil	6/7/2010 14:45	6/7/2010 15:30

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## ANALYTICAL RESULTS

Workorder: J1004658 Adel, GA

Lab ID: **J1004658001**

Date Received: 6/7/2010 15:30 Matrix: Water

Sample ID: **Drum-1**

Date Collected: 6/7/2010 14:30

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 6010B		Preparation Method: SW-846 3010A						
Analysis, TCLP		Analytical Method: SW-846 6010						
Arsenic	0.42	mg/L	U	1	0.50	0.42	6/10/2010 15:21	J
Barium	0.042	mg/L	I	1	0.10	0.014	6/10/2010 15:21	J
Cadmium	0.016	mg/L	U	1	0.030	0.016	6/10/2010 15:21	J
Chromium	0.077	mg/L	I	1	0.20	0.025	6/10/2010 15:21	J
Lead	0.065	mg/L	U	1	0.35	0.065	6/10/2010 15:21	J
Selenium	0.34	mg/L	U	1	1.0	0.34	6/10/2010 15:21	J
Silver	0.022	mg/L	U	1	0.20	0.022	6/10/2010 15:21	J

### METALS, TCLP

Analysis Desc: SW846 7470A

Preparation Method: SW-846 7470A

Analysis, TCLP

Analytical Method: SW-846 7470A

Mercury	0.0014	mg/L	U	1	0.010	0.0014	6/11/2010 14:08	J
---------	--------	------	---	---	-------	--------	-----------------	---

Lab ID: **J1004658002**

Date Received: 6/7/2010 15:30 Matrix: Soil

Sample ID: **Drum-1**

Date Collected: 6/7/2010 14:35

Results for sample J1004658002 are reported on a wet weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 6010B		Preparation Method: SW-846 3010A						
Analysis, TCLP		Analytical Method: SW-846 6010						
Arsenic	0.085	mg/L	U	1	0.10	0.085	6/10/2010 17:50	J
Barium	1.1	mg/L		1	0.020	0.0028	6/10/2010 17:50	J
Cadmium	0.012	mg/L		1	0.0060	0.0032	6/10/2010 17:50	J
Chromium	0.14	mg/L		1	0.040	0.0050	6/10/2010 17:50	J
Lead	0.013	mg/L	U	1	0.070	0.013	6/10/2010 17:50	J
Selenium	0.068	mg/L	U	1	0.20	0.068	6/10/2010 17:50	J
Silver	0.0099	mg/L	I,V	1	0.040	0.0044	6/10/2010 17:50	J

### METALS, TCLP

Report ID: 128700 - 2698272

Page 3 of 9

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## ANALYTICAL RESULTS

Workorder: J1004658 Adel, GA

Lab ID: **J1004658002**

Date Received: 6/7/2010 15:30 Matrix: Soil

Sample ID: **Drum-1**

Date Collected: 6/7/2010 14:35

Results for sample J1004658002 are reported on a wet weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 7470A		Preparation Method: SW-846 7470A						
Analysis, TCLP		Analytical Method: SW-846 7470A						
Mercury	0.000072	mg/L	U	1	0.00050	0.000072	6/11/2010 12:13	J

Lab ID: **J1004658003**

Date Received: 6/7/2010 15:30 Matrix: Soil

Sample ID: **Drum-2**

Date Collected: 6/7/2010 14:45

Results for sample J1004658003 are reported on a wet weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 6010B		Preparation Method: SW-846 3010A						
Analysis, TCLP		Analytical Method: SW-846 6010						
Arsenic	0.085	mg/L	U	1	0.10	0.085	6/10/2010 17:55	J
Barium	0.16	mg/L		1	0.020	0.0028	6/10/2010 17:55	J
Cadmium	0.0032	mg/L	U	1	0.0060	0.0032	6/10/2010 17:55	J
Chromium	0.018	mg/L	I	1	0.040	0.0050	6/10/2010 17:55	J
Lead	0.013	mg/L	U	1	0.070	0.013	6/10/2010 17:55	J
Selenium	0.068	mg/L	U	1	0.20	0.068	6/10/2010 17:55	J
Silver	0.0079	mg/L	I,V	1	0.040	0.0044	6/10/2010 17:55	J

### METALS, TCLP

Analysis Desc: SW846 7470A

Preparation Method: SW-846 7470A

Analysis, TCLP

Analytical Method: SW-846 7470A

Mercury	0.000072	mg/L	U	1	0.00050	0.000072	6/11/2010 12:15	J
---------	----------	------	---	---	---------	----------	-----------------	---

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: J1004658 Adel, GA

---

### PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- V Method Blank Contamination

### LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)

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## QUALITY CONTROL DATA

Workorder: J1004658 Adel, GA

QC Batch: DGMj/21255 Analysis Method: SW-846 6010  
QC Batch Method: SW-846 3010A Prepared: 06/10/2010 05:00  
Associated Lab Samples: J1004658002, J1004658003

METHOD BLANK: 549878

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	mg/L	0.011	0.0044	I
Arsenic	mg/L	0.085	0.085	U
Barium	mg/L	0.0028	0.0028	U
Cadmium	mg/L	0.0032	0.0032	U
Chromium	mg/L	0.0050	0.0050	U
Lead	mg/L	0.026	0.013	I
Selenium	mg/L	0.068	0.068	U

QC Batch: DGMj/21257 Analysis Method: SW-846 6010  
QC Batch Method: SW-846 3010A Prepared: 06/10/2010 05:00  
Associated Lab Samples: J1004658001

METHOD BLANK: 549892

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	mg/L	0.00044	0.00044	U
Arsenic	mg/L	0.0085	0.0085	U
Barium	mg/L	0.00028	0.00028	U
Cadmium	mg/L	0.00032	0.00032	U
Chromium	mg/L	0.00050	0.00050	U
Lead	mg/L	0.0013	0.0013	U
Selenium	mg/L	0.0068	0.0068	U

QC Batch: DGMj/21262 Analysis Method: SW-846 7470A  
QC Batch Method: SW-846 7470A Prepared: 06/11/2010 09:00  
Associated Lab Samples: J1004658002, J1004658003

METHOD BLANK: 550600

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/L	0.000072	0.000072	U

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## QUALITY CONTROL DATA

Workorder: J1004658 Adel, GA

---

QC Batch:	DGMj/21263	Analysis Method:	SW-846 7470A
QC Batch Method:	SW-846 7470A	Prepared:	06/11/2010 09:00
Associated Lab Samples:	J1004658001		

---

METHOD BLANK: 550607

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Mercury	mg/L	0.000014	0.000014 U

## QUALITY CONTROL DATA QUALIFIERS

Workorder: J1004658 Adel, GA

### QUALITY CONTROL PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result
- V Method Blank Contamination

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: J1004658 Adel, GA

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
J1004658002	Drum-1	SW-846 3010A	DGMj/21255	SW-846 6010	ICPj/20613
J1004658003	Drum-2	SW-846 3010A	DGMj/21255	SW-846 6010	ICPj/20613
J1004658001	Drum-1	SW-846 3010A	DGMj/21257	SW-846 6010	ICPj/20610
J1004658002	Drum-1	SW-846 7470A	DGMj/21262	SW-846 7470A	CVAj/16733
J1004658003	Drum-2	SW-846 7470A	DGMj/21262	SW-846 7470A	CVAj/16733
J1004658001	Drum-1	SW-846 7470A	DGMj/21263	SW-846 7470A	CVAj/16734

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## **Deed to Secure Debt**



1908084

BOOK 608 PAGE 0134

INSTRUMENT NO. 1318

COOK COUNTY, GEORGIA  
 INTANGIBLE TAX  
 DATE 5/28/08  
 PAID 675.00  
 Louis M. Gannett  
 CLERK OF SUPERIOR COURT

GEORGIA, COOK COUNTY  
 OFFICE OF CLERK OF SUPERIOR COURT  
 FILED FOR RECORD 5/28/08 20:08  
 AT 3:51 O'CLOCK P. M.  
 RECORDED 5/28 20:08 IN  
 Deed BOOK 608 PAGE 134  
 Louis M. Gannett, CLERK

After recording, please return to:  
 ADDRESS:

Edwin R. Byck, Esq.  
 P.O. Box 10105  
 Savannah, GA 31412-0305  
 (912) 233-2251

TELEPHONE NO:

Modification Agreement Increase to  
 Loan by \$225,000,  
 Intangible tax Due of 675.

STATE OF GEORGIA )  
 )  
 COUNTY OF COOK )

### MODIFICATION AGREEMENT TO DEED TO SECURE DEBT TO INCREASE LOAN

In Re: Deed to Secure Debt dated August 27, 2007 recorded in Deed Record Book 586,  
 Pages 317-323, Public Records of Cook County, Georgia.

THIS AGREEMENT, made and entered into this 22<sup>nd</sup> day of May, 2008 between D&H Farms, LLC (hereinafter called "Borrower") and First National Bank of Nassau County (hereinafter called "Lender").

### WITNESSETH:

WHEREAS, on August 27, 2007 the Borrower and TSP Farms, LLC executed a promissory note in favor of the Lender in the amount of \$1,410,00.00 and with a maturity date of August 27, 2027 (the "Note") and

WHEREAS, the Borrower secured said Note by executing and delivering a Deed to Secure Debt on certain real property located at 1460 Industrial Boulevard, Adel Cook County, Georgia, as more particularly described therein, said Deed to Secure Debt being recorded in the Office of the Clerk of the Superior Court of Cook County, Georgia, in Deed Record Book 586, Page 317-323 (the "Deed to Secure Debt"); and

TSP Farms 87-1838-16

**WHEREAS**, said Deed to ~~800K 608~~ ~~Page 0135~~ ~~800K 608~~ ~~Page 0135~~ is intended to secure not only the original indebtedness due by Borrower to Lender as set forth therein, but also any renewal or renewals, extension or extensions of said indebtedness, in whole or in part, any future advances which may be made by Lender to Borrower, and any other indebtedness between Borrower and Lender; and

**WHEREAS**, Borrower has requested of Lender and Lender has agreed to modify the Note and Deed to Secure Debt to increase the principal balance as of May 22, 2008 by \$225,000 to \$1,631,916.58; and

**NOW, THEREFORE**, in consideration of the foregoing recitals based upon the mutual covenants and conditions herein contained, and valuable consideration, the sufficiency and adequacy of such is hereby acknowledged by the Borrower and the Lender, it is agreed as follows:

(1) The Borrower and Lender consent to this Agreement as a Modification of the Note and Deed to Secure Debt to increase the principal balance of the Note as of May 22, 2008 by \$225,000 to \$1,631,916.58.

(2) That the present principal balance owing by the Borrower to the Lender after the modification, totals the sum of \$1,631,916.58;

(3) It is understood that this Agreement is supplementary to and made a part of the Note and Deed to Secure Debt which both are hereby kept in full force and virtue including all the rights, powers, privileges and agreements therein except as specifically modified herein, that no right of said Lender shall be impaired or postponed by the execution of this Agreement except as to the terms of the Note and Deed to Secure Debt modified herein.

(4) All other terms and provisions of said Note and Deed to Secure Debt are ratified and confirmed and made a part of the within instrument of modification, together with all provisions contained in said Note and Deed to Secure Debt relative to the rights of the Lender in case of default, acceleration of the payment of the principal and indebtedness in the event of

**BOOK 608 PAGE 0136**

default, and appointment of Lender as attorney-in-fact for purpose of foreclosures. All said other provisions of the Deed to Secure Debt shall remain unaffected, unchanged and unimpaired by reason of the within modification and secure all modifications, extensions and renewals of the Note.

(5) The Borrower does hereby covenant and represent that said property conveyed by said Deed to Secure Debt is at this time free and clear of all liens and charges.

IN WITNESS WHEREOF, the said Borrower and Lender have hereunto set their hands and seals on the day and year first above written as the date hereof.

**BORROWER**

Signed, sealed and delivered  
in the presence of:

Norma Douglas  
Witness

Edwin R. Byck  
Notary Public

D & H Farms, LLC

By: [Signature]  
DAVID A. GLISSON, JR.  
Its: MEMBER/MANAGER

Signed, sealed and delivered  
in the presence of:

Norma Douglas  
Witness

Edwin R. Byck  
Notary Public

**LENDER:**

First National Bank of Nassau County

By: [Signature]  
Its: Vice President

Filed 5/28 2008 at 3:51 PM

Recorder 5/28 2008

Exhibit "A"  
Legal Description

ALL that tract or parcel of land lying and being in the Lot of Land No. 377 of the Ninth Land District of the City of Adel, Cook County, Georgia, more particularly described as follows.

COMMENCING AS A POINT OF REFERENCE ONLY at the point of intersection of the southeastern margin of the right of way of the Southern Railway Company property with the southwestern margin of the right of way of Interstate Highway Number 75; and from said point of reference run South 36 degrees 55 minutes 58 seconds west along the southeastern margin of said railway right of way a distance of 1099.35 feet to a point located at the intersection of the southeastern margin of said railway right of way with the southern margin of the right of way of a county road; thence run South 36 degrees 52 minutes 00 seconds West along the southeastern margin of said railway right of way a distance of 727.94 feet to a concrete monument and the POINT OF BEGINNING; and from said POINT OF BEGINNING RUN South 36 degrees 52 minutes 00 seconds West along the southeastern margin of said railway right of way a distance of 1107.42 feet to an iron pin; thence run South 49 degrees 38 minutes 22 seconds East a distance of 450.84 distance of 1134.92 feet to a concrete monument; thence run North 53 degrees 08 minutes 00 seconds West a distance of 450.00 feet to a concrete monument and the POINT OF BEGINNING. Said property is the same property shown and depicted on the certain map or plat of survey entitled "Plat of Survey for Production Anodizing Corp. prepared by Robert P. Jolley, Jr., Registered Georgia Land Surveyor, dated August 16, 1989 and recorded in Plat Record Book 8, Page 270, records of the Clerk of the Superior Court of Cook County, Georgia, to which map or plat of survey and record thereof reference is hereby made for all purposes in aid of description.

Also, that certain 50 foot wide tract of land presently used for road purposes connecting the above described property (Production Anodizing Corp's Plant 2) to a certain public road (40 foot wide right of way)> Said 50 foot wide Tract is situate, lying and being in the City of Adel, Georgia and in Land lot 377 of the 9<sup>th</sup> Land District of Cook County, Georgia and is more particularly described as follows:

COMMENCING AS A POINT OF REFERENCE ONLY at the point of intersection of the southeastern margin of the right away of the Southern Railway Property with the Southwestern margin of the right of way of Interstate Highway 75; and from said point of reference run South 36 degrees 55 minutes 58 seconds West along the southeastern margin of said railway right of way railway a distance of 1099.35 feet to a point located at the intersection of the southeastern margin of said railway right of way with the southern margin of the right of way of a county road (said road having a 40 foot wide right of way) at the POINT OF BEGINNING; and from said POINT OF BEGINNING, run South 36 degrees 52 minutes 00 seconds West along the southeast margin of the railway right of way a distance of 727.94 feet a concrete monument and the northeasterly line of the property of Production Anodizing Corp (Plant 2); thence run South 53 degrees 08 minutes 00 seconds East for distance of 50.00 feet; thence run in northeasterly direction parallel to and 50.00 feet from the southeastern margin of said railway right of way for distance of 730.00 feet, more or less to the southern margin of the right of way of said county road; thence run in a westerly direction along the southern margin of the right of way of said county road a distance of 50.00 feet, more or less, to the POINT OF BEGINNING.

This is the same property deeded from Production Anodizing Corp. to D & H Farms, LLC in Deed Book 386, Page 248 with a current PIN#40B-24 and has an address of 1460 Industrial Blvd, Adel, Georgia, Cook County.

# **Report on Potential Chromium Migration Rate Estimates**

**POTENTIAL FOR CHROMIUM MIGRATION  
IN GROUNDWATER  
FORMER D&H FARMS FACILITY  
ADEL, GEORGIA**

*PREPARED FOR:*



**Southern Monitoring & Environmental, LLC**

*PREPARED BY:*

***ECT***

***Environmental Consulting & Technology, Inc.***

**1408 North Westshore Boulevard**

**Suite 115**

**Tampa, Florida 33607**

**Telephone: (813) 289-9338**

**Fax: (813) 289-9388**

**[www.ectinc.com](http://www.ectinc.com)**

**100409-0100-1200**

**OCTOBER 2010**

## PROFESSIONAL CERTIFICATION

This Potential for Chromium Migration Modeling Report was prepared by Environmental Consulting & Technology, Inc. for Southern Environmental & Monitoring, LLC (SM&E) and relates to metals contamination in groundwater at an abandoned 11.54-acre industrial facility located at 1490 Industrial Boulevard, in the City of Adel, Cook County, Georgia, most recently owned by D&H Farms, LLC and improved and operated as a greenhouse complex. These analyses and this report have been completed by me or by individuals under my direct supervision and are in conformity with sound scientific and hydrogeologic principles. This report was prepared on behalf of SM&E and is certified for their use and submittal to the Georgia Environmental Protection Department. No warranties or guarantees are provided to other parties if this report is used and relied upon for other purposes.

Prepared and Reviewed by:



Bradley S. Pekas, P.E., P.G.  
Principal Scientist/Project Manager  
Georgia PG No. 1528

Date

10/22/10

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TABLE 2. SUMMARY OF HYDRAULIC CONDUCTIVITY TEST RESULTS – NEARBY SITE

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FIGURE 2. CHROMIUM CONCENTRATIONS IN GROUNDWATER

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FIGURE 3D. SUMMARY OF BIOSCREEN-AT MODELING RESULTS – TEST CASE D

FIGURE 3E. SUMMARY OF BIOSCREEN-AT MODELING RESULTS – TEST CASE E

FIGURE 3F. SUMMARY OF BIOSCREEN-AT MODELING RESULTS – TEST CASE F

# 1 INTRODUCTION AND OBJECTIVES

This Potential for Chromium Migration Modeling Report describes the subsurface presence, behavior, and migration potential (fate and transport) of dissolved chromium contamination in groundwater in the shallow surficial aquifer at the site described below. It is intended to be part of a Compliance Status Report (CSR) filed with the Georgia Environmental Protection Department (EPD) by Southern Monitoring & Environmental, LLC (SM&E) under the provisions of the State's Voluntary Remediation Program Act (VRPA); and, as such, incorporates by this reference all parts of that CSR pertinent to the matters covered herein.

## 2 DESCRIPTION OF SITE AND VICINITY

The site consists of an abandoned 11.54-acre industrial facility located at 1490 Industrial Boulevard, in the City of Adel, 31620, in Land Lot 377, Cook County, Georgia (Figure 1). It is part of an industrial park and is bordered by undeveloped land to the east, by Morrison Creek to the southwest and undeveloped land beyond, railroad tracks, South Elm Street, and a gas station and industrial buildings to the west. The latitude and longitude coordinates of the property are 31° 07' 12" North and 83° 26' 16" West, respectively.

The property is comprised of one parcel encompassing a former industrial complex where two now defunct companies conducted chrome-plating processes from the late 1960s to the early 1990s. The property is rectangular in shape and is improved by two buildings previously housing the administrative and manufacturing operations conducted there (respectively, the Admin. Building and the Main Operations Building). The most recent owner, D&H Farms, LLC installed a complex of greenhouses located adjacent to the Operations Building.

During the time that chrome plating operations were conducted onsite, two ancillary structures were operational as part of the chrome plating processes conducted in the Main Operations Building – a surface impoundment where processing sludge was stored (the Surface Impoundment) and a wastewater clarifier used for oil/water separation, solids removal, and chemical treatment (the Clarifier). Both the Clarifier and the Surface Impoundment were registered as Resource Conservation Recovery Act (RCRA) units and were successfully closed in accordance with RCRA closure rules, regulations, and procedures as confirmed by the issuance of letters received from the EPD Department of Natural Resources as follows:

- June 15, 2007; Jim Brown, Acting Program Manager, GA EPD Corrective Action Program, to David Glisson, President, T.S.P. Farms, Re. Corrective Measures Report Former Production Anodizing Plant #2, Adel, Georgia, Permit No. HW-039(D) GAD 003308335;

- August 4, 2008; Mark Smith, Chief, GA EPD Hazardous Waste Management Branch, to David Glisson, President, T.S.P. Farms, Re: Class 3 Permit Modification/Permit Termination, Former Production Anodizing Plant #2, Adel, Georgia, Permit No. HW-039(D) GAD 003308335; and
- March 17, 2009; Carol A. Couch, Director, GA EPD to David Glisson, President, T.S.P. Farms, Re: Termination of Hazardous Waste Facility Permit HW-039(D) D&H Farms (former Production Anodizing Plant #2) GAD 003308335, Adel, Georgia.

## ***2.1 DELINEATED GROUNDWATER CONTAMINATION***

Phase II environmental site assessments conducted at the site by SM&E in August and September 2009, identified and delineated shallow groundwater contamination from chromium present in the surficial aquifer and confined in a plume emanating from beneath the floor slab on the south (downgradient) side of the Main Operations Building (the Contaminant Plume) (Figure 2). Based on the previous investigations performed at the facility by SM&E, the chromium contamination is identified to point sources in the Main Operations Building near where dip tanks were situated for use in the chrome plating processes and is attributable to releases occurring from those tanks during past plant operations (1975-1992) (Figure 2).

## ***2.2 CONSTITUENTS OF CONCERN***

Based on a review of site history and soil and groundwater analytical data collected during environmental investigations performed on the property by SM&E the constituents of concern (COCs) include the following:

- Chromium III – trivalent chromium; and
- Chromium VI – hexavalent chromium.

## ***2.3 EXPOSURE PATHWAY/EXPOSURE DOMAIN/RECEPTORS***

As more fully developed herein below, a hypothetical exposure pathway and exposure domain for groundwater occurs south/southwest downgradient from the leading edge of the dissolved contaminant plume. The dissolved plume is presently located primarily

beneath the Main Operations Building and approaching the back wall. This building is approximately 700 to 720 feet (ft) upgradient from Morrison Creek. As shown by the topographical information presented on Figure 1, Morrison Creek occurs at an elevation of approximately 212 ft-above mean seal level (-msl) and the approximate land surface elevation near the Main Operations Building is about 232 ft-msl. Accordingly, the elevation of Morison Creek is approximately 20 ft lower than that of the facility. There are no active downgradient drinking water supply wells between the building and Morrison Creek. The only municipal drinking water supply well in the vicinity of the site is located approximately 1,800 ft to the northeast and upgradient of the property line and the Main Operations Building (Figure 1). Historical hydrographs for this well (City of Adel Well 18H016) indicate a long term historical water level decline in the upper Floridan aquifer (UFA) between 1970 and 2006 (Torak, 2009).

