



Power Solutions

Environment, Health & Safety
1400 Union Meeting Road
Blue Bell, PA 19422
Phone: 215-619-2700
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September 14, 2015

Jason Metzer, Program Manager
Georgia Department of Natural Resources
Response & Remediation Program
Land Protection Branch
2 Martin Luther King, Jr. Dr. SE
Suite 1054
Atlanta, GA 30334

Dear Mr. Metzer;
Subject: C&D Technologies Incorporated
1835 Rockdale Industrial Blvd
Conyers, GA 30012
HSI Number: Class II Site Number 10734

Attached is a completed Voluntary Investigation and Remediation Plan application for the referenced facility for your review and approval.

Please contact me at 215-619-7886 with any questions or requests for additional information. Our technical contact and Georgia Professional Geologist is Craig Bernhoft from AECOM consultants and can be contacted at 615-771-2459.

Regards,

Walter E. Kozlowski
Director – Environment, Health and Safety

Cc: Mr. David Anderson
Vice President, General Counsel and Corporate Secretary
C&D Technologies, Inc.

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
COMPANY NAME	C&D Technologies, Inc				
CONTACT PERSON/TITLE	Walter E. Kozlowski - Director Environment, Health and Safety				
ADDRESS	1400 Union Meeting Road, Blue Bell, PA 19422-0858				
PHONE	215-619-7886	FAX	215-619-7885	E-MAIL	wkozlowski@cdtechno.com
GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	Craig Anthony Bernhoff		GA PEPG NUMBER	PG001966	
COMPANY	AECOM				
ADDRESS	1000 Corporate Centre Drive, Suite 250, Franklin, TN 37076				
PHONE	615-224-2114	FAX	615-771-2459	E-MAIL	Craig.bernhoff@aecom.com
APPLICANT'S CERTIFICATION					
In order to be considered a qualifying property for the VRP:					
<ul style="list-style-type: none"> (1) The property must have a release of regulated substances into the environment; (2) The property shall not be: <ul style="list-style-type: none"> (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601. (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or (C) A facility required to have a permit under Code Section 12-8-66. (3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency. (4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6. 					
In order to be considered a participant under the VRP:					
<ul style="list-style-type: none"> (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action. (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director. 					
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					
I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.					
APPLICANT'S SIGNATURE	<i>Walter E. Kozlowski</i>				
APPLICANT'S NAME/TITLE (PRINT)	WALTER E. KOZLOWSKI	DIRECTOR	EHS	DATE	9/14/15

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)					
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)					
HSI Number	Class II Site Number 10734	Date HSI Site listed	April 2002		
HSI Facility Name	C&D Technologies, Inc. - Conyers, Georgia	NAICS CODE	335591		
PROPERTY INFORMATION					
TAX PARCEL ID	0220010023	PROPERTY SIZE (ACRES)	8.27 Acres		
PROPERTY ADDRESS	1835 Rockdale Industrial Blvd.				
CITY	Conyers	COUNTY	Rockdale County		
STATE	Georgia	ZIPCODE	30207		
LATITUDE (decimal format)	33.675851	LONGITUDE (decimal format)	-84.04721		
PROPERTY OWNER INFORMATION					
PROPERTY OWNER(S)	C&D Technologies, Inc.	PHONE #	215-619-2700		
MAILING ADDRESS	1400 Union Meeting Road	STATE/ZIPCODE	PA 19422-0858		
CITY	Blue Bell		Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)	
ITEM #	DESCRIPTION OF REQUIREMENT				
1.	\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)		Check No 1268656 attached		
2.	WARRANTY DEED(S) FOR QUALIFYING PROPERTY.		Appendix A		
3.	TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).		Appendix A		
4.	ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).		Attached		
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a PROJECTED MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan		CAWP Addendum 2012 Additional Groundwater Assessment Appendix B		

	<p>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;		
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;		
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		
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.		
	<p>SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION:</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, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.</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><i>Craig A. Bell</i></p> <p><i>9-14-2015</i></p> <p>Date</p> <p>Printed Name and GA-PE/PG Number No. PG001966</p> <p>Signature and Stamp</p> 	

6.

ADDITIONAL QUALIFYING PROPERTIES (COPY THIS PAGE AS NEEDED)

PROPERTY INFORMATION			
TAX PARCEL ID	0220010024	PROPERTY SIZE (ACRES)	64.05
PROPERTY ADDRESS	1505 NW Sigman Road		
CITY	Conyers	COUNTY	Rockdale
STATE	Georgia	ZIPCODE	30012
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Robert Pattillo Ind Inc.	PHONE #	
MAILING ADDRESS	2200 Century Parkway Suite 100		
CITY	Atlanta	STATE/ZIPCODE	Georgia 30345
PROPERTY INFORMATION			
TAX PARCEL ID	0220010022	PROPERTY SIZE (ACRES)	1.49
PROPERTY ADDRESS	NW Rockdale Industrial Blvd		
CITY	Conyers	COUNTY	Rockdale
STATE	Georgia	ZIPCODE	30012
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Robert Pattillo Ind Inc.	PHONE #	
MAILING ADDRESS	2200 Century Parkway Suite 100		
CITY	Atlanta	STATE/ZIPCODE	Georgia 30345
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	

ADDITIONAL QUALIFYING PROPERTIES (COPY THIS PAGE AS NEEDED)

PROPERTY INFORMATION			
TAX PARCEL ID	0220010022A	PROPERTY SIZE (ACRES)	6