### 3 SUPPORTING SITE-SPECIFIC FACTS/DATA

Based on facts and data presented herein and as confirmed by fate and transport modeling (BIOSCREEN-AT) described in the following paragraphs, Environmental Consulting & Technology, Inc. (ECT) has concluded that there are no receptors or exposure (real or hypothetical) that will be impacted by migration of the COCs.

#### 3.1 DESCRIPTION OF LOCAL GEOLOGY

The surficial aquifer in Cook County, Georgia consists of unconsolidated clayey sand to sandy clay and is typically under unconfined (water table) conditions. In the site vicinity, the depth to water in the surficial aquifer ranges from approximately 5 to 15 ft-below land surface (-bls), with the shape and slope of the water table surface being a subdued reflection of the local topography and hydrologic features (rivers, lakes, etc.). At the site the depth to water averaged about 10-12 ft-bls (~220-222 ft-msl) based on previous investigations, and the flow direction is primarily toward the southwest (toward Morrison Creek). Hydraulic conductivity data of the aquifer beneath the site was determined from site-specific testing (bail down tests). The results of these tests are summarized in Table 1 and indicated the average horizontal hydraulic conductivity for this aquifer is approximately 0.3 ft/day ( $1 \times 10^{-4}$  cm/sec), and the supporting data for these test is provided in Appendix A. These data are similar to that obtained from several investigations for a nearby facility (former Thompson facility) in Adel, and those data are summarized in Table 2 (URS Corp., 2008).

Beneath the surficial aquifer lies a thick confining unit comprised of silty clay to carbonate strata representing most of the Miocene and Upper Oligocene Series. The potential formations comprising this confining unit include: Ebenezer Formation, Coosawhatchie Formation, Marks Head Formation, Parachucla Formations, Tiger Leap Formation, and Lazaretto Creek Formation (USGS 2004-5264). In South Central Georgia, the thickness of the confining unit may range from 140 to 180 ft.

Lying beneath this confining unit is the Suwannee Formation, the upper most water



bearing unit of the UFA. The potentiometric surface of the UFA is approximately 170 to 180 ft bls in the vicinity of the site, or approximately 50 to 60 ft-msl National Geodetic Vertical Datum (Peck, et.al, 2009). The public supply wells in the City of Adel are completed into the UFA. Considering the head difference of over 150 ft between the surficial aquifer and UFA plus the presence of the substantial confining unit, these two aquifers cannot be considered to be in good hydraulic connection.

### **3.2 DETAILED DESCRIPTION OF CONSTITUENTS OF CONCERN**

Based on previous site investigations by SM&E, the COCs at the site are chromium III (trivalent) and chromium VI (hexavalent), both appearing to be present at the property in concentrations exceeding HSRA notification criteria.

In the natural subsurface environment, chromium may occur in two stable oxidation states, trivalent (Cr[III]) and hexavalent (Cr[VI]) chromium. The oxidation state in which chromium occurs is influenced by the geology, hydrogeology, and geochemistry of the subsurface groundwater. Furthermore, the oxidation state of chromium affects its concentration and mobility throughout the subsurface. Natural reductants present in the subsurface environment can transform the more toxic hexavalent chromium to the less toxic trivalent state. The primary parameters that influence the oxidation state in which chromium is found include the oxidation-reduction potential (ORP) and pH. The presence of organic matter, ferrous iron, and/or sulfide in the subsurface may also create or contribute to the occurrence of reducing conditions within the groundwater system.

Geochemical reactions such as reduction, adsorption, and precipitation tend to slow the rate of contaminant (Cr[VI]) migration with respect to the groundwater flow velocity, lower its dissolved phase concentration, and thereby remove mass from the mobile dissolved phase. Specifically, small changes in the ORP can have a significant effect on the solubility, mobility, and resulting concentrations of most inorganic contaminants, including chromium.

The various physical and chemical factors described above - advection, diffusion, absorption, and dispersion - influence the subsurface transport of a contaminant. Of these possible reactions, advection and adsorption are two of the controlling parameters for inorganic parameters such as chromium. Advection is controlled by the groundwater flow velocity and adsorption is influenced by the soil partition distribution coefficient; both of which may, collectively, be used to estimate the contamination migration rate. Another factor influencing the subsurface migration of a contaminant is the first order decay rate. The decay rate is influenced by various biodegradation parameters, organic constituents, or possible ORP dissolution reactions for inorganic constituents.

### **3.3 GROUNDWATER FLOW AND CONTAMINANT TRANSPORT**

#### **3.3.1 Groundwater Flow – Surficial Aquifer**

Groundwater flow velocity can be calculated in a relatively simple and straightforward manner, as described below (Freeze & Cherry, 1979):

$$V_{gw} = (K * i) / n_e \quad (1)$$

Where:

$V_{gw}$  = Groundwater flow velocity;

$K$  = Hydraulic conductivity (subscripts: h-horizontal, v-vertical);

$i$  = Hydraulic gradient (groundwater elevation change over set distance);

and

$n_e$  = Effective porosity.

The horizontal groundwater flow velocity is calculated by using the horizontal hydraulic conductivity values and the horizontal gradient. As mentioned above, the hydraulic conductivity data for the surficial aquifer at the site was obtained from site-specific testing and compared to other data available from a nearby site (former Thompson Industries) in Adel. The horizontal conductivity values based on the analyses of site-specific bail down test data ranged from 0.17 ft/day to 0.51 ft/day, with an average of approximately 0.29 ft/day (~0.3 ft/day). The horizontal hydraulic gradient was calculated between the building (plume) and Morrison Creek at approximately 0.016 ft/ft (equivalent to 11 ft/700 ft). The effective porosity for fine to clayey sand may range



from 0.1 to 0.3 with an average value of 0.2. Based on this information, the average annual horizontal groundwater flow velocity between the plume and Morrison Creek is calculated as approximately 8.6 ft/year.

The vertical groundwater flow velocity is calculated by using the vertical hydraulic conductivity values and the vertical gradient. The vertical hydraulic conductivity values based on laboratory analyses from the nearby site averaged approximately  $1 \times 10^{-4}$  ft/day (Table 2). The vertical hydraulic gradient in the surficial aquifer was calculated between the shallow and deep monitoring wells at the facility, and was approximately 0.367 ft/ft (approximately 11 ft/30 ft – water level head difference between screen intervals divided by distance between screen intervals).

The effective porosity for fine to clayey sand may range from 0.1 to 0.3 with an average value of 0.2. Based on this information, the average annual vertical groundwater flow velocity within the surficial aquifer for this facility is calculated as approximately 0.1 ft/year.

### 3.3.2 Groundwater Flow Between Surficial and Upper Floridan Aquifers

As presented in Section 3.1, there is a substantial head difference and a substantial thickness of clay separating the surficial aquifer and UFA that limits and restricts the hydraulic connection and groundwater flow between these two aquifers. Therefore, if there is no groundwater movement between the aquifers, there is little to no chance of contaminant migration between them. As described above, the water level in the surficial aquifer is approximately 220 ft-msl and that in the UFA is approximately 50 ft-msl. The head difference between these two water levels is roughly 170 ft, which difference provides a driving force for downward vertical migration; but the substantial thickness (>140 ft) and restricted permeability of the materials of the intervening Miocene and Upper Oligocene Series effectively confines and separates the two aquifers thereby severely restricting and limiting the potential for downward vertical contaminant migration into the lower aquifer.

### 3.3.3 Contaminant Transport Model – Bioscreen-AT

Groundwater and contaminant transport models should and do vary in their level of complexity, and may range from simple analytical equations to highly complicated multi-dimensional numerical models. The successful site-specific application of a model need not simulate all possible chemical, physical, and chemical processes. It should, however, be influenced by the level of information available for the given site, the experience of the modeling analyst, and the objectives of the specific study being undertaken.

BIOSCREEN is a standardized screening-level model initially developed for and distributed by the U.S. Environmental Protection Agency (EPA). It simulates remediation through natural attenuation (RNA) of dissolved hydrocarbons at petroleum fuel release sites. BIOSCREEN is EPA-approved and ASTM contaminant transport screening models frequently used for RNA purposes. BIOSCREEN is also capable and routinely used to simulate the subsurface migration of a wide variety of dissolved solutes other than petroleum in groundwater, including chromium.

The BIOSCREEN software, programmed in Microsoft Excel<sup>®</sup> spreadsheet environment, uses the Domenico analytical solute transport model for solute transport in three-dimensional porous media. The Domenico equation has been incorporated into numerous software programs including BIOSCREEN and RBCA Toolkits for the past 20 years. The Domenico equation has the ability to approximate advection, dispersion, adsorption, and the first-order decay rate (aerobic, anaerobic, half-life) reactions that have been shown to be the dominant degradation processes at many contaminant release sites. The BIOSCREEN model can be applied in three different application methods including: solute transport without decay; solute transport with first order decay degradation; and solute transport with biodegradation as an instantaneous biodegradation reaction.

The versions of BIOSCREEN developed and distributed by EPA uses an approximation of the Domenico analytical solution to the solute transport equation, and under certain circumstances produce results that differ from the exact solution of a similar three-dimensional analytical solution for solute transport. BIOSCREEN-AT (2006), as documented in Karanovic et.al., (2007) with S.S. Papadopoulos & Associates, Inc., is an

enhancement of the standard BIOSCREEN program and Domenico equation that incorporates the more exact and improved integration solution into this program.

#### 3.3.4 Bioscreen-AT Site-Specific Application

Of the three possible application methods available for BIOSCREEN-AT modeling, the method here applied to the subject site is the solute transport with first order solute decay.

The dissolved chromium concentrations in the surficial aquifer were sampled in January 2010 (Table 3) and the resulting data subsequently confirmed in September 2010 (Table 4 and Appendix B). The 2010 sample results indicate the elevated presence of dissolved chromium contamination in the groundwater in proximity to the electroplating operations that occurred at the site. As indicated previously, the plating operations at this site ceased in or about 1992. Accordingly, it must be presumed that the current dissolved plume concentration represents the extent of contaminant distribution/migration at a point in time approximately 20 years after the contaminant release from the plating process stopped.

While the current concentration and distribution of the dissolved chromium contamination in the groundwater are known factors, there exists no historical site-specific confirmation of the initial source concentration(s). However, it is possible to reliably estimate the concentration by utilizing background information about the typical chromium (total & hexavalent) concentrations in electroplating wastes generated by the types of plating processes used at the site. These concentrations were researched and found in documentation from EPA (Procko, *et.al.* 1983) and the Florida Department of Environmental Protection (Watts, *et.al.* 1983). Based on these information sources, the hexavalent chromium concentrations typically encountered in electroplating wastewater ranged between 0.01 to 330 milligrams per liter.

This potential range of source concentrations of hexavalent chromium was used to establish several test case scenarios (A - F) for predictive BIOSCREEN-AT modeling simulations (see table below):

<b>Test Case</b>	<b>Initial Source Concentration (mg/L)</b>	<b>Source – Plume 1<sup>st</sup> Order Decay (1/year)</b>	<b>Source-Plume Half-life (years)</b>
A	330	0.1205	5.75
B	300	0.1155	6.0
C	250	0.1066	6.4
D	200	0.0956	7.25
E	150	0.0806	8.6
F	100	0.0603	11.5

The BIOSCREEN-AT model was calibrated to simulate the observed chromium concentrations within the aquifer, and the simulations were then continued and used to predict how the chromium contamination would migrate and persist in the subsurface environment. To conduct these simulations, the BIOSCREEN-AT model was run with each of the six different potential source concentrations. All of the modeling simulations accounted for routine contaminant migration processes of advection, dispersion, and adsorption, plus first-order decay of the contaminant plume. The sampling results collected in 2010 were used as a model calibration point at the time period of 20 years. Since the other chemical or physical parameters were either known or estimated based on field measurements or literature research. The first-order decay rate (constituent half-life) was determined from the calibration process of matching the measured and modeling data at the 20-year period for each of the potential source concentrations presented above. After calibrating the model to suitably match the current site conditions, the model was then projected forward to estimate potential future conditions.

### 3.3.5 Results of Bioscreen-AT Site-Specific Application

Figures 3A through 3F present and illustrate the results of site-specific BIOSCREEN-AT modeling efforts at 20 year time intervals up to 100 years. None of these simulations produced results showing detectable chromium concentration in groundwater at any point



onsite beyond a distance of 320 ft from the source area at any time in the future. Therefore, none of these modeling results indicate the future potential of detectable levels of chromium reaching the downgradient property boundary, Morrison Creek (~700 ft downgradient), or any other receptor (real or statutorily prescribed) located beyond the creek.

Notwithstanding the fact that the precise/actual source concentration of the original contaminant release is not known, the modeling approach taken by ECT accounts for an entire range of potential source concentrations. Each of the modeling simulations was calibrated to the known conditions and then continued in predictive analyses for a period of 100 years. None of the modeling results suggest that the current dissolved chromium contamination will migrate beyond the distance of approximately 320 ft from the source area, and therefore this contamination should not pose a threat to any sensitive receptors, Morrison Creek or potable wells, beyond that distance.

### **3.4 NEARBY POTABLE WELLS**

As identified in Figure 1, a public supply well for the City of Adel is located approximately 1,800 ft northeast of the site and at a topographic elevation about 10 ft higher than the site. Based on the local topography plus the plume shape and the groundwater flow direction, all indications are that the groundwater and contaminant migration is toward the southwest or in the opposite direction from this public supply well. Considering the topography and the fact that the water table is typically a subdued reflection of the topography, it is reasonable to conclude that the public supply well is hydraulically upgradient from the site and thus is not at risk from the horizontal migration of the chromium contamination. Furthermore, the public supply well is completed in the UFA, which (as previously described data confirms) is separated from the surficial aquifer by a 140- to 180-foot thick confining unit. Considering the slow rate of vertical migration and thick confining unit, it is highly unlikely that this supply well or others completed into the UFA are at risk from this contamination.

### **3.5 HYPOTHETICAL RECEPTORS**

Additionally and as previously described, none of the BIOSCREEN-AT modeling simulations indicated dissolved chromium concentrations migrating farther than a distance of 320 ft surrounding and encircling the source and lateral extent of the contaminant plume. Within this area (downgradient and/or upgradient), there are no wells currently used for potable purposes. Furthermore, these same modeling simulations indicate that any wells that are installed beyond this distance, downgradient, across and beyond the property line, and Morrison Creek will not be impacted by, or at risk from this contamination.

As part of their previous site investigations, SM&E conducted a water well survey of the immediate vicinity surrounding the subject site property. SM&E did identify water wells on the opposite (south) side of Morrison Creek. Since the modeling results presented and discussed above indicated that the contamination would never reach Morrison Creek, these wells are not at risk from this contamination. Furthermore, Morrison Creek should serve as a hydraulic divide for the surficial aquifer limiting if not outright precluding groundwater flow beyond it. Finally, these water wells are most likely completed into the UFA, which as described above is not in good hydraulic connection with the surficial aquifer and as such is not at risk from this dissolved chromium contaminant plume.

## 4 SUMMARY AND CONCLUSIONS

ECT understands that the Georgia VRPA promotes and allows cost effective remedial actions in situations where there are limited or no risk for human exposure or for harm to the environment. This is especially true if the contamination will not migrate offsite, and if active remediation is not specifically required by the applicable laws and regulations. Under these sets of circumstances, RNA may be a suitable and acceptable remedial alternative. Depending upon the site-specific situation, the RNA approach could be implemented, as warranted, with and without the use of engineering or institutional controls.

Two site-specific points of interest considered in this evaluation include the potential for contaminant migration over the property line, into Morrison Creek or the nearby public water supply well. As described in Section 3 above, neither of these potential receptors is at risk based on ECT's modeling and analyses; and as long as a potable well is not installed into the surficial aquifer within a distance of 350 to 400 ft downgradient of the source area, the risk for either human or environmental impacts is extremely small.

The goal of these analyses and this report was to briefly describe the potential subsurface migration of dissolved chromium in groundwater in the shallow surficial aquifer at the former D&H Farms facility. Although the precise source concentration and timing of the original contaminant release was not known, the modeling approach taken by ECT accounted for an entire range of potential source variations. None of the modeling results suggest that the current dissolved chromium contamination will migrate beyond the distance of approximately 320 ft from the source area. Therefore, it should not pose a threat to any sensitive receptors, to Morrison Creek, or any water wells beyond 320 ft from the source area.

## 5 REFERENCES

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## TABLES

**TABLE 1**      **Summary of Site-Specific Hydraulic Conductivity (Bail Down) Test Results**  
**Former D&H Farms Facility, Adel, Georgia**

<i>Well Identification</i>	<i>APT Theis Recovery drawdown s1 (ft)</i>	<i>APT Theis Recovery drawdown s2 (ft)</i>	<i>APT drawdown s2-s1 (ft)</i>	<i>APT Q (gpm)</i>	<i>APT Q (ft3/day)</i>	<i>APT Theis Recovery T (ft2/day)</i>	<i>Saturated Thickness "b" (ft)</i>	<i>Hydraulic Conductivity K (ft/day)</i>	<i>Hydraulic Conductivity K (cm/sec)</i>
MW Upgrad-1	2.1	4.8	2.7	0.75	144.4	9.79	30	0.33	1.15E-04
MW Upgrad-1	1.5	6.5	5	0.75	144.4	5.28	30	0.18	6.21E-05
MW Dngrad-1	0	1.95	1.95	0.68	130.9	12.28	24	0.51	1.81E-04
MW Deep	0.7	2.4	1.7	0.36	69.3	7.46	45	0.17	5.85E-05
Average -								0.29	1.04E-04

Source: ECT, 2010

**TABLE 2 Summary of Hydraulic Conductivity Test Results - Nearby Site in Adel  
Former D&H Farms Facility, Adel, Georgia**

Well Id	Layer	Hydraulic Conductivity (cm/sec)	Test Type	Analytical Method
<b>Phase II Environmental Impact Assessment (TMI, 1990)</b>				
Unknown	Sand/Clay	$5.0 \times 10^{-4}$ to $8.0 \times 10^{-4}$	Slug Test	Unknown
Unknown	Silty Clay	$5.6 \times 10^{-5}$	Laboratory	Unknown
<b>Final Report for Well Installation and Groundwater Sampling (Golder, 1996)</b>				
RW-2	Silty Clay	$5.6 \times 10^{-6}$	Laboratory	Isaxial Permeability (ASTM D5084)
<b>Site Investigation Report (O'Brien &amp; Gere, 2001)</b>				
MW-17	Sand/Sandy Clay	$2.5 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-17	Sand/Sandy Clay	$1.7 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-18	Sand/Sandy Clay	$2.9 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-18	Sand/Sandy Clay	$5.4 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-20	Sand/Sandy Clay	$3.7 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-20	Sand/Sandy Clay	$2.6 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-20	Sand/Sandy Clay	$2.7 \times 10^{-4}$	Slug Test	Bouwer & Rice
<b>Compliance Status Investigation (2005)</b>				
MW-02R	Sand/Sandy Clay	$3.5 \times 10^{-4}$ to $6.6 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-03R	Sand/Sandy Clay	$3.3 \times 10^{-4}$ to $3.6 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-10R	Sand/Sandy Clay	$1.6 \times 10^{-5}$ to $3.9 \times 10^{-5}$	Slug Test	Bouwer & Rice
MW-18	Sand/Sandy Clay	$1.8 \times 10^{-4}$ to $4.1 \times 10^{-5}$	Slug Test	Bouwer & Rice
MW-20	Sand/Sandy Clay	$2.4 \times 10^{-4}$ to $5.6 \times 10^{-5}$	Slug Test	Bouwer & Rice
MW-21	Sand/Sandy Clay	$1.9 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-22	Sand/Sandy Clay	$2.7 \times 10^{-4}$ to $8.0 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-25	Sand/Sandy Clay	$1.8 \times 10^{-5}$ to $3.3 \times 10^{-6}$	Slug Test	Bouwer & Rice
MW-26	Sand/Sandy Clay	$3.7 \times 10^{-4}$ to $5.5 \times 10^{-4}$	Slug Test	Bouwer & Rice
MW-29	Sand/Sandy Clay	$7.2 \times 10^{-4}$ to $7.9 \times 10^{-4}$	Slug Test	Bouwer & Rice
<b>Geometric Mean</b>		$1.9 \times 10^{-4}$		

Source: URS Corporation, 2008



**TABLE 3      Summary of Previous Sampling Results - SME - January 2010**  
**Former D&H Farms Facility, Adel, Georgia**

Well No.	Date Sampled	Total		Dissolved	
		Chromium III	Chromium VI	Chromium III	Chromium VI
SB-14	9/14/2009	<0.01	<0.01	<0.01	<0.01
SB-15	9/14/2009	0.387	1.21	0.149	<b>1.06</b>
SB-16	9/14/2009	0.0136	<0.05	<0.01	<0.01
SB-17	9/14/2009	0.147	0.284	<0.01	0.264
SB-18	9/14/2009	<0.01	<0.01	<0.01	<0.01
SB-19	9/14/2009	0.0215	<0.01	<0.01	<0.01
SB-20	9/14/2009	<0.01	<0.01	<0.01	<0.01
SB-21	9/14/2009	<0.01	<0.01	<0.01	<0.01
SB-22	9/14/2009	0.0702	<0.01	0.0.270	<0.01
SB-23	9/14/2009	<0.01	<0.01	<0.01	<0.01
SB-24	9/14/2009	<0.01	<0.01	<0.01	<0.01
SB-25	9/14/2009	0.018	<0.01	<0.01	<0.01
SB-26	9/14/2009	0.0365	<0.01	<0.01	<0.01
SB-27	1/28/2010	NS	NS	<0.01	<b>28.6</b>
SB-28	1/28/2010	NS	NS	<b>1.26</b>	<b>3.5</b>
SB-29	1/28/2010	NS	NS	<0.01	<b>9.45</b>
SB-29D	1/28/2010	NS	NS	<0.01	<b>12</b>
SB-30	1/28/2010	NS	NS	<0.01	<0.01
SB-31	1/28/2010	NS	NS	<0.01	<0.01
SB-32	1/28/2010	NS	NS	<0.01	<0.01
SB-33	1/28/2010	NS	NS	<0.01	<b>0.694</b>
SB-33D	1/28/2010	NS	NS	0.209	<b>9.2</b>
SB-34	1/28/2010	NS	NS	0.0186	<b>1.03</b>
SB-35	1/28/2010	NS	NS	0.172	<b>1.34</b>
SB-36	1/28/2010	NS	NS	<0.01	0.193
SB-36D	1/28/2010	NS	NS	<0.01	<0.01
SB-37	1/28/2010	NS	NS	<0.01	<0.01
HSRA NA		0.01	0.01	0.01	0.01
HSRA Type I RRS		NA	NA	0.1	0.1
HSRA Type 4 RRS		NA	NA	153	0.31

Notes:

All concentrations listed as mg/L (milligrams per liter) unless noted otherwise

RRS - Risk Reduction Standards

HSRA NC - Hazardous Site Response Act Notification Concentrations

\* Notification Concentrations are background levels detected in SB-14

Source: SME, 2010; ECT, 2010

**TABLE 4    Summary of Sampling Results - September 23, 2010**  
**Former D&H Farms Facility, Adel, Georgia**

Well No.	Date Sampled	Total	Dissolved	
		Chromium	Chromium	Chromium VI
SB-28	9/23/2010	2.2	1.9	<b>2.4</b>
SB-29	9/23/2010	13	18	<b>14</b>
SB-34	9/23/2010	2	1.9	<b>1.5</b>
SB-35	9/23/2010	1.5	1	<b>0.92</b>

HSRA NA	0.01
HSRA Type I RRS	0.1
HSRA Type 4 RRS	0.31

Notes:

All concentrations listed as mg/L (milligrams per liter) unless noted otherwise

RRS - Risk Reduction Standards

HSRA NC - Hazardous Site Response Act Notification Concentrations

\* Notification Concentrations are background levels detected in SB-14

Source: ECT, 2010

## FIGURES



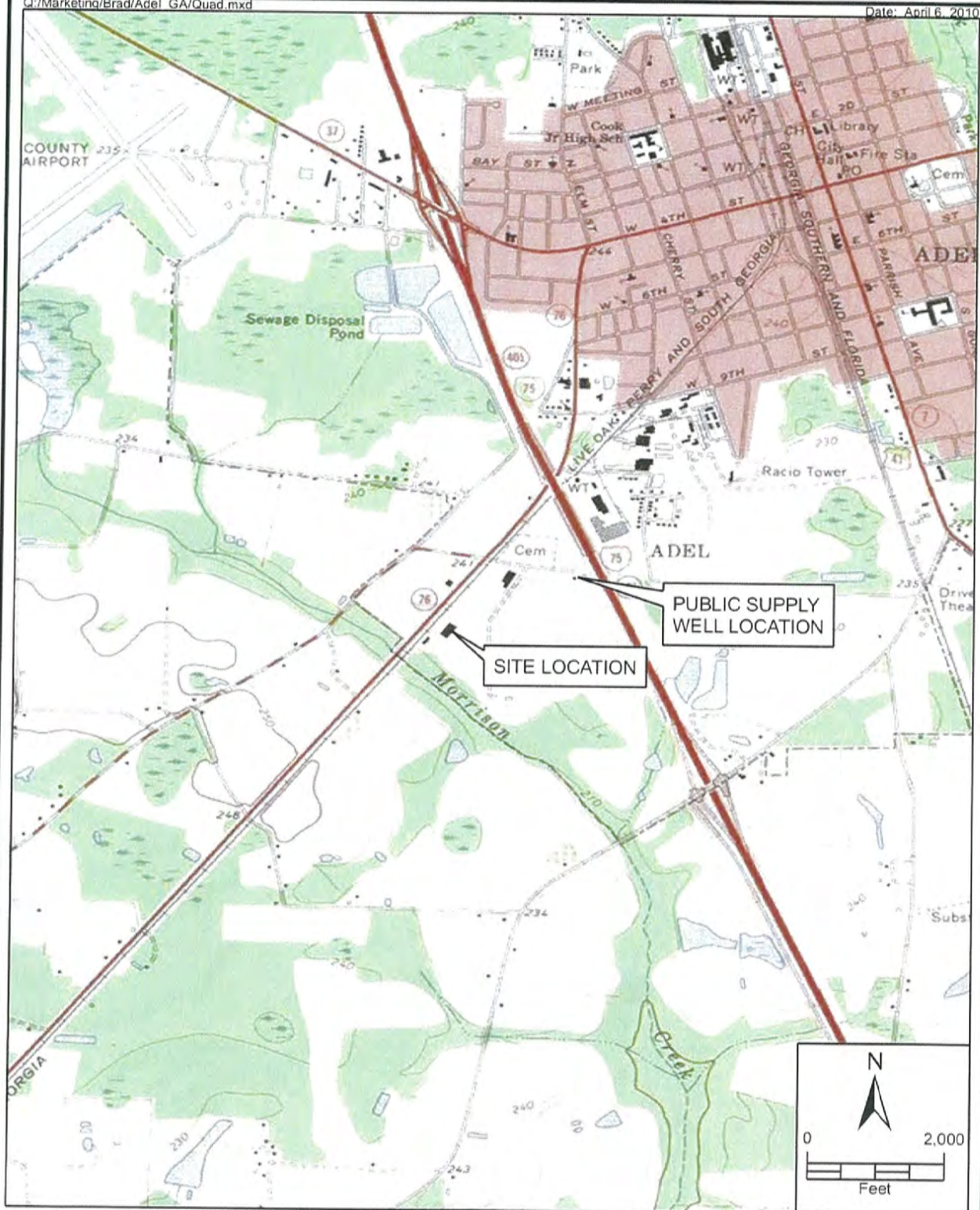


FIGURE 1.  
SITE LOCATION MAP  
FORMER D & H FARMS FACILITY  
1109 INDUSTRIAL BOULEVARD  
ADEL, GEORGIA

Sources: ESRI Quadrangle Map of Adel, GA, 2009; ECT, 2010.

**ECT**

Environmental Consulting & Technology, Inc.

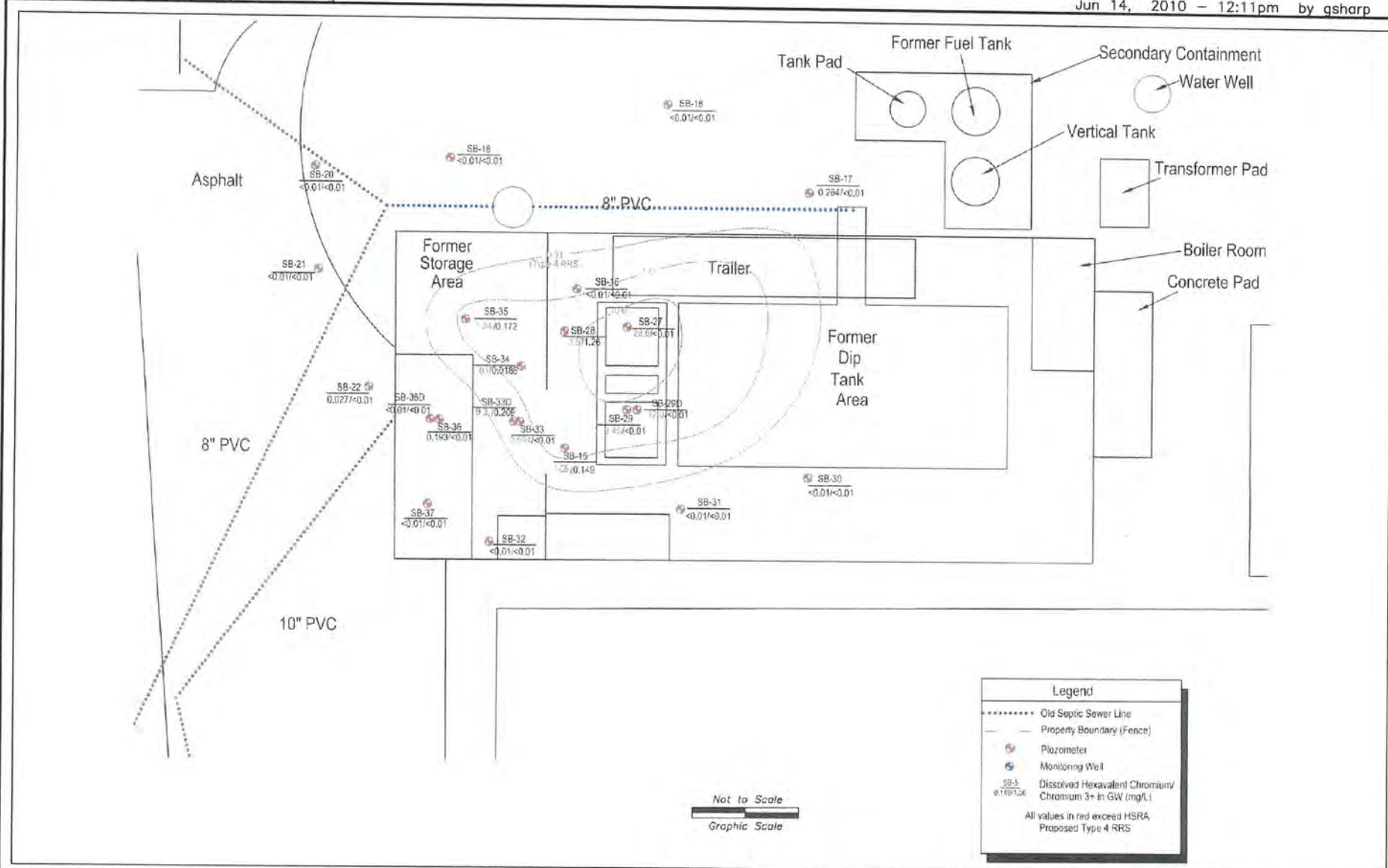


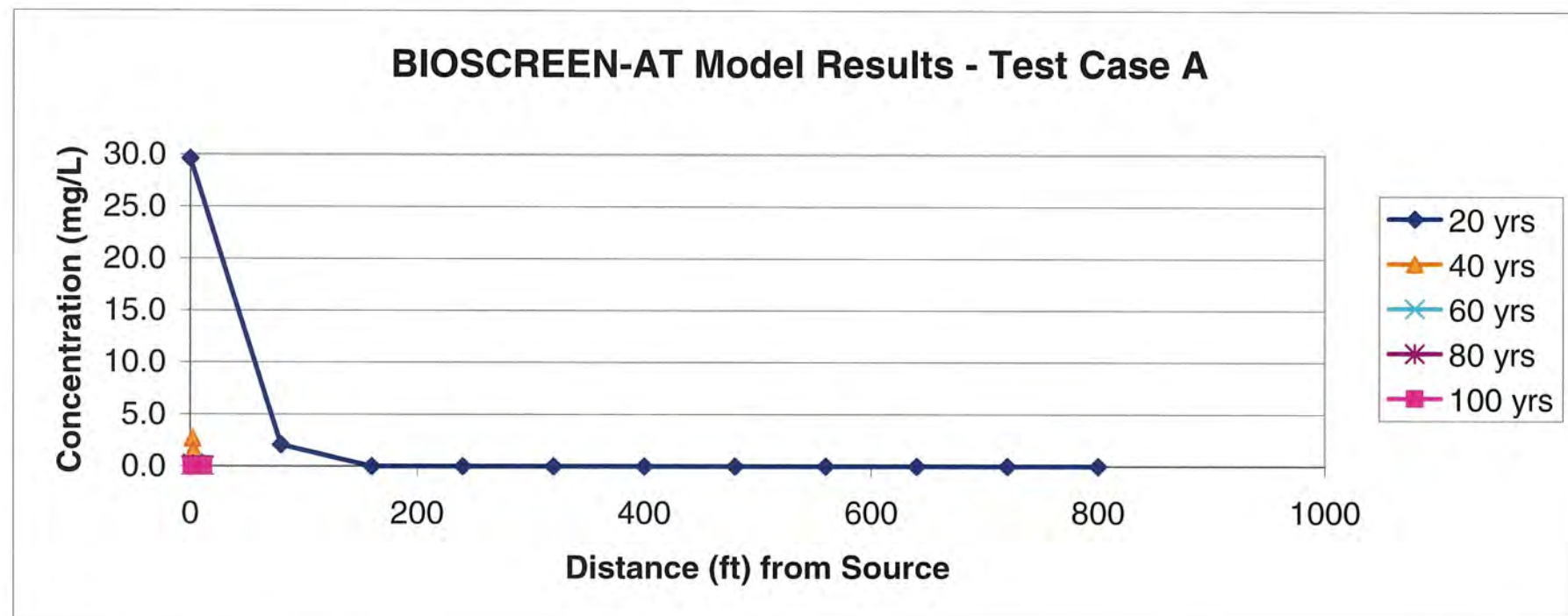
FIGURE 2.  
CHROMIUM CONCENTRATIONS IN GROUNDWATER  
FORMER D&H FARMS FACILITY



**FIGURE 3A Summary of BIOSCREEN Modeling Results - Test Case A**  
**Former D&H Farms Facility, Adel, Georgia**

TEST A		Downgradient Creek Compliance Point									
Initial Source Concentration -		330 mg/L									
Calibrated Half-life (Cr) -		5.75 yrs									
Calibrated First-Order Decay Rate (Cr) -		0.1205 1/yrs									
Distance (ft)	0	80	160	240	320	400	480	560	640	720	800
20 yrs	29.626	2.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 yrs	2.660	1.583	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60 yrs	0.239	0.197	0.049	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80 yrs	0.072	0.061	0.026	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100 yrs	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

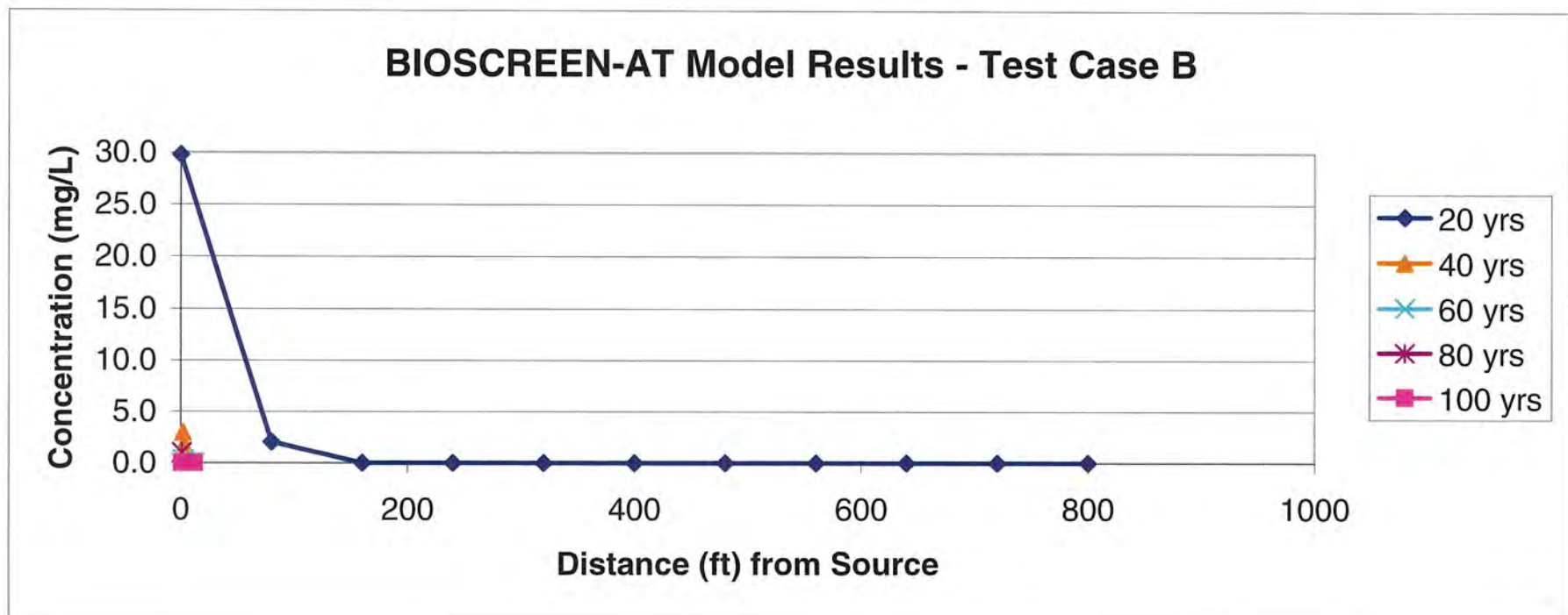
Note: 20 yr simulation was used to essentially match (calibrate) the model to the concentrations and plume distribution detected by the sampling event in early 2010



**FIGURE 3B Summary of BIOSCREEN Modeling Results - Test Case B**  
**Former D&H Farms Facility, Adel, Georgia**

TEST B				Downgradient Creek Compliance Point							
Initial Source Concentration -				300 mg/L							
Calibrated Half-life (Cr) -				6 yrs							
Calibrated First-Order Decay Rate (Cr) -				0.1155 1/yrs							
Distance (ft)	0	80	160	240	320	400	480	560	640	720	800
20 yrs	29.778	2.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 yrs	2.956	1.759	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60 yrs	0.293	0.242	0.061	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80 yrs	0.029	0.025	0.015	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100 yrs	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note: 20 yr simulation was used to essentially match (calibrate) the model to the concentrations and plume distribution detected by the sampling event in early 2010

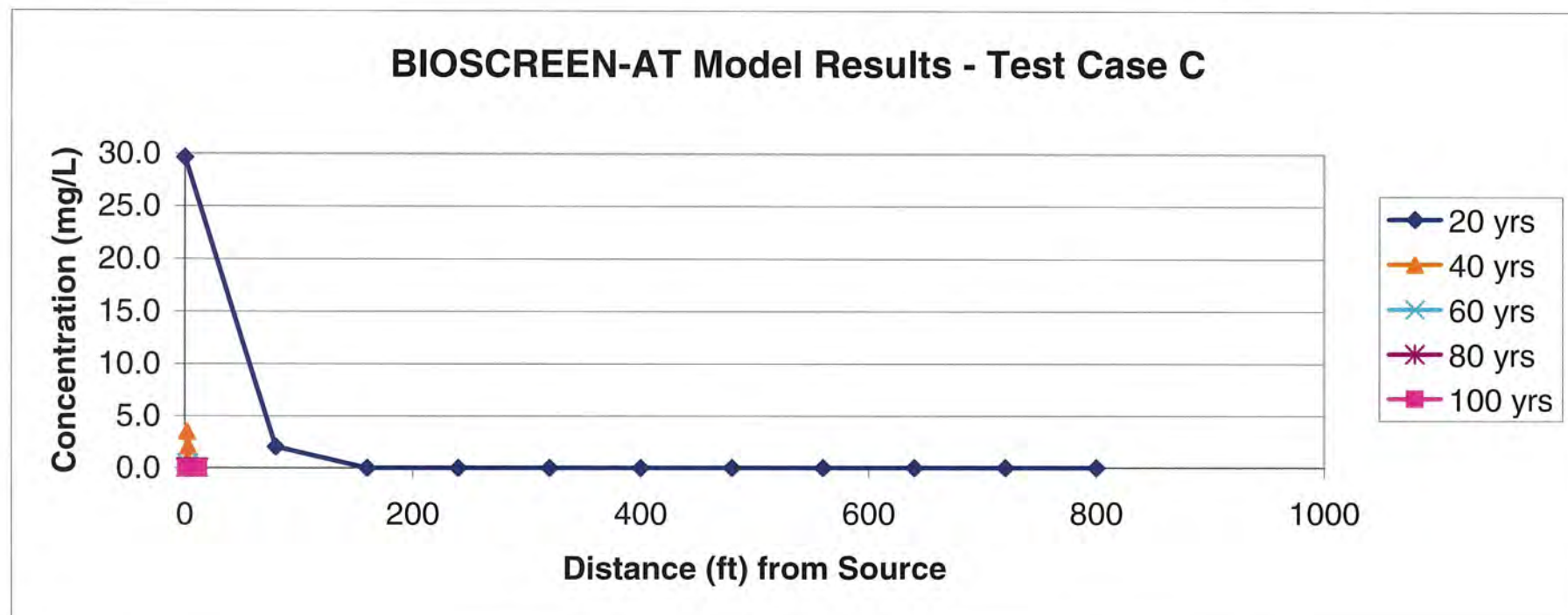




**FIGURE 3C Summary of BIOSCREEN Modeling Results - Test Case C**  
**Former D&H Farms Facility, Adel, Georgia**

TEST C		Downgradient Creek Compliance Point									
Initial Source Concentration -		250 mg/L									
Calibrated Half-life (Cr) -		6.4 yrs									
Calibrated First-Order Decay Rate (Cr) -		0.1066 1/yrs									
Distance (ft)	0	80	160	240	320	400	480	560	640	720	800
20 yrs	29.641	2.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 yrs	3.514	2.091	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60 yrs	0.417	0.344	0.086	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80 yrs	0.049	0.043	0.025	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100 yrs	0.006	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000

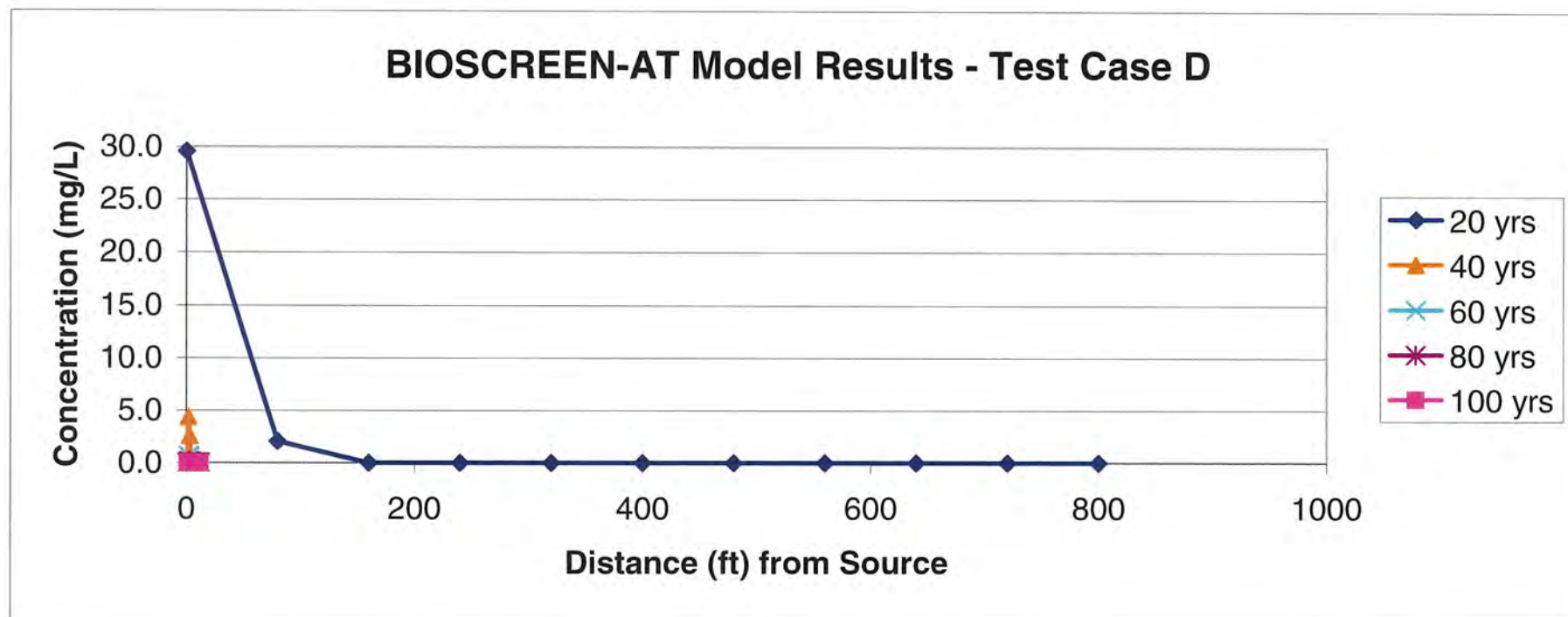
Note: 20 yr simulation was used to essentially match (calibrate) the model to the concentrations and plume distribution detected by the sampling event in early 2010



**FIGURE 3D Summary of BIOSCREEN Modeling Results - Test Case D**  
**Former D&H Farms Facility, Adel, Georgia**

TEST D		Downgradient Creek Compliance Point									
Initial Source Concentration -		200 mg/L									
Calibrated Half-life (Cr) -		7.25 yrs									
Calibrated First-Order Decay Rate (Cr) -		0.0956 1/yrs									
Distance (ft)	0	80	160	240	320	400	480	560	640	720	800
20 yrs	29.565	2.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 yrs	4.370	2.600	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60 yrs	0.646	0.533	0.133	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80 yrs	0.096	0.083	0.048	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100 yrs	0.014	0.012	0.009	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note: 20 yr simulation was used to essentially match (calibrate) the model to the concentrations and plume distribution detected by the sampling event in early 2010

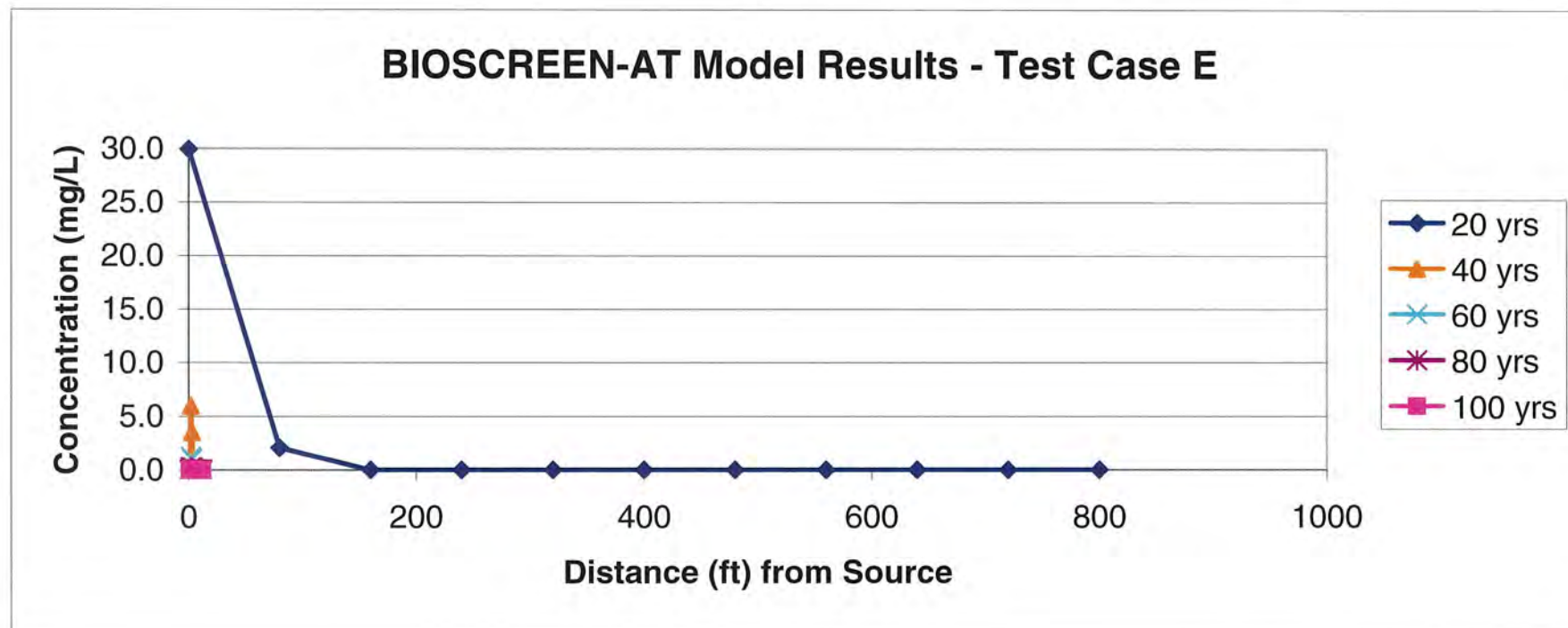




**FIGURE 3E Summary of BIOSCREEN Modeling Results - Test Case E**  
**Former D&H Farms Facility, Adel, Georgia**

<b>TEST E</b>		<b>Downgradient Creek Compliance Point</b>									
Initial Source Concentration -		150 mg/L									
Calibrated Half-life (Cr) -		8.6 yrs									
Calibrated First-Order Decay Rate (Cr) -		0.0806 1/yrs									
Distance (ft)	0	80	160	240	320	400	480	560	640	720	800
20 yrs	29.934	2.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 yrs	5.974	3.554	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60 yrs	1.192	0.983	0.246	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80 yrs	0.238	0.207	0.120	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100 yrs	0.047	0.042	0.031	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000

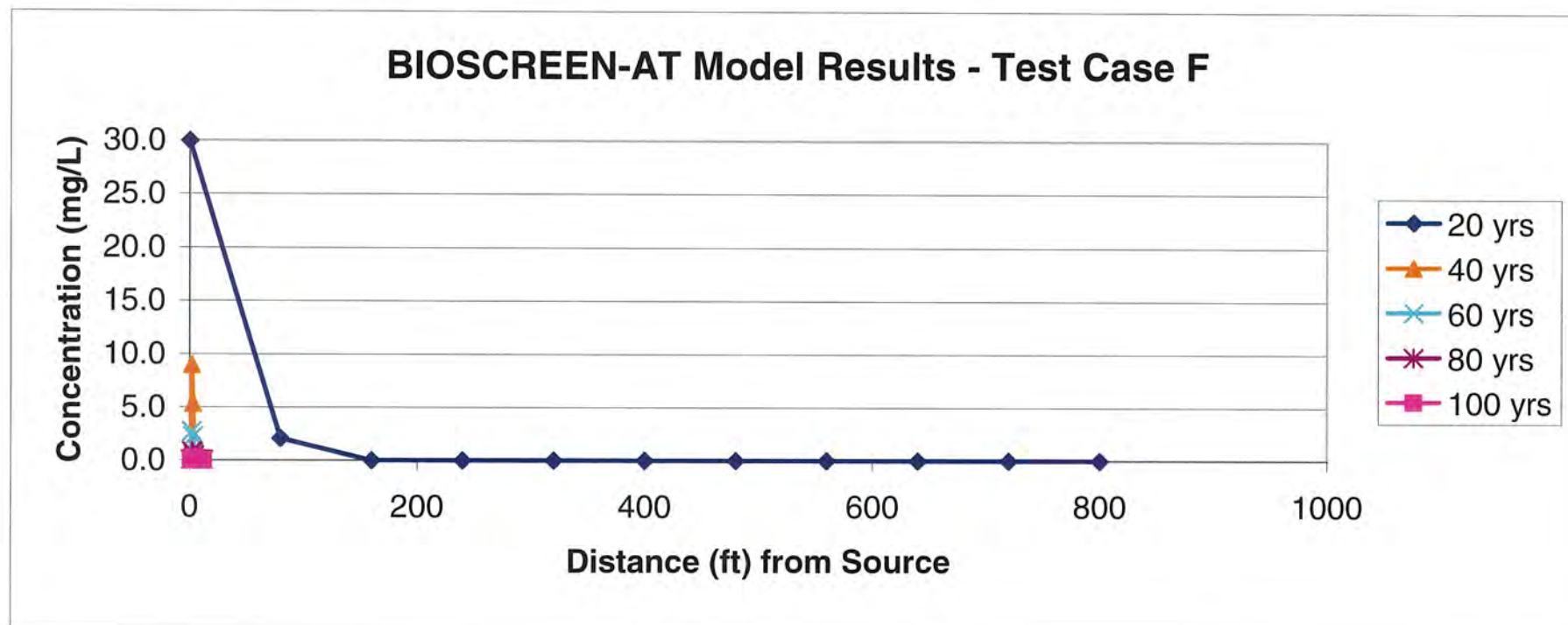
Note: 20 yr simulation was used to essentially match (calibrate) the model to the concentrations and plume distribution detected by the sampling event in early 2010



**FIGURE 3F Summary of BIOSCREEN Modeling Results - Test Case F**  
**Former D&H Farms Facility, Adel, Georgia**

TEST F		Downgradient Creek Compliance Point									
Initial Source Concentration -		100 mg/L									
Calibrated Half-life (Cr) -		11.5 yrs									
Calibrated First-Order Decay Rate (Cr) -		0.0603 1/yrs									
Distance (ft)	0	80	160	240	320	400	480	560	640	720	800
20 yrs	29.963	2.073	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 yrs	8.978	5.342	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60 yrs	2.690	2.219	0.555	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80 yrs	0.806	0.701	0.405	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100 yrs	0.241	0.212	0.160	0.058	0.004	0.000	0.000	0.000	0.000	0.000	0.000

Note: 20 yr simulation was used to essentially match (calibrate) the model to the concentrations and plume distribution detected by the sampling event in early 2010



Source: ECT, 2010



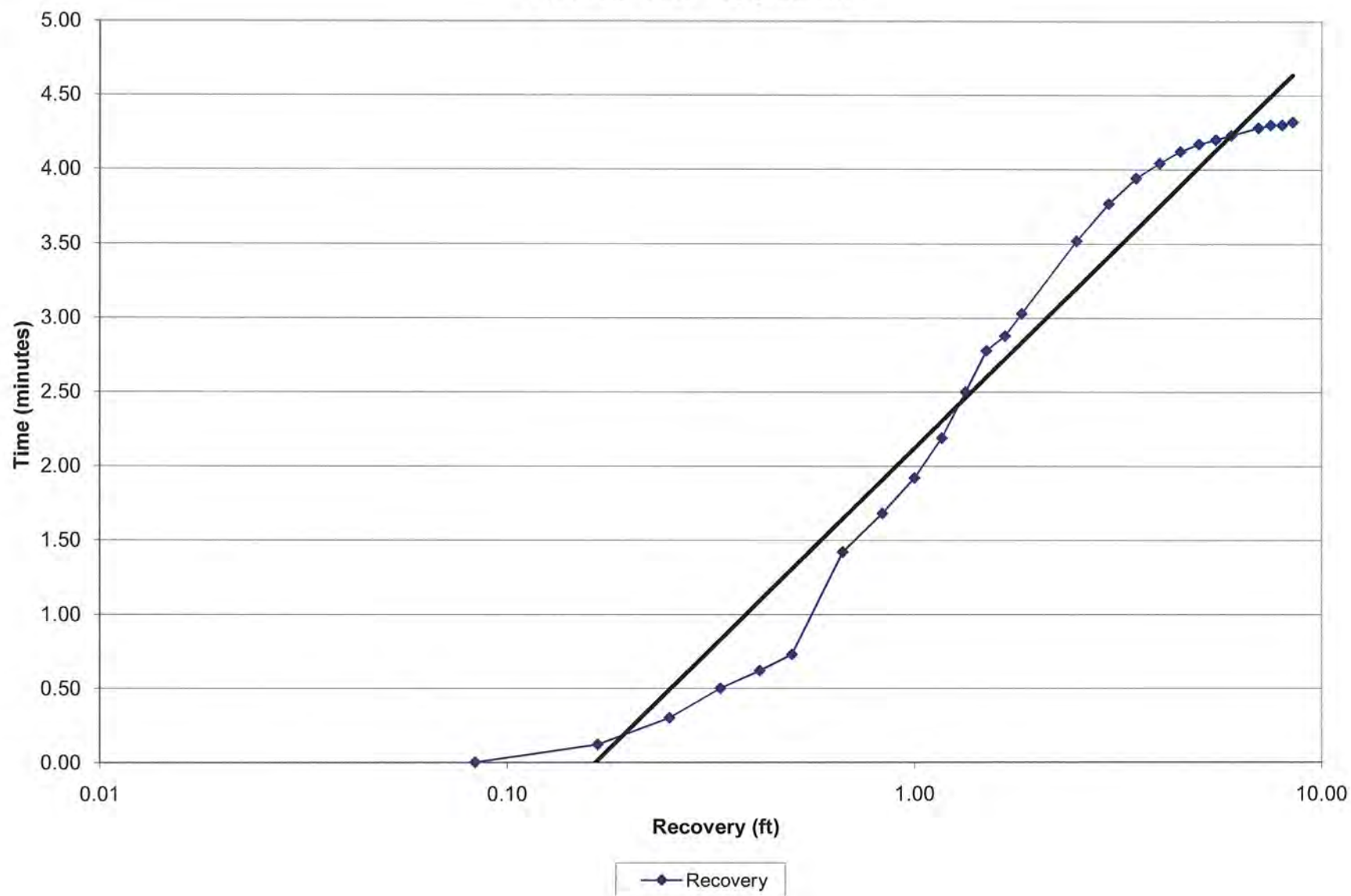
## **APPENDIX A**

### **FIELD DATA FOR BAIL DOWN TESTS AND DATA ANALYSES**

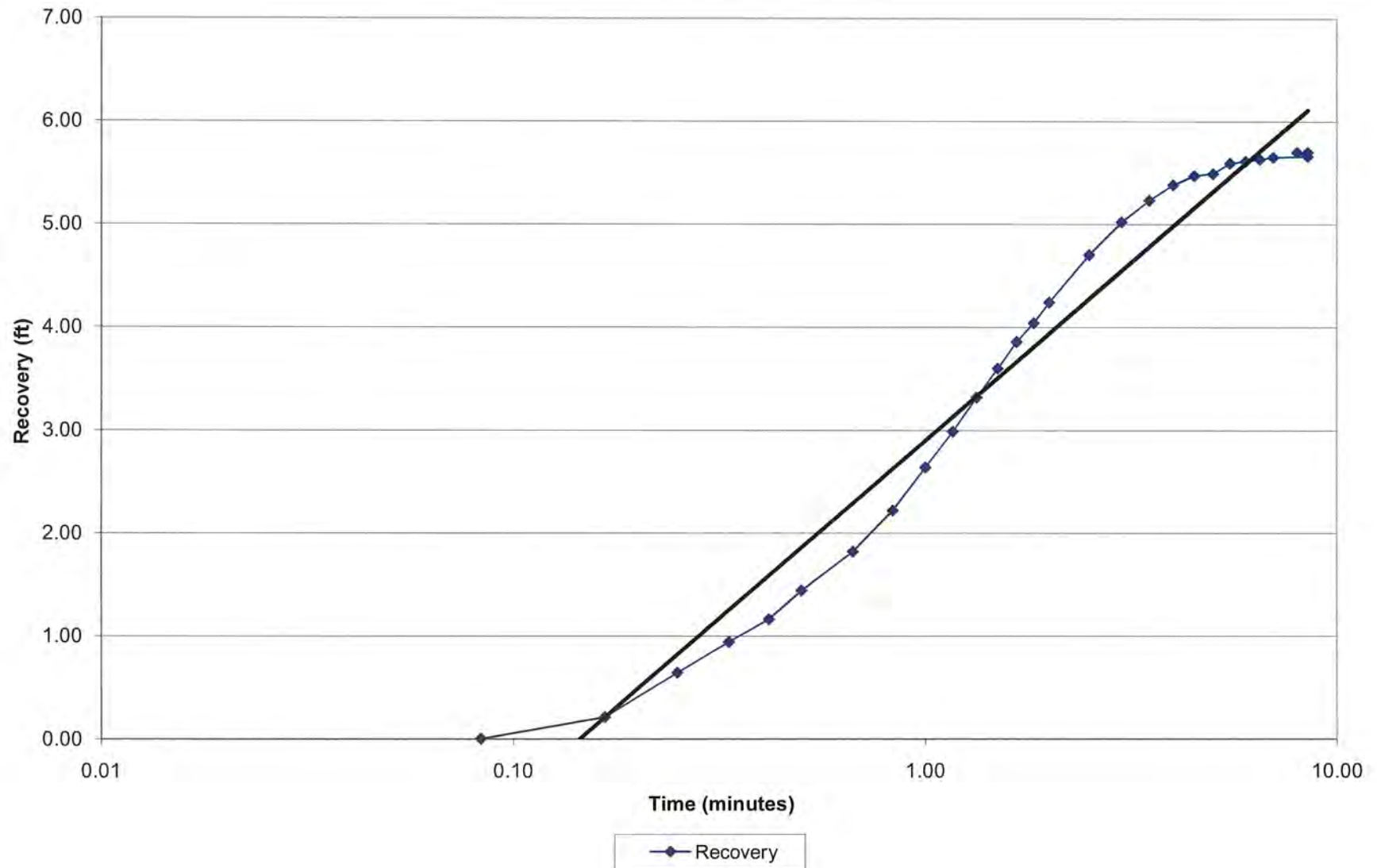
		Minutes	Gallons	gpm
Upgradient -1	6 min 38 sec	6.63	5	0.75
Upgradient -2	16 min 06 sec	16.10	12.1	0.75
Deep	18 min 34 sec	18.57	6.75	0.36
Downgradient	18 min 02 sec	18.03	12.25	0.68



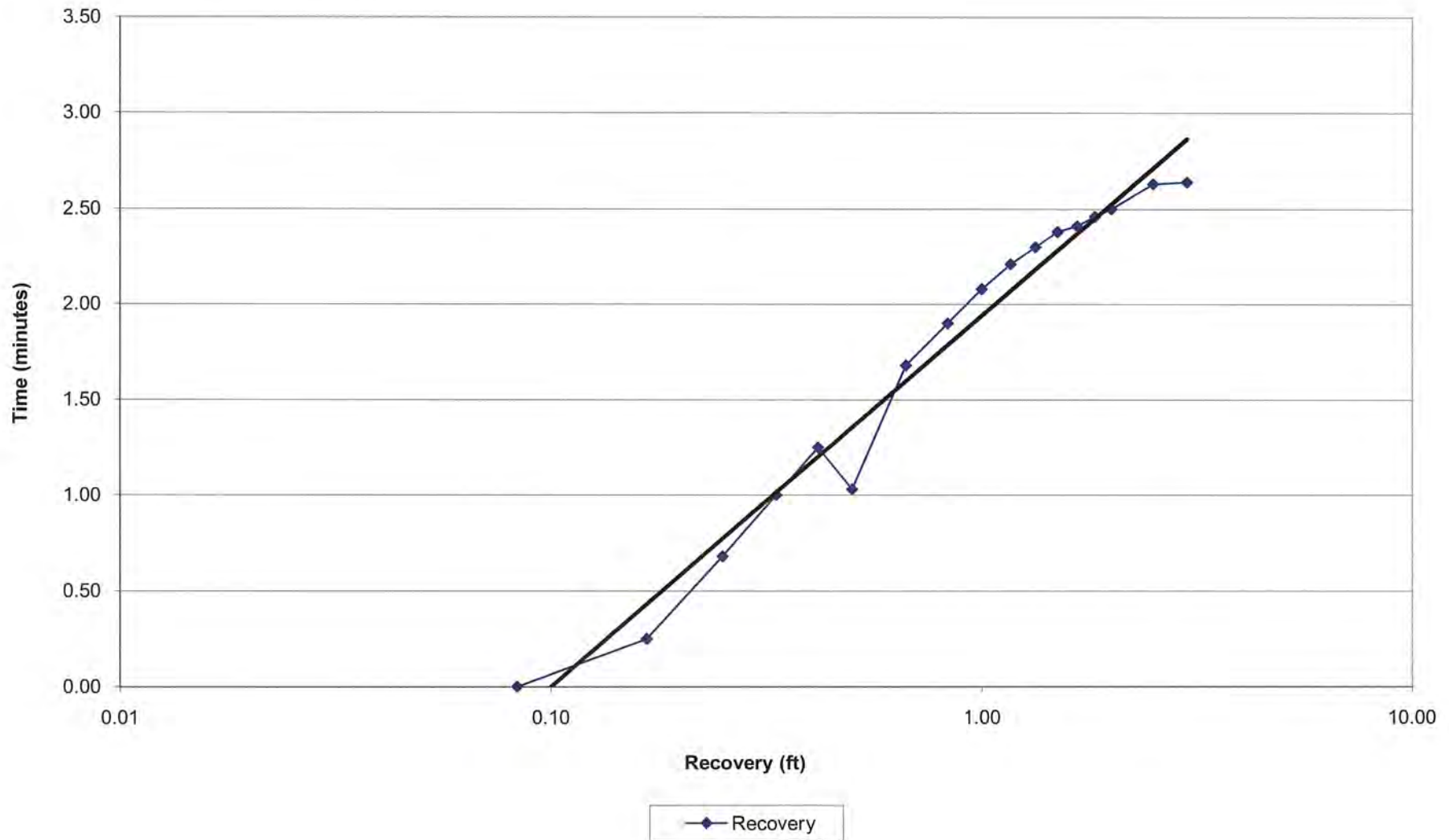
Recovery Data - Upgradient 1

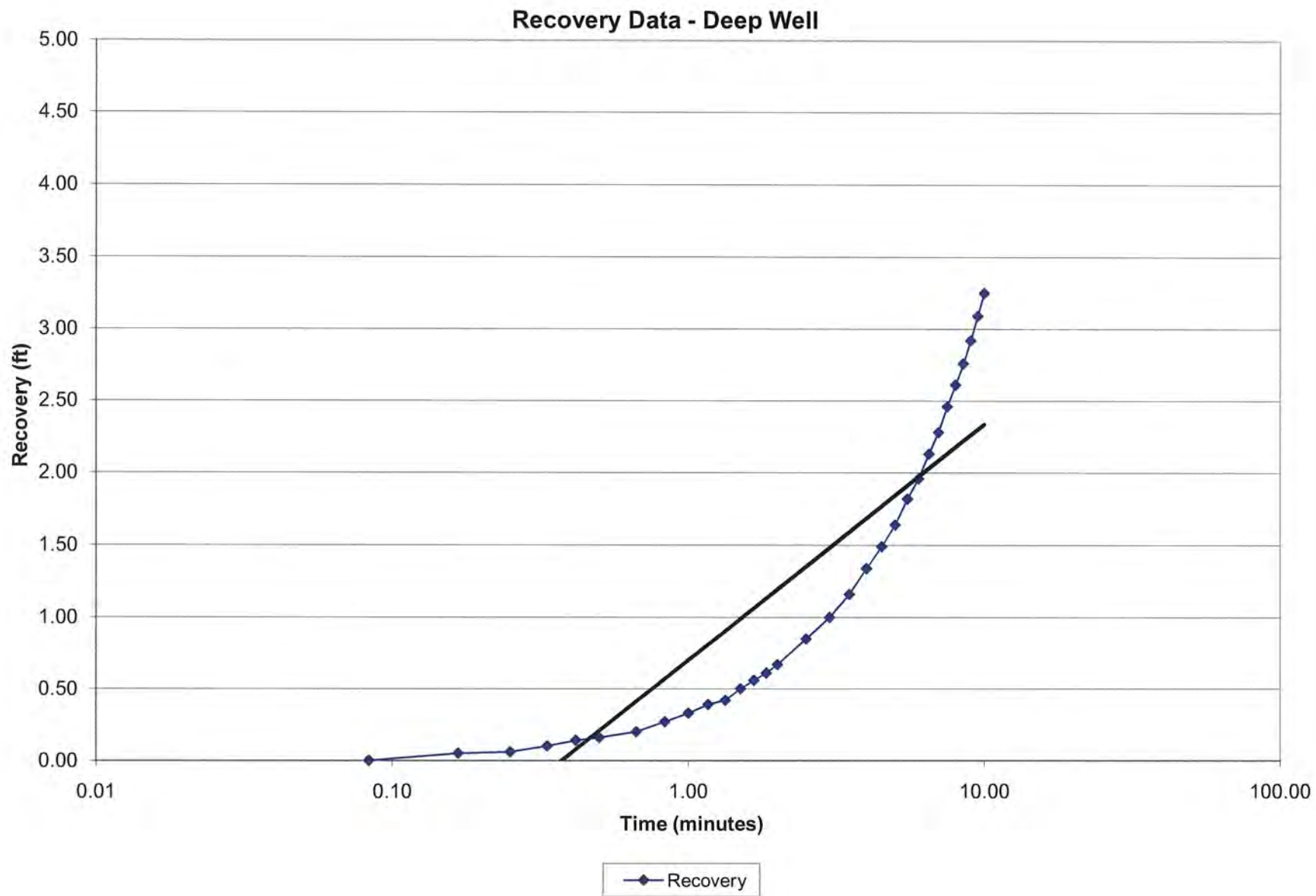


### Recovery Data - Upgradient 2



### Recovery Data - Down Gradient





<b>Upgradient Well Test 1</b>			
<b>Time</b>	<b>Level</b>	<b>Time</b>	<b>Recovery</b>
5	15.83	0.08	0.00
10	15.71	0.17	0.12
15	15.53	0.25	0.30
20	15.33	0.33	0.50
25	15.21	0.42	0.62
30	15.1	0.50	0.73
40	14.41	0.67	1.42
50	14.15	0.83	1.68
60	13.91	1.00	1.92
70	13.64	1.17	2.19
80	13.33	1.33	2.50
90	13.05	1.50	2.78
100	12.95	1.67	2.88
110	12.8	1.83	3.03
2.5	12.31	2.5	3.52
3.0	12.06	3	3.77
3.5	11.89	3.5	3.94
4.0	11.79	4	4.04
4.5	11.71	4.5	4.12
5.0	11.66	5	4.17
5.5	11.63	5.5	4.20
6.0	11.6	6	4.23
7.0	11.55	7	4.28
7.5	11.53	7.5	4.30
8.0	11.53	8	4.30
8.5	11.51	8.5	4.32
9.0	11.51	9	4.32
9.5	11.51	9.5	4.32
10.0	11.51	10	4.32

Upgradient Well Test 2			
Time	Level	Time	Recovery
0	0	0.00	
5	17.25	0.08	0.00
10	17.04	0.17	0.21
15	16.61	0.25	0.64
20	16.31	0.33	0.94
25	16.09	0.42	1.16
30	15.81	0.50	1.44
40	15.43	0.67	1.82
50	15.03	0.83	2.22
60	14.61	1.00	2.64
70	14.26	1.17	2.99
80	13.93	1.33	3.32
90	13.65	1.50	3.60
100	13.39	1.67	3.86
110	13.21	1.83	4.04
120	13.01	2.00	4.24
2.5	12.55	2.5	4.70
3.0	12.23	3	5.02
3.5	12.02	3.5	5.23
4.0	11.87	4	5.38
4.5	11.78	4.5	5.47
5.0	11.76	5	5.49
5.5	11.66	5.5	5.59
6.0	11.64	6	5.61
6.5	11.62	6.5	5.63
7.0	11.60	7	5.65
8.5	11.59	8.5	5.66
8.0	11.55	8	5.70
8.5	11.55	8.5	5.70
9.0	11.55	9	5.70
9.5	11.54	9.5	5.71
10.0	11.54	10	5.71

<b>Down Gradient Well</b>			
<b>Time</b>	<b>Level</b>	<b>Time</b>	<b>Recovery</b>
5	8.89	0.08	0.00
10	8.64	0.17	0.25
15	8.21	0.25	0.68
20	7.89	0.33	1.00
25	7.64	0.42	1.25
30	7.86	0.50	1.03
40	7.21	0.67	1.68
50	6.99	0.83	1.90
60	6.81	1.00	2.08
70	6.68	1.17	2.21
80	6.59	1.33	2.30
90	6.51	1.50	2.38
100	6.48	1.67	2.41
110	6.43	1.83	2.46
120	6.39	2.00	2.50
2.5	6.26	2.5	2.63
3.0	6.25	3	2.64
3.5	6.25	3.5	2.64
4.0	6.26	4	2.63
4.5	6.26	4.5	2.63
5.0	6.26	5	2.63
5.5	6.26	5.5	2.63
6.0	6.26	6	2.63
6.5	6.26	6.5	2.63
7.0	6.26	7	2.63
7.6	6.26	7.6	2.63
8.0	6.26	8	2.63
8.5	6.26	8.5	2.63
9.0	6.26	9	2.63
9.5	6.26	9.5	2.63
10	6.26	10	2.63

Deep Well			
Time	Level	Time	Recovery
5	55.15	0.08	0.00
10	55.1	0.17	0.05
15	55.09	0.25	0.06
20	55.05	0.33	0.10
25	55.01	0.42	0.14
30	54.99	0.50	0.16
40	54.95	0.67	0.20
50	54.88	0.83	0.27
60	54.82	1.00	0.33
70	54.76	1.17	0.39
80	54.73	1.33	0.42
90	54.65	1.50	0.50
100	54.59	1.67	0.56
110	54.54	1.83	0.61
120	54.48	2.00	0.67
2.5	54.30	2.5	0.85
3.0	54.15	3	1.00
3.5	53.99	3.5	1.16
4.0	53.81	4	1.34
4.5	53.66	4.5	1.49
5.0	53.51	5	1.64
5.5	53.33	5.5	1.82
6.0	53.19	6	1.96
6.5	53.02	6.5	2.13
7.0	52.87	7	2.28
7.5	52.69	7.5	2.46
8.0	52.54	8	2.61
8.5	52.39	8.5	2.76
9.0	52.23	9	2.92
9.5	52.06	9.5	3.09
10	51.90	10	3.25



**APPENDIX B**

**ANALYTICAL DATA  
SEPTEMBER 2010 SAMPLING EVENT**





## ANALYTICAL RESULTS

Workorder: J1008061 Adel

Lab ID: J1008061001

Date Received: 9/24/2010 08:50 Matrix: Water

Sample ID: SB-35

Date Collected: 9/23/2010 13:42

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>METALS</b>								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Chromium	1.5	mg/L		1	0.0040	0.00050	9/28/2010 21:35	J
Analysis Desc: SW846 6010B Analysis,Dissolved	Preparation Method: SW-846 3005A Analytical Method: SW-846 6010,Dissolved							
Chromium	1.0	mg/L		1	0.0040	0.00050	9/30/2010 19:09	J
<b>WET CHEMISTRY</b>								
Analysis Desc: Hexavalent Chromium,SM3500-CR D,Water	Analytical Method: SM 3500-CR D							
Hexavalent Chromium	0.92	mg/L	I	25	1.2	0.14	9/24/2010 10:15	J

Lab ID: J1008061002

Date Received: 9/24/2010 08:50 Matrix: Water

Sample ID: SB-34

Date Collected: 9/23/2010 13:50

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>METALS</b>								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Chromium	2.0	mg/L		1	0.0040	0.00050	9/28/2010 21:39	J
Analysis Desc: SW846 6010B Analysis,Dissolved	Preparation Method: SW-846 3005A Analytical Method: SW-846 6010,Dissolved							
Chromium	1.9	mg/L		1	0.0040	0.00050	9/30/2010 19:14	J
<b>WET CHEMISTRY</b>								
Analysis Desc: Hexavalent Chromium,SM3500-CR D,Water	Analytical Method: SM 3500-CR D							
Hexavalent Chromium	1.5	mg/L	I	50	2.5	0.29	9/24/2010 10:15	J

Report ID: 140592 - 3011707

Page 3 of 8

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## ANALYTICAL RESULTS

Workorder: J1008061 Adel

Lab ID: **J1008061003**  
Sample ID: **SB-29**

Date Received: 9/24/2010 08:50 Matrix: Water  
Date Collected: 9/23/2010 16:00

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>METALS</b>								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Chromium	13	mg/L		1	0.0040	0.00050	9/28/2010 21:43	J
Analysis Desc: SW846 6010B Analysis, Dissolved			Preparation Method: SW-846 3005A Analytical Method: SW-846 6010, Dissolved					
Chromium	18	mg/L		1	0.0040	0.00050	9/30/2010 19:19	J
<b>WET CHEMISTRY</b>								
Analysis Desc: Hexavalent Chromium, SM3500-CR D, Water			Analytical Method: SM 3500-CR D					
Hexavalent Chromium	14	mg/L		100	5.0	0.57	9/24/2010 10:15	J

Lab ID: **J1008061004**  
Sample ID: **SB-28**

Date Received: 9/24/2010 08:50 Matrix: Water  
Date Collected: 9/23/2010 16:10

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>METALS</b>								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Chromium	2.2	mg/L		1	0.0040	0.00050	9/28/2010 21:48	J
Analysis Desc: SW846 6010B Analysis, Dissolved			Preparation Method: SW-846 3005A Analytical Method: SW-846 6010, Dissolved					
Chromium	1.9	mg/L		1	0.0040	0.00050	9/30/2010 19:58	J
<b>WET CHEMISTRY</b>								
Analysis Desc: Hexavalent Chromium, SM3500-CR D, Water			Analytical Method: SM 3500-CR D					
Hexavalent Chromium	2.4	mg/L	I	50	2.5	0.29	9/24/2010 10:15	J

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Phone: (904)363-9350  
Fax: (904)363-9354

## ANALYTICAL RESULTS QUALIFIERS

Workorder: J1008061 Adel

---

### PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

### LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)

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### QUALITY CONTROL DATA

Workorder: J1008061 Adel

QC Batch: WCAJ/24325 Analysis Method: SM 3500-CR D  
QC Batch Method: SM 3500-CR D Prepared:  
Associated Lab Samples: J1008061001, J1008061002, J1008061003, J1008061004

METHOD BLANK: 608674

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Hexavalent Chromium	mg/L	0.0057	0.0057 U

QC Batch: DGMJ/21728 Analysis Method: SW-846 6010  
QC Batch Method: SW-846 3010A Prepared: 09/28/2010 05:30  
Associated Lab Samples: J1008061001, J1008061002, J1008061003, J1008061004

METHOD BLANK: 609185

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Chromium	mg/L	0.00050	0.00050 U

QC Batch: DGMJ/21737 Analysis Method: SW-846 6010,Dissolved  
QC Batch Method: SW-846 3010A Prepared: 09/30/2010 05:30  
Associated Lab Samples: J1008061001, J1008061002, J1008061003, J1008061004

METHOD BLANK: 610923

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Chromium	mg/L	0.00050	0.00050 U

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: J1008061 Adel

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
J1008061001	SB-35			SM 3500-CR D	WCAJ/24325
J1008061002	SB-34			SM 3500-CR D	WCAJ/24325
J1008061003	SB-29			SM 3500-CR D	WCAJ/24325
J1008061004	SB-28			SM 3500-CR D	WCAJ/24325
J1008061001	SB-35	SW-846 3010A	DGMJ/21728	SW-846 6010	ICPJ/20979
J1008061002	SB-34	SW-846 3010A	DGMJ/21728	SW-846 6010	ICPJ/20979
J1008061003	SB-29	SW-846 3010A	DGMJ/21728	SW-846 6010	ICPJ/20979
J1008061004	SB-28	SW-846 3010A	DGMJ/21728	SW-846 6010	ICPJ/20979
J1008061001	SB-35	SW-846 3005A	DGMJ/21737	SW-846 6010,Dissolved	ICPJ/20988
J1008061002	SB-34	SW-846 3005A	DGMJ/21737	SW-846 6010,Dissolved	ICPJ/20988
J1008061003	SB-29	SW-846 3005A	DGMJ/21737	SW-846 6010,Dissolved	ICPJ/20988
J1008061004	SB-28	SW-846 3005A	DGMJ/21737	SW-846 6010,Dissolved	ICPJ/20988

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- ☐ **Jacksonville:** 6601 Southpoint Pkwy. • Jacksonville, FL 32216 • 904
- ☐ **Miramar:** 10200 USA Today Way, Miramar, FL 33025 • 954.889.2286
- ☐ **Tallahassee:** 1288 Cedar Center Drive, Tallahassee, FL 32301 • 85
- ☐ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9618 •

**J1008061**

[illegible]

	Relinquished by:	Date	Time	Received by:	Date	Time
1	Donna Gore	9-24-10	0830	B. K.	9/24/10	850
2						
3	P					
4						

**FOR DRINKING WATER USE:**  
(When PWS Information not otherwise supplied) PWS ID: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Phone : \_\_\_\_\_  
Supplier of Water: \_\_\_\_\_  
Site Address: \_\_\_\_\_

## **Phase (III) Environmental Site Cleanup**



ENVIRONMENTAL AUDIT AND ASSESSMENT, INC.  
1305 MELODY LANE • 229.249.8145

## PHASE III ENVIRONMENTAL SITE CLEAN-UP

OF



D & H FARMS  
1109 Industrial Boulevard  
ADEL, GEORGIA 31620

PREPARED BY:

EAA, Inc.  
1305 Melody Lane  
Valdosta, GA 31601  
229.249.8145

[www.murraygaskins.com/ea.html](http://www.murraygaskins.com/ea.html)

REVIEWED BY:

Mr. Murray Gaskins  
Senior Environmental Consultant  
229.249.8145 - 229.251.1202  
[murray@murraygaskins.com](mailto:murray@murraygaskins.com)

Project #: 1889508

Date of Report: 4-10-2007

On-Site Date: 2-1-2007

*[Signature]*  
For the whole Document  
D. J. Gaskins  
6/25/07

**Phase III  
Environmental Site Cleanup**

**Commercial Property**

**Location:**

**D&H Farms  
1109 Industrial Boulevard  
Adel, Georgia 31620**

**Property Reference #  
1889508**

**Prepared By:**

**Environmental Audit and Assessment Inc.  
1305 Melody Lane  
Valdosta, Georgia 31601**

**4-10-2007**

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## 1.0 GENERAL INFORMATION / SCOPE OF WORK

EAA, Inc. was contracted to perform a Phase III Environmental Site clean up of the property located at the property formerly operated as Production Anodizing, now operated as D&H Farms.

The address of the cleanup site is 1109 Industrial Boulevard Adel, Georgia 31620 **Property Reference # 1889508**

This report has been prepared as an instrument of service for Mr. David Glisson and D&H Farms.

This Phase III was conducted in order remove RCRA metals present at the former location of the clarifier tank previously located onsite.

Soil samples were taken by EAA, Inc., pre and post clean up. Laboratory analysis was performed for the presence of the RCRA metals in the fill utilized to fill the excavation created by the removal of the arsenic contaminated soils.

### 3.0. GEOLOGIC DESCRIPTION

#### 3.1 Local Geology & Soil Description

The U.S.D.A. Soil Conservation Survey (SCS) for Cook County, Georgia identifies the soils in the area of the subject property as Pelham complex. Typically, Pelham soils have a gray loamy sand surface layer. The subsurface layer is light gray loamy sand that extends to a depth of about 32 to 40 inches. The subsoil to a depth of about 45 inches is brown sandy loam; the soil is light gray-brown in the upper levels and gray in the lower levels. Nodules of ironstone were encountered in the upper part of the sampled soil strata. Plinthite/ironstone content ranges from less than 10 to 15 percent.

According to information reviewed in the Cook County SCS, the available water capacity is high. Organic content and drainage capacity in these soils is low. Permeability is moderate in the upper section of the subsoil and moderately low in the lower soils. Based on the EDR supplied information, the elevation of the site is approximately 232 feet above sea level. The direction of groundwater flow in the surficial aquifer, based on the U.S.G.S., is unascertainable.

As part of the pre excavation investigation, limited site-specific geology was also defined by conducting multiple soil borings on the subject property. EAA, Inc. conducted soil borings in order to determine the depth of onsite soils and depth to confining clay layer. Based upon the field data, the soils beneath the subject property consist of medium grained, brown silty sand from the land surface to an approximate depth of four-feet below land surface (bls); at four bls, a tan colored clay confining layer was encountered. The water table was encountered at approximately six feet bls at various points near the excavation.

## 4.0 METHODOLOGY

### 4.1 Soil Excavation

The area selected for the excavation was based on laboratory analysis and visual information obtained during the recent site sampling activities by conducted by EAA, Inc with EPD.

The excavation of contaminated soils was conducted by use of a backhoe, the soils were then hauled to Veolia Pecan Row Landfill.

After excavating six loads of Fly ash and stained soils, then transporting them to Veolia Pecan Row Landfill, EAA, Inc. stopped excavating the soils, then collected soil samples for laboratory analysis. These soils were analyzed for the presence of arsenic. The presence of Arsenic was detected and confirmed by laboratory analysis, the excavation of contaminated soils was then resumed until all visibly contaminated soils were removed. Confirmatory samples were again taken and sent for laboratory analysis.

In all, twenty four loads of contaminated soils were ultimately excavated from the site and were sent by truck to Veolia Pecan Row Landfill.

## 5.0 LABORATORY ANALYTICAL RESULTS

### 5.1 Laboratory Analytical Results - Soil

Laboratory analytical results for from samples are summarized in the laboratory report attached as Appendix A.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

Post excavation laboratory analyses of soils in the pit did not detect or confirm the presence of Arsenic.

Soils were also sampled down grade, no Arsenic was detected at the downgrade sampling point.

A closure for the site is recommended and anticipated.



## 7.0 LIMITATIONS / DEFINITIONS

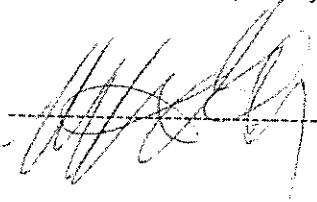
The scope of work for this cleanup was limited to analysis of excavated soils, soil borings, and laboratory analysis of the soils for the presence of Arsenic.

This report has presented and discussed the environmental condition of the subject property up to the date of our activities only and does not warrant that the property will remain in that condition past that date. Conclusions drawn from the results of this assessment are limited by the methods used and do not represent a warranty that all areas within the subject property are in the same condition. The analysis and recommendations submitted in this report are based upon the data obtained from soil sample locations. This report does not reflect any variations that may occur between the sampling points.

The client should realize that the subject property, which in our opinion, did not exhibit evidence that toxic or hazardous wastes were at the ground surface during our site inspection and field work, except as qualified herein, could later be impacted due to natural phenomena, human intervention, on-site pollution sources or contamination due to adjacent properties. These occurrences are beyond our control. EAA or its representative has made no agreement to give legal testimony or to appear in court or other hearings, formal or informal, with the client or any party involved with the property. The client may make separate arrangements with EAA for testimony required now or in the future. All portions of this report are an integral part of this Phase II ESA and should not be separated from any other portion of the report.

This report is the property of EAA, Inc. and has been prepared for the use of Mr. David Glisson, Southwest Georgia Farm Credit and Georgia EPD.

The use of the report by unauthorized third parties is at their own risk.

 4/11/2007

**Appendix A:**  
**Pre-cleanup Contaminated Soil Laboratory Analysis**

**Analytical Environmental Services, Inc.**

Date: 30-Mar-07

**CLIENT:** EAA Inc.  
**Lab Order:** 0703H61  
**Project:** D & H Farms  
**Lab ID:** 0703H61-001A

**Client Sample ID:** # 1  
**Tag Number:**  
**Collection Date:** 3/28/2007 5:00:00 PM  
**Matrix:** SOIL

Analyses	Result	Limit Qual	Units	BatchID	DF	Date Analyzed
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: LKW</b>
Arsenic	68.1	6.21	mg/Kg-dry	84444	1	3/29/2007 4:47:23 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: CG</b>
Percent Moisture	26.0	0	wt%		1	3/28/2007 11:00:00 AM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 30-Mar-07

CLIENT: EAA Inc.  
Lab Order: 0703H61  
Project: D & H Farms  
Lab ID: 0703H61-002A

Client Sample ID: 2  
Tag Number:  
Collection Date: 3/28/2007  
Matrix: SOIL

Analyses	Result	Limit Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		SW6010B	(SW3050B)			
Arsenic	9.91	8.09	mg/Kg-dry	84444	1	Analyst: LKW 3/29/2007 5:59:43 PM
PERCENT MOISTURE		D2216				
Percent Moisture	40.4	0	wt%		1	Analyst: CG 3/29/2007 6:10:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 30-Mar-07

CLIENT: EAA Inc.  
Lab Order: 0703H61  
Project: D & H Farms  
Lab ID: 0703H61-003A

Client Sample ID: 3  
Tag Number:  
Collection Date: 3/28/2007  
Matrix: SOIL

Analyses	Result	Limit Qual	Units	BatchID	DF	Date Analyzed
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		
Arsenic	127	6.51	mg/Kg-dry	84444	1	Analyst: LKW 3/29/2007 6:02:42 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				
Percent Moisture	27.1	0	wt%		1	Analyst: CG 3/29/2007 6:10:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

## **Appendix B:**

### **Post Cleanup Contaminated Soil Laboratory Analysis**

**Analytical Environmental Services, Inc.**

Date: 09-Apr-07

CLIENT: EAA Inc.  
Project: D&H Farms  
Lab ID: 0704221-002

Client Sample ID: CONTAMINATED TEST SOIL  
Collection Date: 4/4/2007 1:00:00 PM  
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			SW6010B	(SW3050B)			
Arsenic	BRL	5.00		mg/Kg-dry	84709	1	Analyst: LKW 4/5/2007 1:25 PM
PERCENT MOISTURE			D2216				
Percent Moisture	3.83	0		wt%		1	Analyst: ZA 4/5/2007 12:00 AM

Qualifiers: • Value exceeds Maximum Contaminant Level  
BRL Below Reporting Limit  
H Holding times for preparation or analysis exceeded  
N Analyte not NELAC certified  
B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)  
S Surrogate Recovery outside accepted recovery limits  
Narr See Case Narrative  
NC Not Confirmed

**Analytical Environmental Services, Inc.**

Date: 09-Apr-07

CLIENT: EAA Inc.  
Project: D&H Farms  
Lab ID: 0704221-003

Client Sample ID: DOWN GRADE  
Collection Date: 4/4/2007 1:00:00 PM  
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL							
Arsenic	BRL	4.92	SW6010B	(SW3050B)	84709	1	Analyst: LKW 4/5/2007 1:28 PM
PERCENT MOISTURE							
Percent Moisture	4.05	0	D2216	wt%		1	Analyst: ZA 4/5/2007 12:00 AM

Qualifiers:	* Value exceeds Maximum Contaminant Level	E Estimated (Value above quantitation range)
	BRL Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
	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	



## **Appendix C:**

### **Clean Fill Laboratory Analysis**

# Analytical Environmental Services, Inc.

Date: 09-Apr-07

CLIENT: EAA Inc.  
Project: D&H Farms  
Lab ID: 0704221-004

Client Sample ID: CLEAN FILL  
Collection Date: 4/4/2007 1:00:00 PM  
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
<b>MERCURY, TCLP</b>							
Mercury	BRL	0.00400		mg/L	84755	1	Analyst: TF 4/6/2007 1:24 PM
<b>ICP METALS, TCLP</b>							
Arsenic	BRL	0.250		mg/L	84754	1	Analyst: LKW 4/6/2007 1:12 PM
Barium	BRL	0.500		mg/L	84754	1	4/6/2007 1:12 PM
Cadmium	BRL	0.0250		mg/L	84754	1	4/6/2007 1:12 PM
Chromium	BRL	0.0500		mg/L	84754	1	4/6/2007 1:12 PM
Lead	BRL	0.0500		mg/L	84754	1	4/6/2007 1:12 PM
Selenium	BRL	0.100		mg/L	84754	1	4/6/2007 1:12 PM
Silver	BRL	0.0250		mg/L	84754	1	4/6/2007 1:12 PM
<b>METALS, TOTAL</b>							
Arsenic	BRL	4.99		mg/Kg-dry	84781	1	Analyst: DJ 4/9/2007 12:19 PM
Barium	BRL	4.99		mg/Kg-dry	84781	1	4/9/2007 12:19 PM
Cadmium	BRL	2.49		mg/Kg-dry	84781	1	4/9/2007 12:19 PM
Chromium	BRL	2.49		mg/Kg-dry	84781	1	4/9/2007 12:19 PM
Lead	BRL	4.99		mg/Kg-dry	84781	1	4/9/2007 12:19 PM
Selenium	BRL	4.99		mg/Kg-dry	84781	1	4/9/2007 12:19 PM
Silver	BRL	2.49		mg/Kg-dry	84781	1	4/9/2007 12:19 PM
<b>PERCENT MOISTURE</b>							
Percent Moisture	4.01	0		wt%		1	Analyst: ZA 4/9/2007 12:00 AM

Qualifiers: \*

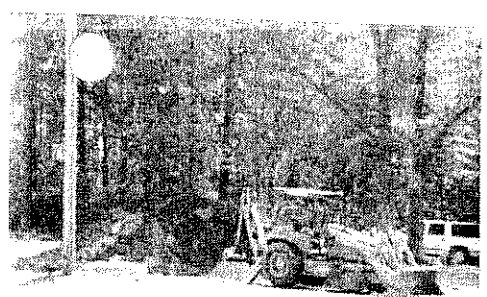
- BRL Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

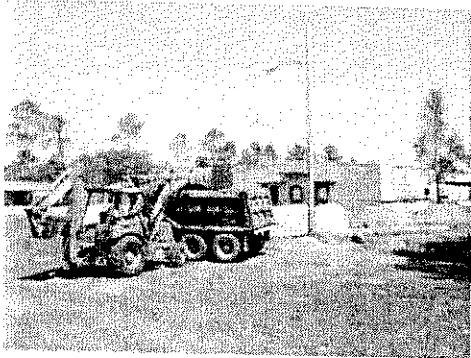
**Appendix D:**  
**Site Activity Photographic Log**



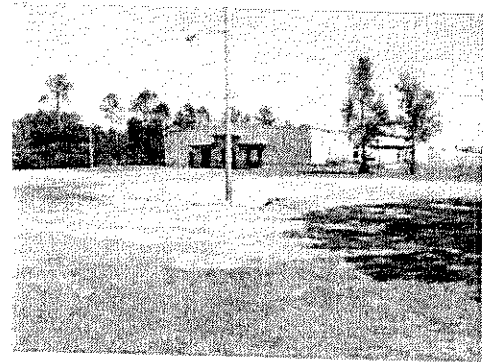
1) Clean Fill



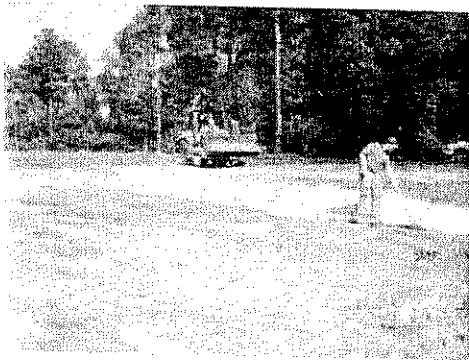
2) Contaminated Soil



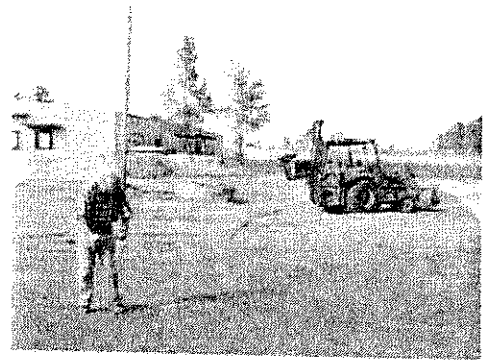
3) Loading Contaminated Soil



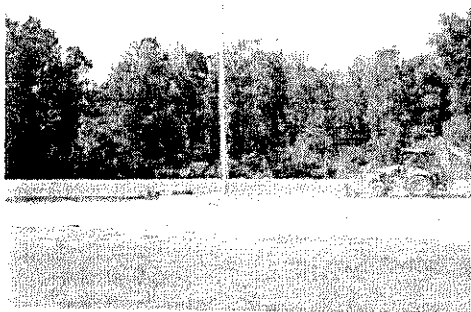
4) Excavation



5) Installing 6mil barrier



6) Sampling downgrade



7) Finishing excavation to grade

## **Appendix E:**

### **Landfill Manifest**

Veolia ES Pecan Row Landfill, LLC Ticket: P4359002  
2995 Wetherington Lane 2 April 2007 4:23 pm  
Valdosta, GA 31601-1109 2 April 2007 4:37 pm  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 106840

Inbound - Disposal  
Cook / GA

02 Gross Weight 58,260.00 lb  
Tare Weight 22,720.00 lb  
Net Weight 35,540.00 lb 17.77 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
17.77	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Earl Dozier*

Transporters	Roger Trucking Tech #1		229 263 5910	Date of Pick-Up Month Day Year 4-2-07
	Type/Print Name & Title EARL DOZIER		Signature Required <i>Earl Dozier</i>	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required	
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name Javier Tati	Signature Required <i>Javier R. Tati</i>	Disposal Date Month Day Year	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

ENVIRONMENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL, LLC

WASTE MANIFEST

Origin & State /		Municipal Solid Waste (MSW) Yes No	Non-MSW Yes No	Non-Friable Asbestos Yes No	Friable Asbestos Yes No	Date Loaded	Date Delivered 4-2-07
Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-01-1030		Total Tare Weight		Manifest # 01 - 001 - 106840	
1. Work Site Name & Address						Work Site Telephone # 229 501 1000	
2. Generator Name & Address D & H K... ..						Generator Telephone # 1-1-1-2	
3. Description of Materials Cement				4. Containers Number Type 1000 Gallon Truck		5. Total Tons	
6. Special Handling Instructions/Additional Information Clean Main Cement Environmental							
7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.							
Type/Print Name & Title T...				Signature Required [Signature]		Month Day Year 4-2-07	
8. Transporter #1 Name and Address Roger Trucking Truck #1				Transporter #1 Telephone # 229 263 5910		Date of Pick-Up Month Day Year 4-2-07	
Type/Print Name & Title EARL DOZIER				Signature Required [Signature]			
9. Transporter #2 Name and Address				Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
Type/Print Name & Title				Signature Required			
10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane, Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440				Special Instructions			
Type/Print Name				Signature Required		Disposal Date Month Day Year	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4359047  
 2995 Wetherington Lane 3 April 2007 8:35 am  
 Valdosta, GA 31601-1109 3 April 2007 8:46 am  
 000000 0000 0.00

001030

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Vehicle: MISC

MISCELLANEOUS TRUCKS

Contract: 06-01-1030  
 Reference: 106839

Inbound - Disposal  
 Lowndes / GA

02 Gross Weight 54,260.00 lb  
 Tare Weight 23,420.00 lb  
 Net Weight 30,860.00 lb 15.43 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.43	TN	NS Non Haz Liquids / Solidify			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*[Signature]*

Transporters	Rogers Trucking Truck #3		229 263 5910	4-2-07
	Type/Print Name & Title		Signature Required	
	9 Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up: Month Day Year
Disposal Facility	Type/Print Name & Title		Signature Required	
	10 Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name Tony Graft	Signature Required <i>[Signature]</i>	Disposal Date Month Day Year 4-3-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY



**VEOLIA**

ENVIRONMENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL, LLC

## WASTE MANIFEST

Generator	County & State of Origin	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered 4-2-07
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # 07-01-1030	Total Tare Weight		Manifest # 01 - 001 - 106839		
	1. Work Site Name & Address					Work Site Telephone #	
	2. Generator Name & Address Dark Farms					Generator Telephone # 229 300 6005	
	3. Description of Materials C Soil			4. Containers Number Type 1 one Dump Truck	5. Total Tons		
	6. Special Handling Instructions/Additional Information						
	7. Generator's Certification Clean Management Environmental Group Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title Jimmy Scruggs Sup		Signature Required <i>[Signature]</i>			Month Day Year 4-2-07	
	8. Transporter #1 Name and Address Rogers Trucking Truck # 3		Transporter #1 Telephone # 229 263 5910			Date of Pick-Up Month Day Year 4-2-07	
	Type/Print Name & Title		Signature Required				
Transporters	9. Transporter #2 Name and Address		Transporter #2 Telephone #			Date of Pick-Up Month Day Year	
	Type/Print Name & Title		Signature Required				
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name Tony Graft		Signature Required <i>[Signature]</i>			Disposal Date Month Day Year 4-3-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY

Veolia ES Pecan Row Landfill, LLC Ticket: P4259003  
2995 Wetherington Lane 2 April 2007 4:30 pm  
Valdosta, GA 31601-1109 2 April 2007 4:43 pm  
000000 0000 0.00

001030

Vehicle: MISC  
CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

MISCELLANEOUS TRUCKS

Contract: 06-01-1030  
Reference: 106841

Inbound - Disposal  
Cook / GA

02 Gross Weight 56,120.00 lb  
Tare Weight 23,140.00 lb  
Net Weight 32,980.00 lb 16.49 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
16.49	TN	N8 Non Haz Liquids / Solidify			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Alton Nathan*

Transporters	Type/Print Name & Title <i>Rogers Trucking</i> <i>Truck # 2</i>		Transporter #1 Telephone # <i>229</i> <i>263</i> <i>5410</i>	Date of Pick-Up Month Day Year <i>4-2-07</i>
	Signature Required <i>[Signature]</i>			
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title <i>Alton Nathan</i>		Signature Required <i>Alton Nathan</i>	
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name <i>Jerrine Tull</i>	Signature Required <i>Jerrine Tull</i>		Disposal Date Month Day Year <i>4-2-07</i>

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

## WASTE MANIFEST

County & State of Origin		Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Date Loaded	Date Delivered
Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-01-1030		Total Tare Weight		Manifest # 01 - 001 106841				4-2-07	
Generator	1. Work Site Name & Address						Work Site Telephone # 229 300 6005				
	2. Generator Name & Address D & H Farms						Generator Telephone # 229 251 1202				
	3. Description of Materials C Soil						4. Containers Number Type		5. Total Tons		
							Line Dump Truck				
	6. Special Handling Instructions/Additional Information										
	7. Generator's Certification: Clean Management Environmental Prod Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.										
Transporters	Type/Print Name & Title Jimmy Scruggs sup.		Signature Required [Signature]				Month Day Year 4-2-07				
	8. Transporter #1 Name and Address Rogers Trucking Truck # 2				Transporter #1 Telephone # 229 263 5910				Date of Pick-Up Month Day Year 4-2-07		
					Signature Required [Signature]						
	9. Transporter #2 Name and Address				Transporter #2 Telephone #				Date of Pick-Up Month Day Year		
	Type/Print Name & Title Alton Nation				Signature Required [Signature]						
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440						Special Instructions				
	Type/Print Name Jorie Hall				Signature Required [Signature]				Disposal Date Month Day Year 4-2-07		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358959  
2995 Wetherington Lane 2 April 2007 2:33 pm  
Valdosta, GA 31601-1109 2 April 2007 2:45 pm  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 106835

Inbound - Disposal  
Lowndes / GA

02 Gross Weight 53,980.00 lb  
Tare Weight 22,560.00 lb  
Net Weight 31,420.00 lb 15.71 TN

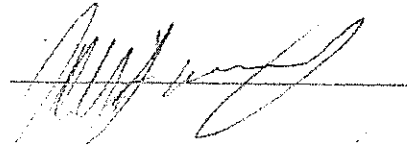
Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.71	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver



Transporters	Type/Print Name & Title <i>Roger Stocking</i> <i>Truck # 3</i>		Month Day Year <i>4-20-07</i>
	Signature Required		
	9. Transporter #2 Name and Address	Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title		Signature Required
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWLF) GA DER Permit # (229) 241-8440		Special Instructions
	Type/Print Name <i>Tony G. Smith</i>	Signature Required <i>TG</i>	Disposal Date Month Day Year <i>4-2-07</i>

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY



ENVIRONMENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL, LLC

## WASTE MANIFEST

Generator	County & State of Origin	Municipal Solid Waste (MSW) Yes No	Non-MSW Yes No	Non-Friable Asbestos Yes No	Friable Asbestos Yes No	Date Loaded	Date Delivered 3-29-07
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # CH-1176	Total Tare Weight		Manifest # 01 - 001 - 106802		
	1. Work Site Name & Address					Work Site Telephone # 229-366-6005	
	2. Generator Name & Address D & H Francis					Generator Telephone # 229-245-1202	
	3. Description of Materials C-5011			4. Containers Number Type Line Dump Truck	5. Total Tons		
	6. Special Handling Instructions/Additional Information Clean Management Environmental Group						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title Jimmy Lewis Sr		Signature Required [Signature]			Month Day Year 3-29-07	
	8. Transporter #1 Name and Address Roger Trucking 2		Transporter #1 Telephone #			Date of Pick-Up Month Day Year 3-29-07	
	Type/Print Name & Title [Signature]		Signature Required [Signature]				
Transporters	9. Transporter #2 Name and Address		Transporter #2 Telephone #			Date of Pick-Up Month Day Year	
	Type/Print Name & Title		Signature Required				
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name Tony G. Lee		Signature Required [Signature]			Disposal Date Month Day Year 3-30-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358463

2995 Wetherington Lane  
Valdosta, GA 31601-1109

29 March 2007 12:56 pm  
29 March 2007 1:11 pm  
000000 0000 0.00

001030

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Vehicle: MISC

MISCELLANEOUS TRUCKS

Contract: 07-01-1030  
Reference: 106799

Inbound - Disposal  
Cook / GA

02 Gross Weight 53,420.00 lb  
Tare Weight 22,800.00 lb  
Net Weight 30,620.00 lb 15.31 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.31	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Jerrie

Driver

*Alter Hoban*

Transporters	Rogers Trucking Truck #2		263 229 5910	Month Day Year 3-29-07
	Type/Print Name & Title <i>Alter Hoban</i>		Signature Required <i>Alter Hoban</i>	
	Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick Up Month Day Year
	Type/Print Name & Title <i>Alter</i>		Signature Required <i>Alter Hoban</i>	
Disposal Facility	10 Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane, Valdosta, GA 31601-1109 002-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name <i>Jerrie</i>		Signature Required <i>Jerrie</i>	
	Disposal Date Month Day Year 3/29/07			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest, (b) a non-MSW Waste Acceptance Form, and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.





MENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL, LLC

WASTE MANIFEST

State in /		Municipal Solid Waste (MSW) Yes No	Non-MSW Yes No	Non-Friable Asbestos Yes No	Friable Asbestos Yes No	Date Loaded	Date Delivered 3-29-07
Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-1-150		Total Tare Weight		Manifest # 01 - 001 - 106799	
1. Work Site Name & Address						Work Site Telephone # 229 300 6005	
2. Generator Name & Address D.H. Jones						Generator Telephone #	
3. Description of Materials C-5011				4. Containers Number	Type	5. Total Tons	
6. Special Handling Instructions/Additional Information Clear Management Environmental Group							
7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.							
Type/Print Name & Title Timothy Scruggs Sr.				Signature Required <i>[Signature]</i>		Month Day Year 3-29-07	
8. Transporter #1 Name and Address Rogers Trucking Touch #2				Transporter #1 Telephone # 263 229 5910		Date of Pick-Up Month Day Year 3-29-07	
Type/Print Name & Title <i>[Signature]</i>				Signature Required <i>[Signature]</i>			
9. Transporter #2 Name and Address				Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
Type/Print Name & Title				Signature Required			
10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit #				Special Instructions (229) 241-8440			
Type/Print Name <i>[Signature]</i>				Signature Required <i>[Signature]</i>		Disposal Date Month Day Year	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

COPY

County & State of Origin 1		Municipal Solid Waste (MSW) Yes No		Non-MSW Yes No		Non-Friable Asbestos Yes No		Friable Asbestos Yes No		Date Loaded	Date Delivered 4-2-07
Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-01-1030		Total Tare Weight		Manifest # 01 - 001 - 106835					
1. Work Site Name & Address						Work Site Telephone # 229 300 6605					
2. Generator Name & Address Dr H Farms						Generator Telephone # 229 251 1202					
3. Description of Materials C Soil						4. Containers Number Type Elc Dump Truck		5. Total Tons			
6. Special Handling Instructions/Additional Information Clean Management Environmental Group											
7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste; as defined on the reverse side.											
Type/Print Name & Title Jimmy Evans Sup						Signature Required <i>[Signature]</i>			Month Day Year 4-2-07		
8. Transporter #1 Name and Address Roger Stockney Truck # 3						Transporter #1 Telephone #			Date of Pick-Up Month Day Year 4-2-07		
Type/Print Name & Title						Signature Required					
9. Transporter #2 Name and Address						Transporter #2 Telephone #			Date of Pick-Up Month Day Year		
Type/Print Name & Title						Signature Required					
10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440						Special Instructions					
Type/Print Name Tony Gaudin						Signature Required <i>[Signature]</i>			Disposal Date Month Day Year 4-2-07		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.



Veolia ES Pecan Row Landfill, LLC Ticket: P4359867  
 2995 Wetherington Lane 2 April 2007 10:14 am  
 Valdosta, GA 31601-1109 2 April 2007 10:30 am  
 000000 0000 0.00

001030 Vehicle: MISC MISCELLANEOUS TRUCKS  
 CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030 Inbound - Disposal  
 Reference: 106831 Lowndes / GA

02 Gross Weight 54,200.00 lb  
 Tare Weight 22,740.00 lb  
 Net Weight 31,460.00 lb 15.73 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.73	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Earl Dozier*

Transporters	Rodger Trucking Truck #1		229 263 5910	Month Day Year 4-2-07
	Type/Print Name & Title		Signature Required	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title EARL DOZIER		Signature Required <i>Earl Dozier</i>	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name Tony L. J.	Signature Required <i>Earl Dozier</i>		Disposal Date Month Day Year 4-2-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

## WASTE MANIFEST

Generator	County & State of Origin <i>Lanier</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Date Loaded	Date Delivered <i>4-2-07</i>	
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>07-01-1030</i>	Total Tare Weight		Manifest # <i>01 - 001 - 106831</i>			
	1. Work Site Name & Address					Work Site Telephone # <i>229 300 6005</i>		
	2. Generator Name & Address <i>D &amp; H Farms</i>					Generator Telephone # <i>229 251 1202</i>		
Transporters	3. Description of Materials <i>C Soil</i>		4. Containers Number Type <i>Line Dump Truck</i>		5. Total Tons			
	6. Special Handling Instructions/Additional Information <i>Environmental Audit &amp; Assessment inc</i>							
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.							
	Type/Print Name & Title <i>Jimmy Seavers Sup</i>		Signature Required <i>[Signature]</i>			Month Day Year <i>4-2-07</i>		
Disposal Facility	8. Transporter #1 Name and Address <i>Rodger Trucking Truck #1</i>		Transporter #1 Telephone # <i>229 263 5910</i>		Date of Pick-Up Month Day Year <i>4-2-07</i>			
	Type/Print Name & Title		Signature Required					
	9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up Month Day Year			
	Type/Print Name & Title <i>EARL DOZIER</i>		Signature Required <i>[Signature]</i>					
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions				
	Type/Print Name <i>Tommy L. J.</i>	Signature Required <i>[Signature]</i>			Disposal Date Month Day Year <i>4-2-07</i>			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358909  
 2995 Wetherington Lane 2 April 2007 12:06 pm  
 Valdosta, GA 31601-1109 2 April 2007 12:21 pm  
 000000 0000 0.00

001030 Vehicle: MISC MISCELLANEOUS TRUCKS  
 CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030  
 Reference: 106846

Inbound - Disposal  
 Cook / GA

02 Gross Weight 53,460.00 lb  
 Tara Weight 22,540.00 lb  
 Net Weight 30,920.00 lb 15.46 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.46	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Earl Dozier*

Transporters	8. Transporter #1 Name and Address <i>Roger Trucking</i> <i>Truck #1</i>		Truck-Up Month Day Year <i>4-2-07</i>
	Type/Print Name & Title		Signature Required
	9. Transporter #2 Name and Address		Transporter #2 Telephone # Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title <i>EARL DOZIER</i>		Signature Required <i>Earl Dozier</i>
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions
	Type/Print Name <i>Jerrie Tall</i>	Signature Required <i>Jerrie Tall</i>	Disposal Date Month Day Year <i>4-2-07</i>

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

## WASTE MANIFEST

Generator	County & State of Origin <i>OK</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered <i>4-2-07</i>	
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>07-08-1030</i>	Total Tare Weight		Manifest # <i>01 001 106846</i>			
	1. Work Site Name & Address					Work Site Telephone # <i>229 300 6005</i>		
	2. Generator Name & Address <i>D &amp; H Farms</i>					Generator Telephone # <i>229 251202</i>		
Transporters	3. Description of Materials <i>C Soil</i>		4. Containers Number Type <i>Line Dump Trucks</i>		5. Total Tons			
	6. Special Handling Instructions/Additional Information <i>Clean Management Environmental Group</i>							
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.							
	Type/Print Name & Title <i>Jimmy Scruggs sup.</i>		Signature Required <i>[Signature]</i>		Month Day Year <i>4-2-07</i>			
Disposal Facility	8. Transporter #1 Name and Address <i>Roger Trucking</i> <i>Truck # 1</i>		Transporter #1 Telephone #		Date of Pick-Up Month Day Year <i>4-2-07</i>			
	Type/Print Name & Title		Signature Required					
	9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up Month Day Year			
	Type/Print Name & Title <i>EARL DOZIER</i>		Signature Required <i>[Signature]</i>					
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions				
	Type/Print Name <i>Jerrie Tall</i>		Signature Required <i>[Signature]</i>		Disposal Date Month Day Year <i>4-2-07</i>			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form, and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC  
2995 Wetherington Lane  
Valdosta, GA 31601-1109

11, LLC Ticket: P4358958

2 April 2007 2:23 pm

2 April 2007 2:44 pm

000000 0000 0.00

001030

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Vehicle: MISC

MISCELLANEOUS TRUCKS

Contract: 07-01-1030

Reference: 106836

Inbound - Disposal  
Lowndes / GA

02 Gross Weight 48,660.00 lb  
Tare Weight 22,600.00 lb  
Net Weight 26,060.00 lb 13.03 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
13.03	TN	FH Fly Ash			

Net Amount:

Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Earl Dozier*

Transporters	Rodger Trucking Truck # 1		229 263 5910	4-2-07
	Type/Print Name & Title EARL DOZIER		Signature Required <i>Earl Dozier</i>	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required	
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name Tony G. L.	Signature Required <i>Tony G. L.</i>		Disposal Date Month Day Year 4-2-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION COPY

**VEOLIA**

## WASTE MANIFEST

ENVIRONMENTAL SERVICES

Generator	County & State of Origin 1		Municipal Solid Waste (MSW) Yes No		Non-MSW Yes No		Non-Friable Asbestos Yes No		Friable Asbestos Yes No		Date Loaded	Date Delivered 4-2-07
	Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-01-1030		Total Tare Weight				Manifest # 01 - 001 - 106836			
	1. Work Site Name & Address								Work Site Telephone # 229-300-6005			
	2. Generator Name & Address D & H Farms								Generator Telephone # 229-251-1202			
Transporters	3. Description of Materials C Soil				4. Containers Number Type Line Dump Truck				5. Total Tons			
	6. Special Handling Instructions/Additional Information Environmental Audit Assessment Inc											
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.											
	Type/Print Name & Title Jimmy Scruggs Sr				Signature Required 				Month Day Year 4-2-07			
Disposal Facility	8. Transporter #1 Name and Address Rodger Trucking Truck # 1				Transporter #1 Telephone # 229 263 5910				Date of Pick-Up Month Day Year 4-2-07			
	Type/Print Name & Title EARL DOZIER				Signature Required 							
	9. Transporter #2 Name and Address				Transporter #2 Telephone #				Date of Pick-Up Month Day Year			
	Type/Print Name & Title				Signature Required							
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440								Special Instructions			
	Type/Print Name Tony G-L				Signature Required 				Disposal Date Month Day Year 4-2-07			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION COPY



Veolia ES Pecan Row Landfill, LLC Ticket: P4358957  
 2995 Wetherington Lane 2 April 2007 2:31 pm  
 Valdosta, GA 31601-1109 2 April 2007 2:43 pm  
 000000 0000 0.00

001030 Vehicle: MISC MISCELLANEOUS TRUCKS  
 CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030 Inbound - Disposal  
 Reference: 106838 Lowndes / GA

02 Gross Weight 46,940.00 lb  
 Tare Weight 23,160.00 lb  
 Net Weight 23,780.00 lb 11.89 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
11.89	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Alton Zahon*

Transporters	Type/Print Name & Title <i>Roger Trachy</i> <i>Treh # 2</i>		2229 263 5910	Month Day Year 4 2 07
	Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title <i>Alton Zahon</i>		Signature Required <i>Alton Zahon</i>	
Disposal Facility	10 Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name <i>Tony G. J.</i>	Signature Required <i>QSR</i>	Disposal Date Month Day Year 4-2-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

County & State of Origin		Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Date Loaded	Date Delivered
Vehicle Lic # or Cont ID #		Waste Acceptance Form # <u>07-01-1030</u>		Total Tare Weight		Manifest # <u>01 - 001 - 106838</u>					
1. Work Site Name & Address						Work Site Telephone # <u>229-300-6005</u>					
2. Generator Name & Address <u>D + H Farms</u>						Generator Telephone # <u>229-251-1202</u>					
3. Description of Materials <u>C Soil</u>				4. Containers Number <u>Line Pump/Truck</u>		Type		5. Total Tons			
6. Special Handling Instructions/Additional Information											
7. Generator's Certification:		<p>Generator hereby certifies that the waste material loaded and transported:</p> <p>(a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.</p>									
Type/Print Name & Title <u>Jimmy Servino Sup</u>		Signature Required <u>[Signature]</u>				Month Day Year <u>4 2 07</u>					
8. Transporter #1 Name and Address <u>Roger Trucking</u>		Transporter #1 Telephone # <u>2229 263</u>				Date of Pick-Up Month Day Year <u>4 2 07</u>					
Type/Print Name & Title <u>Truck # 2</u>		Signature Required									
9. Transporter #2 Name and Address		Transporter #2 Telephone #				Date of Pick-Up Month Day Year					
Type/Print Name & Title <u>Alton Shahan</u>		Signature Required <u>[Signature]</u>									
10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions									
Type/Print Name <u>Tony G. L.</u>		Signature Required <u>[Signature]</u>				Disposal Date Month Day Year <u>4-2-07</u>					

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.



Veolia ES Pecan Row La. ill, LLC Ticket: P4358898  
 2995 Wetherington Lane 2 April 2007 11:49 am  
 Valdosta, GA 31601-1109 2 April 2007 12:01 pm  
 000000 0000 0.00

001030  
 CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606  
 Vehicle: MISC  
 MISCELLANEOUS TRUCKS

Contract: 07-01-1030  
 Reference: 106833  
 Inbound - Disposal  
 Lowndes / GA

02 Gross Weight 60,960.00 lb  
 Tare Weight 22,560.00 lb  
 Net Weight 38,400.00 lb 19.20 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
19.20	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony  
 Driver: *[Signature]*

<b>Transporters</b>	<i>Rodger Trucking</i> <i>Truck #3</i>		<i>229 263</i> <i>5910</i>	<i>4-2-07</i>
	Type/Print Name & Title		Signature Required	
<b>Disposal Facility</b>	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit #		Special Instructions <i>[Signature]</i>	
	Type/Print Name <i>Lorie TALL</i>		Signature Required <i>Lorie Tall</i>	
				Disposal Date Month Day Year <i>4-20-07</i>

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

City & State Origin		Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Date Loaded		Date Delivered 4-2-07	
Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-01-1030		Total Tare Weight				Manifest # 01 - 001 - 106833					
1. Work Site Name & Address										Work Site Telephone # 229 - 300 6005			
2. Generator Name & Address D & H Farms										Generator Telephone # 229 251 1202			
3. Description of Materials C Soil										4. Containers Number Type Line Dump Truck		5. Total Tons	
6. Special Handling Instructions/Additional Information Environmental Audit Assessment inc													
7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.													
Type/Print Name & Title Jimmy Scruggs										Signature Required <i>[Signature]</i>		Month Day Year 4-2-07	
8. Transporter #1 Name and Address Rodger Trucking Truck # 3										Transporter #1 Telephone # 229 263 5910		Date of Pick-Up Month Day Year 4-2-07	
Type/Print Name & Title										Signature Required			
9. Transporter #2 Name and Address										Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
Type/Print Name & Title Jrel Furney										Signature Required <i>[Signature]</i>			
10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2935 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440										Special Instructions			
Type/Print Name										Signature Required		Disposal Date Month Day Year	

Valdosta ES Pecan Row Landfill, LLC Ticket: P4358914  
2995 Wetherington Lane 2 April 2007 12:16 pm  
Valdosta, GA 31601-1109 2 April 2007 12:31 pm  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 106834

Inbound - Disposal  
Cook / GA

02 Gross Weight 53,340.00 lb  
Tare Weight 23,120.00 lb  
Net Weight 30,220.00 lb 15.11 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.11	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

Alton Tucker

Transporters	Type/Print Name & Title		Month Day Year	
	Rogers Trucking Truck # 2		4-2-07	
	Signature Required			
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title		Signature Required	
	Alton Tucker		alton Tucker	
	10. Disposal Facility Name, Address & Telephone #		Special Instructions	
	Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440			
Type/Print Name		Signature Required		Disposal Date Month Day Year
Kerrie TALL		Kerrie Tall		4-2-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY

## WASTE MANIFEST

Generator	County & State of Origin	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered 4-2-07
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # 07-01-1030	Total Tare Weight		Manifest # 01 - 001 - 106834		
	1. Work Site Name & Address					Work Site Telephone # 229 300 6005	
	2. Generator Name & Address D-H Farms					Generator Telephone # 229 251-1202	
Transporters	3. Description of Materials Soil			4. Containers Number Type Line Dump Truck	5. Total Tons		
	6. Special Handling Instructions/Additional Information Clean Management Environmental Group						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title Jimmy Scruggs SVP		Signature Required <i>[Signature]</i>		Month Day Year 4-2-07		
Disposal Facility	8. Transporter #1 Name and Address Rogers Trucking Truck # 2			Transporter #1 Telephone #		Date of Pick-Up Month Day Year 4-2-07	
	Type/Print Name & Title			Signature Required			
	9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title Alton Tucker			Signature Required <i>[Signature]</i>			
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name Kerrie Tall		Signature Required <i>[Signature]</i>		Disposal Date Month Day Year 4.2.07		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.



Veolia ES Pecan Row Landfill, LLC Ticket: P4358865

2995 Wetherington Lane  
Valdosta, GA 31601-1109

2 April 2007 10:15 am  
2 April 2007 10:28 am  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 106832

Inbound - Disposal  
Lowndes / GA

Q2 Gross Weight 52,940.00 lb  
Tare Weight 23,320.00 lb  
Net Weight 29,620.00 lb 14.81 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
14.81	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver *Alton Graham*

Transporters	Rodger Trucking		229 263	Month Day Year
	Truck #2		5910	4-2-07
	Type/Print Name & Title		Signature Required	
	9. Transporter #2 Name and Address		Transporter #2 Telephone	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title		Signature Required	
	ALTON GRAHAM		<i>Alton Graham</i>	
	10. Disposal Facility Name, Address & Telephone #		Special Instructions	
	Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			
Type/Print Name		Signature Required		Disposal Date Month Day Year
Tony G... <i>[Signature]</i>		<i>[Signature]</i>		4-2-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Generator	County & State of Origin <i>Country</i>		Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>		Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>		Date Loaded	Date Delivered <i>4-2-07</i>
	Vehicle Lic # or Cont ID #		Waste Acceptance Form # <i>07-01-1030</i>		Total Tare Weight		Manifest # <i>01 - 001 - 106832</i>					
	1. Work Site Name & Address								Work Site Telephone # <i>229 300 6005</i>			
	2. Generator Name & Address <i>P &amp; H Farms</i>								Generator Telephone # <i>229 251 1202</i>			
	3. Description of Materials <i>C Soil</i>						4. Containers Number <i>Line Dump Truck</i>		5. Total Tons			
	6. Special Handling Instructions/Additional Information <i>Environmental Audit Assessment inc</i>											
Transporters	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.											
	Type/Print Name & Title <i>Jimmy Servais Sup</i>				Signature Required <i>[Signature]</i>				Month Day Year <i>4-2-07</i>			
	8. Transporter #1 Name and Address <i>Rodger Trucking</i>				Transporter #1 Telephone # <i>229 263</i>				Date of Pick-Up Month Day Year <i>4-2-07</i>			
	Type/Print Name & Title <i>Truck #2</i>				Signature Required							
	9. Transporter #2 Name and Address				Transporter #2 Telephone #				Date of Pick-Up Month Day Year			
	Type/Print Name & Title <i>ALTON Braham</i>				Signature Required <i>[Signature]</i>							
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440						Special Instructions					
	Type/Print Name <i>Tony G...</i>				Signature Required <i>[Signature]</i>				Disposal Date Month Day Year <i>4-2-07</i>			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358299  
 2995 Wetherington Lane 28 March 2007 2:50 pm  
 Valdosta, GA 31601-1109 28 March 2007 3:06 pm  
 000000 0000 0.00

001030 Vehicle: MISC MISCELLANEOUS TRUCKS  
 CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030 Inbound - Disposal  
 Reference: 106792 Lowndes / GA

02 Gross Weight 48,040.00 lb  
 Tare Weight 23,020.00 lb  
 Net Weight 25,020.00 lb 12.51 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
12.51	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Jerrie

Driver

*[Signature]*

Transporters	Rogers Trucking 3 <sup>rd</sup>		229 243 5910	3-28-07
	Type/Print Name & Title <i>[Signature]</i>		Signature Required <i>[Signature]</i>	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title		Signature Required	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane, Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name <i>[Signature]</i>	Signature Required <i>[Signature]</i>	Disposal Date Month Day Year 3-28-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.



## WASTE MANIFEST

Generator	County & State of Origin <u>Lowndes</u>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered <u>3-28-07</u>	
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <u>07-OM1030</u>	Total Tare Weight		Manifest # <u>01-001-106792</u>			
	1. Work Site Name & Address					Work Site Telephone # <u>229-301-6005</u>		
	2. Generator Name & Address <u>DTH Farms</u>					Generator Telephone # <u>229-251-1202</u>		
Transporters	3. Description of Materials <u>C-Soil</u>			4. Containers Number <u>3</u>	Type	5. Total Tons		
	6. Special Handling Instructions/Additional Information <u>Chain Management Environmental Group</u>							
	7. Generator's Certification Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.							
	Type/Print Name & Title <u>Jimmy Scruggs, Sup.</u>		Signature Required <u>[Signature]</u>		Month Day Year <u>3-28-07</u>			
Disposal Facility	8. Transporter #1 Name and Address <u>Rogers Trucking 3</u>			Transporter #1 Telephone # <u>229-263-5910</u>		Date of Pick-Up Month Day Year <u>3-28-07</u>		
	Type/Print Name & Title <u>Soel Flory</u>			Signature Required <u>[Signature]</u>				
	9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year		
	Type/Print Name & Title			Signature Required				
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane, Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit #			Special Instructions				
	Type/Print Name <u>Toay G</u>		Signature Required <u>[Signature]</u>		Disposal Date Month Day Year <u>3-28-07</u>			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.



Veolia ES Pecan Row Landfill, LLC Ticket: P4358232  
 2995 Wetherington Lane 28 March 2007 12:00 pm  
 Valdosta, GA 31601-1109 28 March 2007 12:18 pm  
 000000 0000 0.00

001030

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Vehicle: MISC

MISCELLANEOUS TRUCKS

Contract: 07-01-1030  
 Reference: 105803

Inbound - Disposal  
 Lowndes / GA

02 Gross Weight 54,020.00 lb  
 Tare Weight 23,120.00 lb  
 Net Weight 30,900.00 lb 15.45 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.45	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*[Signature]*

Transporters	Type/Print Name & Title		Signature Required	
	Rodger Trucking Truck #2		229 243 5910	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title		Signature Required	
	10. Disposal Facility Name, Address & Telephone #		Special Instructions	
	Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440			
Type/Print Name		Signature Required		Disposal Date Month Day Year
Tony G. L.		<i>[Signature]</i>		3-28-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY

**VEOLIA**

ENVIRONMENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL LLC

## WASTE MANIFEST

County & State of Origin		Municipal Solid Waste (MSW)		Non-MSW		Non-Friable Asbestos		Friable Asbestos		Date Loaded	Date Delivered	
Yes No		Yes No		Yes No		Yes No		Yes No				
Louisiana		Yes		No		No		No				
Vehicle Lic # or Cont ID #		Waste Acceptance Form #		Total Tare Weight		Manifest #						
		0701-1030				01 - 001 106803						
Generator	1. Work Site Name & Address										Work Site Telephone #	
	2. Generator Name & Address										229 300 6005	
	3. Description of Materials										229-251 1202	
	C-5011										Generator Telephone #	
	4. Containers Number										Type	
	Dump Truck										5. Total Tons	
6. Special Handling Instructions/Additional Information												
7. Generator's Certification Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.												
Type/Print Name & Title						Signature Required			Month Day Year			
8. Transporter #1 Name and Address						Transporter #1 Telephone #			Date of Pick-Up			
Rodger Trucking						229 263			Month Day Year			
Truck no# 2						5910						
Type/Print Name & Title						Signature Required						
Jimmy Scruggs Sup						Jim Scruggs						
9. Transporter #2 Name and Address						Transporter #2 Telephone #			Date of Pick-Up			
									Month Day Year			
Type/Print Name & Title						Signature Required						
10. Disposal Facility Name, Address & Telephone #						Special Instructions						
Veolia ES Pecan Row Landfill, LLC												
2995 Wetherington Lane • Valdosta, GA 31601-1109												
092-019D (MSWL)												
GA DER Permit #												
(229) 241-8440												
Type/Print Name						Signature Required			Disposal Date			
Tony G. L.						MAG 30			Month Day Year			
									3-28-07			

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358142  
2995 Wetherington Lane 28 March 2007 8:00 am  
Valdosta, GA 31601-1109 28 March 2007 8:16 am  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 106789

Inbound - Disposal  
Lowndes / GA

02 Gross Weight 52,960.00 lb  
Tare Weight 23,220.00 lb  
Net Weight 29,740.00 lb 14.87 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
14.87	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

Transporters	Type/Print Name & Title		Signature Required		Month Day Year
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year	
	Type/Print Name & Title		Signature Required		
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions		
Disposal Facility	Type/Print Name	Signature Required		Disposal Date Month Day Year	
	Tony G. S.			3-28-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

County & State of Origin <i>Louisa</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded <i>03-27-07</i>	Date Delivered <i>03-28-07</i>
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>07-01-1030</i>	Total Tare Weight		Manifest # <b>01 - 001 - 106789</b>	
Generator	1. Work Site Name & Address				Work Site Telephone #	
	2. Generator Name & Address <i>DJH Farms</i>				Generator Telephone #	
	3. Description of Materials			4. Containers Number	Type	5. Total Tons
	6. Special Handling Instructions/Additional Information					
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.					
	Type/Print Name & Title		Signature Required <i>[Signature]</i>		Month Day Year	
Transporters	8. Transporter #1 Name and Address		Transporter #1 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title <i>[Signature]</i>		Signature Required <i>[Signature]</i>			
	9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title		Signature Required			
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions		
	Type/Print Name <i>Tony G. I.</i>		Signature Required <i>[Signature]</i>		Disposal Date Month Day Year <i>3-28-07</i>	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.



Veolia ES Pecan Row Landfill, LLC Ticket: P4358141  
2995 Wetherington Lane 28 March 2007 7:56 am  
Valdosta, GA 31601-1109 28 March 2007 8:13 am  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 106788

Inbound - Disposal  
Lowndes / GA

Gross Weight 47,600.00 lb  
Tare Weight 23,180.00 lb  
Net Weight 24,420.00 lb 12.21 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
12.21	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Alton Baker*

Transporters	Type/Print Name & Title		Signature Required	
	<i>Alton Baker</i>		<i>Alton Baker</i>	
	9. Transporter #2 Name and Address		Transporter #2: Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required	
Disposal Facility	10. Disposal Facility Name, Address & Telephone #		Special Instructions	
	Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			
	Type/Print Name	Signature Required	Disposal Date Month Day Year	
	<i>Tony G. J.</i>	<i>MAH 62</i>	3-28-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

**VEOLIA**

ENVIRONMENTAL SERVICES

OLIA ES PECAN ROW LANDFILL, INC.

## WASTE MANIFEST

Generator	County & State of Origin <u>Lowndes/1</u>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded <u>3-27-07</u>	Date Delivered <u>3-28-07</u>
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <u>07-01-1030</u>	Total Tare Weight		Manifest # <u>01 - 001 - 106788</u>		
	1. Work Site Name & Address					Work Site Telephone # <u>229-263-5910</u>	
	2. Generator Name & Address <u>D &amp; H Farms</u>					Generator Telephone #	
	3. Description of Materials <u>C-5011</u>			4. Containers Number	Type	5. Total Tons	
	6. Special Handling Instructions/Additional Information						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title			Signature Required		Month Day Year	
	3. Transporter #1 Name and Address <u>D &amp; H Farms</u>			Transporter #1 Telephone #		Date of Pick-Up Month Day Year	
	Transporters	Type/Print Name & Title <u>Kalter Broker</u>			Signature Required <u>Kalter Broker</u>		
9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year		
Type/Print Name & Title			Signature Required				
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440				Special Instructions		
	Type/Print Name <u>Tony G. J.</u>		Signature Required <u>[Signature]</u>		Disposal Date Month Day Year <u>3-28-07</u>		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358298

2995 Wetherington Lane

28 March 2007

2:48 pm

Valdosta, GA 31601-1109

28 March 2007

3:04 pm

000000

0000

0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP

P.O. BOX 1606

Contract: 07-01-1030

Inbound - Disposal

Reference: 106798

Lowndes / GA

02 Gross Weight 50,300.00 lb

Tare Weight 22,980.00 lb

Net Weight 27,320.00 lb 13.66 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
13.66	TN	FH Fly Ash			

Net Amount:

Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Jerrie

Driver

*Alton Shaker*

Transporters	Rogers Trucking 2		229-243-5910	Date of Pick-Up Month Day Year 3-28-07
	Type/Print Name & Title <i>Alton Shaker</i>		Signature Required <i>Alton Shaker</i>	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required	
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name <i>Alton Shaker</i>	Signature Required <i>Alton Shaker</i>		Disposal Date Month Day Year 3-28-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

**VEOLIA**

ENVIRONMENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL, LLC

## WASTE MANIFEST

Generator	County & State of Origin <i>Lowndes GA</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered <i>3-28-07</i>
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>07-61-1030</i>	Total Tare Weight		Manifest # <i>01 - 001 - 106798</i>		
	1. Work Site Name & Address					Work Site Telephone # <i>229 300 6005</i>	
	2. Generator Name & Address <i>D&amp;H Farms</i>					Generator Telephone # <i>229 251 1202</i>	
	3. Description of Materials <i>C-Soil</i>			4. Containers Number <i>Line Dump Truck</i>	5. Total Tons		
	6. Special Handling Instructions/Additional Information <i>Clean Management Environmental Group</i>						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title <i>Jimmy Scruggs Sup.</i>			Signature Required <i>[Signature]</i>		Month Day Year <i>3-28-07</i>	
	8. Transporter #1 Name and Address <i>Rogers Trucking 2</i>			Transporter #1 Telephone # <i>229-263-5910</i>		Date of Pick-Up Month Day Year <i>3-28-07</i>	
	Type/Print Name & Title <i>Alton Mober</i>			Signature Required <i>[Signature]</i>			
Transporters	9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title			Signature Required			
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
Disposal Facility	Type/Print Name <i>Alton Mober</i>			Signature Required <i>[Signature]</i>		Disposal Date Month Day Year <i>3-28-07</i>	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY



Veolia ES Pecan Row Landfill, LLC Ticket: P4358369  
 2995 Wetherington Lane 29 March 2007 7:47 am  
 Valdosta, GA 31601-1109 29 March 2007 8:01 am  
 000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030  
 Reference: 106800

Inbound - Disposal  
 Lowndes / GA

02 Gross Weight 45,180.00 lb  
 Tare Weight 22,960.00 lb  
 Net Weight 22,220.00 lb 11.11 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
11.11	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*[Signature]*

Transporters	Type/Print Name & Title <i>Roger Trucking 2</i>		229 263 5910	Month Day Year 3-28-07
	9. Transporter #2 Name and Address <i>Deel Furney</i>		Signature Required <i>[Signature]</i>	
	Transporter #2 Telephone #		Date of Pick Up Month Day Year <i>[Signature]</i>	
Disposal Facility	Type/Print Name & Title		Signature Required <i>[Signature]</i>	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions <i>[Signature]</i>	
	Type/Print Name <i>Tony G. J.</i>	Signature Required <i>[Signature]</i>	Disposal Date Month Day Year 3-29-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION COPY

WASTE MANIFEST

County & State of Origin	Municipal Solid Waste (MSW)	Non-MSW	Non-Friable Asbestos	Friable Asbestos	Date Loaded	Date Delivered
	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	3-28-07	3-29-07
Vehicle Lic # or Cont ID #	Waste Acceptance Form #	Total Tare Weight		Manifest #		
	07-01-1030			01 - 001 - 106800		
Generator	1. Work Site Name & Address			Work Site Telephone #		
				229 300 6005		
	2. Generator Name & Address			Generator Telephone #		
	DIA Farms			229 251 1202		
	3. Description of Materials		4. Containers Number	Type	5. Total Tons	
	C-5011		Nine Dump Truck			
6. Special Handling Instructions / Additional Information						
7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
Type/Print Name & Title		Signature Required			Month Day Year	
Jimmy Geragos Sup.		[Signature]			3-28-07	
Transporters	8. Transporter #1 Name and Address		Transporter #1 Telephone #		Date of Pick-Up	
	Roger Trucking 2		229 263 5910		Month Day Year	
					3-28-07	
	Type/Print Name & Title		Signature Required			
Joel Furney		[Signature]				
9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up		
				Month Day Year		
Type/Print Name & Title		Signature Required				
		[Signature]				
Disposal Facility	10. Disposal Facility Name, Address & Telephone #		Special Instructions			
	Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		[Signature]			
	Type/Print Name	Signature Required		Disposal Date		
	Tony G. J.	[Signature]		Month Day Year 3-29-07		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358368  
 2995 Wetherington Lane 29 March 2007 7:45 am  
 Valdosta, GA 31601-1109 29 March 2007 8:00 am  
 000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030  
 Reference: 106790

Inbound - Disposal  
 Lowndes / GA

02 Gross Weight 42,880.00 lb  
 Tare Weight 22,940.00 lb  
 Net Weight 19,940.00 lb 9.97 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
9.97	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Alton*

Transporters	Roger Trucking Truck 103		229 263 5410	Month Day Year 3-28-07
	Type/Print Name & Title		Signature Required	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title <i>Alton</i>		Signature Required <i>Alton</i>	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name <i>Alton</i>	Signature Required <i>Alton</i>	Disposal Date Month Day Year 3-29-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY

## 2.0 GENERAL SITE DESCRIPTION & LOCATION

The soil samples were taken in soils excavated from a point formerly beneath a clarifier tank formerly onsite near the eastern border of the site. A sample was also taken 45 feet from the excavation, down grade from the tank's former location.

## WASTE MANIFEST

County & State of Origin <i>1</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded <i>3-28-07</i>	Date Delivered <i>3-28-07</i>
Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>0701-1030</i>	Total Tare Weight		Manifest # <i>01 001 106790</i>		
1. Work Site Name & Address				Work Site Telephone # <i>229 300 6005</i>		
2. Generator Name & Address <i>D &amp; H Farms</i>				Generator Telephone # <i>229 251 202</i>		
3. Description of Materials <i>C-5011</i>				4. Containers Number <i>1</i>	Type <i>line Dump Truck</i>	5. Total Tons
6. Special Handling Instructions / Additional Information <i>Clean Management Environment Group</i>						
7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
Type/Print Name & Title <i>Jimmy Scruggs SVP</i>		Signature Required <i>[Signature]</i>		Month: Day: Year <i>3-28-07</i>		
8. Transporter #1 Name and Address <i>Roger Trucking Truett 103</i>		Transporter #1 Telephone # <i>229 263 5910</i>		Date of Pick-Up Month: Day: Year <i>3-28-07</i>		
Type/Print Name & Title		Signature Required				
9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up Month: Day: Year		
Type/Print Name & Title <i>Alton Richon</i>		Signature Required <i>Alton Richon</i>				
10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane · Valdosta, GA 31601-1109 (92-019D (MSWL) GA DER Permit # (229) 241-8440				Special Instructions		
Type/Print Name <i>Alton Richon</i>		Signature Required <i>[Signature]</i>		Disposal Date Month: Day: Year <i>3-29-07</i>		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358405  
2993 Wetherington Lane 29 March 2007 10:24 am  
Valdosta, GA 31601-1109 29 March 2007 10:38 am  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 105797

Inbound - Disposal  
Lowndes / GA

02 Gross Weight 53,340.00 lb  
Tare Weight 22,920.00 lb  
Net Weight 30,420.00 lb 15.21 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.21	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

Transporters	Rogers Trucking 2		Month Day Year 2-29-07
	Type/Print Name & Title Joe Perry	Signature Required 	
	9. Transporter #2 Name and Address	Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title Joe Perry	Signature Required 	
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2993 Wetherington Lane - Valdosta, GA 31601-1109 092-0180 (MSWL) GA DER Permit # (229) 241-8440		Special Instructions 
	Type/Print Name Tony Galt	Signature Required 	Disposal Date Month Day Year 3-29-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY

Generator	County & State of Origin	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered 3-29-07
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # C7-01-1076	Total Tare Weight		Manifest # 01 - 001 - 106797		
	1. Work Site Name & Address					Work Site Telephone # 229 300 6005	
	2. Generator Name & Address D & H Fertilizers					Generator Telephone # 229 251 1205	
Transporters	3. Description of Materials C-5011			4. Containers Number Type Live Pump Truck	5. Total Tons		
	6. Special Handling Instructions/Additional Information						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title Jimmy George, SVP		Signature Required <i>[Signature]</i>			Month Day Year 3-29-07	
Disposal Facility	8. Transporter #1 Name and Address Rogers Trucking 2			Transporter #1 Telephone #		Date of Pick-Up Month Day Year 2-29-07	
	Type/Print Name & Title <i>[Signature]</i>			Signature Required <i>[Signature]</i>			
	9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title <i>[Signature]</i>			Signature Required <i>[Signature]</i>			
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name Felix G. L.		Signature Required <i>[Signature]</i>		Disposal Date Month Day Year 3-29-07		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Verzila ES Pecan Row Landfill, LLC Ticket: P4358404

2995 Wetherington Lane 29 March 2007 10:22 am  
Valdosta, GA 31601-1109 29 March 2007 10:36 am  
000000 0000 0.00

001030 MISCELLANEOUS TRUCKS  
CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Inbound - Disposal  
Lowndes / GA

Contract: 07-01-1030  
Reference: 106796

02 Gross Weight 50,220.00 lb  
Tare Weight 22,880.00 lb  
Net Weight 27,340.00 lb 13.67 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
13.67	TN	FN Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Altan Baker*

Transporters		Month Day Year	
Rogers Trucking 3		3-29-07	
Type/Print Name & Title <i>Altan Baker</i>	Signature Required <i>Altan Baker</i>	Date of Pick-Up Month Day Year	
9. Transporter #2 Name and Address		Transporter #2 Telephone #	
Type/Print Name & Title	Signature Required <i>Altan Baker</i>		





VEOLIA ES PECAN ROW LANDFILL LLC

## WASTE MANIFEST

Generator	County & State of Origin 1	Municipal Solid Waste (MSW) Yes No	Non-MSW Yes No	Non-Friable Asbestos Yes No	Friable Asbestos Yes No	Date Loaded	Date Delivered 3-29-07
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # 0761-1050	Total Tare Weight		Manifest # 01 - 001 - 106796		
	1. Work Site Name & Address					Work Site Telephone # 229 300 6005	
	2. Generator Name & Address DTH Farms					Generator Telephone # 229 251 1205	
Transporters	3. Description of Materials C- Soil			4. Containers Number Line Dump Truck	5. Total Tons		
	6. Special Handling Instructions/Additional Information Clear Management Environmental Group						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title Jimmy Scruggs		Signature Required [Signature]		Month Day Year 3-29-07		
Disposal Facility	8. Transporter #1 Name and Address Rogers Trucking 3			Transporter #1 Telephone #		Date of Pick-Up Month Day Year 3-29-07	
	Type/Print Name & Title [Signature]			Signature Required [Signature]			
	9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title			Signature Required [Signature]			
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name Tony G. L.		Signature Required [Signature]		Disposal Date Month Day Year 3-29-07		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES Pecan Row Landfill, LLC Ticket: P4358228  
2995 Wetherington Lane 28 March 2007 11:59 am  
Valdosta, GA 31601-1109 28 March 2007 12:14 pm  
000000 0000 0.00

001030

Vehicle: MISC

MISCELLANEOUS TRUCKS

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Contract: 07-01-1030  
Reference: 105791

Inbound - Disposal  
Lowndes / GA

02 Gross Weight 47,460.00 lb  
Tare Weight 23,060.00 lb  
Net Weight 24,400.00 lb 12.20 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
12.20	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Alton Kahan*

Transporters	Rogers Trucking Truck no # 3		Transporter #1 Telephone # 229 263 5910	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required <i>Alton Kahan</i>	
	9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title Jimmy Servage Sup		Signature Required <i>Jimmy Servage</i>	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions	
	Type/Print Name Tony G. In...	Signature Required <i>[Signature]</i>	Disposal Date Month Day Year 3-28-07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

**VEOLIA**

ENVIRONMENTAL SERVICES

VEOLIA ES PECAN ROW LANDFILL, LLC

## WASTE MANIFEST

Generator	County & State of Origin <i>Laurens SC</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded <i>3-28-07</i>	Date Delivered <i>3-28-07</i>
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>C-3011</i>	Total Tare Weight		Manifest # <b>01 - 001 - 106791</b>		
	1. Work Site Name & Address					Work Site Telephone # <i>229 300 6005</i>	
	2. Generator Name & Address <i>D &amp; H Thomas</i>					Generator Telephone # <i>229-251-1202</i>	
	3. Description of Materials <i>C-3011</i>			4. Containers Number <i>Dump Truck</i>	5. Total Tons		
	6. Special Handling Instructions/Additional Information						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
Transporters	Type/Print Name & Title		Signature Required			Month Day Year	
	8. Transporter #1 Name and Address <i>Rogers Trucking</i> <i>Truck no # 3</i>		Transporter #1 Telephone # <i>229 263</i> <i>5910</i>		Date of Pick-Up Month Day Year		
	Type/Print Name & Title		Signature Required <i>Walter Nelson</i>				
	9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up Month Day Year		
Disposal Facility	Type/Print Name & Title <i>Jimmy Scruggs Sup.</i>		Signature Required <i>Jimmy Scruggs</i>				
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name <i>Byrd Jones</i>		Signature Required <i>Byrd Jones</i>		Disposal Date Month Day Year <i>3-28-07</i>		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

COPY

Veolia ES Pecan Row Landfill, LLC Ticket: P4358610  
 2995 Wetherington Lane 30 March 2007 9:45 am  
 Valdosta, GA 31601-1109 30 March 2007 10:00 am  
 000000 0000 0.00

001030 Vehicle: MISC MISCELLANEOUS TRUCKS  
 CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
 P.O. BOX 1606

Contract: 07-01-1030 Inbound - Disposal  
 Reference: 106830 Lowndes / GA

02 Gross Weight 53,440.00 lb  
 Tare Weight 22,750.00 lb  
 Net Weight 30,690.00 lb 15.34 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
15.34	TN	FH Fly Ash			

Net Amount:  
 Check No:

To the best of my knowledge this truck contains  
 no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver Allen Risher

Transporters	Roger Trucking 2		3-30-07
	Type/Print Name & Title <u>Allen Risher</u>		Signature Required <u>X Allen Risher</u>
	9. Transporter #2 Name and Address	Transporter #2 Telephone #	Date of Pick-Up Month Day Year
	Type/Print Name & Title		Signature Required
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-0190 (MSWL) GA DER Permit # (229) 241-8440		Special Instructions
	Type/Print Name <u>Tony G. Jure</u>	Signature Required <u>[Signature]</u>	
	Disposal Date Month Day Year <u>3-30-07</u>		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION - COPY

<b>Generator</b>	County & State of Origin 1		Municipal Solid Waste (MSW) Yes No		Non-MSW Yes No		Non-Friable Asbestos Yes No		Friable Asbestos Yes No		Date Loaded	Date Delivered 3-30-07	
	Vehicle Lic # or Cont ID #		Waste Acceptance Form # 07-01-1030		Total Tare Weight				Manifest # 01 - 001 - 106830				
	1. Work Site Name & Address D & H Farms										Work Site Telephone # 229-300-6005		
	2. Generator Name & Address 1										Generator Telephone # 229-251-1000		
<b>Transporters</b>	3. Description of Materials 2 Soil					4. Containers Number Type Line Dump Truck		5. Total Tons					
	6. Special Handling Instructions/Additional Information Clean Management Environmental Group												
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.												
	Type/Print Name & Title Jimmy Leavins, Sup				Signature Required [Signature]				Month Day Year 3-30-07				
<b>Disposal Facility</b>	8. Transporter #1 Name and Address Roger Trucking 2					Transporter #1 Telephone #			Date of Pick-Up Month Day Year 3-30-07				
	Type/Print Name & Title [Signature]					Signature Required [Signature]							
	9. Transporter #2 Name and Address					Transporter #2 Telephone #			Date of Pick-Up Month Day Year				
	Type/Print Name & Title					Signature Required							
<b>Disposal Facility</b>	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440					Special Instructions							
	Type/Print Name Tony G. Jones				Signature Required [Signature]				Disposal Date Month Day Year 3-30-07				

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

Veolia ES, Pecan Row Landfill, LLC Ticket: P4358464  
2995 Wetherington Lane 29 March 2007 12:58 pm  
Valdosta, GA 31601-1109 29 March 2007 1:13 pm  
000000 0000 0.00

001030

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Vehicle: MISC

MISCELLANEOUS TRUCKS

Contract: 07-01-1030  
Reference: 101504

Inbound - Disposal  
Cook / GA

02 Gross Weight 59,620.00 lb  
Tare Weight 22,840.00 lb  
Net Weight 36,780.00 lb 18.39 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
18.39	TN	FH Fly Ash			

Net Amount:

Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Jarrie

Driver

Transporters

Disposal Facility

Type/Print Name & Title		229 263 5910	3-29-07
9. Transporter #2 Name and Address		Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Type/Print Name & Title		Signature Required	
10. Disposal Facility Name, Address & Telephone #		Special Instructions	
Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane - Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			
Type/Print Name	Signature Required	Disposal Date Month Day Year	
Jarrie TALL	[Signature]	Jarrie TALL 3/29/07	

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION COPY



VEOLIA ES PECAN ROW LANDFILL LLC

## WASTE MANIFEST

Generator	County & State of Origin <i>GA OK</i>	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered <i>3-29-07</i>
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # <i>07-011030</i>	Total Tare Weight		Manifest # <b>01 - 001 - 106795</b>		
	1. Work Site Name & Address					Work Site Telephone # <i>229 300 6005</i>	
	2. Generator Name & Address <i>DIH Farms</i>					Generator Telephone # <i>229 251 1202</i>	
Transporters	3. Description of Materials <i>C-Soil</i>			4. Containers Number Type <i>Line Dump Truck</i>		5. Total Tons	
	6. Special Handling Instructions / Additional Information <i>Clean Management Environment Group</i>						
	7. Generator's Certification Generator hereby certifies that the waste material loaded and transported (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title <i>Timmy Scruggs</i>		Signature Required <i>[Signature]</i>		Month Day Year <i>3-28-07</i>		
Disposal Facility	8. Transporter #1 Name and Address <i>Roger Trucking Truck 3</i>			Transporter #1 Telephone # <i>229 263 5910</i>		Date of Pick-Up Month Day Year <i>3-29-07</i>	
	Type/Print Name & Title <i>X</i>			Signature Required <i>X</i>			
	9. Transporter #2 Name and Address			Transporter #2 Telephone #		Date of Pick-Up Month Day Year	
	Type/Print Name & Title			Signature Required			
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name <i>Jerrice TALL</i>		Signature Required <i>[Signature]</i>		Disposal Date Month Day Year <i>3/09/07</i>		

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

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Veolia ES Pecan Row Landfill, LLC Ticket: P4308537  
2995 Westoverington Lane 29 March 2007 4:28 pm  
Valdosta, GA 31601-1109 29 March 2007 4:46 pm  
000000 0.00

001030 Vehicle: MISC MISCELLANEOUS TRUCKS  
CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Inbound - Disposal  
Cook / GA

Contract: 07-01-1030  
Reference: 106794

02 Gross Weight 47,420.00 lb  
Tare Weight 22,740.00 lb  
Net Weight 24,680.00 lb 12.34 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
12.34	TN	FH Fly Ash			

Net Amount:  
Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weightmaster: Jerrie Driver

*Earl Dozier*

Payer Trading		Date of Pickup Month Day Year	
Type/Print Name & Title <i>EARL DOZIER</i>		Signature Required <i>[Signature]</i>	
3. Transporter #2 Name and Address		Transporter #2 Telephone #	
Type/Print Name & Title		Signature Required	



WASTE MANIFEST

Generator	County & State of Origin	Municipal Solid Waste (MSW) Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-MSW Yes <input type="checkbox"/> No <input type="checkbox"/>	Non-Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Friable Asbestos Yes <input type="checkbox"/> No <input type="checkbox"/>	Date Loaded	Date Delivered 3-29-07
	Vehicle Lic # or Cont ID #	Waste Acceptance Form # C-21-1050	Total Tare Weight		Manifest # 01 - 001 - 106794		
	1. Work Site Name & Address					Work Site Telephone # 229 310 6005	
	2. Generator Name & Address D & H Farms					Generator Telephone #	
Transporters	3. Description of Materials C-5011		4. Containers Number Type 1000 Drum 1000		5. Total Tons		
	6. Special Handling Instructions/Additional Information Clear management Environmental Cleanup						
	7. Generator's Certification: Generator hereby certifies that the waste material loaded and transported: (a) does not contain regulated quantities of Hazardous Waste; and (b) is Municipal Solid Waste or Non-MSW Waste, as defined on the reverse side.						
	Type/Print Name & Title Jimmy Seay, Sup		Signature Required [Signature]			Month Day Year 3-29-07	
Disposal Facility	8. Transporter #1 Name and Address Roger Treeling 1		Transporter #1 Telephone #		Date of Pick-Up Month Day Year 3-29-07		
	Type/Print Name & Title EARL DOZIER		Signature Required [Signature]				
	9. Transporter #2 Name and Address		Transporter #2 Telephone #		Date of Pick-Up Month Day Year		
	Type/Print Name & Title		Signature Required				
Disposal Facility	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440			Special Instructions			
	Type/Print Name		Signature Required			Disposal Date Month Day Year	

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Veolia ES Pecan Row Landfill, LLC Ticket: P4358585

2995 Wetherington Lane  
Valdosta, GA 31601-1109

30 March 2007 7:57 am  
30 March 2007 8:11 am  
000000 0000 0.00

001030

CLEAN MANAGEMENT ENVIRONMENTAL GROUP  
P.O. BOX 1606

Vehicle: MISC

MISCELLANEOUS TRUCKS

Contract: 07-01-1030

Reference: 106802

Inbound -- Disposal  
Lowndes / GA

02 Gross Weight 47,960.00 lb

Tare Weight 22,780.00 lb

Net Weight 25,180.00 lb 12.59 TN

Quantity	Unit	Description	Rate	Tax	Total
1.00	EA	EF Environmental Fee			
12.59	TN	FH Fly Ash			

Net Amount:

Check No:

To the best of my knowledge this truck contains  
no hazardous or unacceptable waste.

Weighmaster: Anthony

Driver

*Alton Baker*

Transporters	Roger Trucking 2		Month Day Year 3-29-07
	Type/Print Name & Title <i>Alton Baker</i>	Signature Required <i>Alton Baker</i>	
	9. Transporter #2 Name and Address	Transporter #2 Telephone #	Date of Pick-Up Month Day Year
Disposal Facility	Type/Print Name & Title	Signature Required	
	10. Disposal Facility Name, Address & Telephone # Veolia ES Pecan Row Landfill, LLC 2995 Wetherington Lane • Valdosta, GA 31601-1109 092-019D (MSWL) GA DER Permit # (229) 241-8440		Special Instructions
	Type/Print Name <i>Tony G. Lee</i>	Signature Required <i>Tony G. Lee</i>	Disposal Date Month Day Year 3-30-07

ALL NON-MSW TRANSPORTED FOR DISPOSAL MUST BE ACCOMPANIED BY: (a) this manifest; (b) a non-MSW Waste Acceptance Form; and (c) a Certification thereof. No waste will be accepted for disposal if it contains regulated quantities of Hazardous Waste.

TRANSPORTATION COPY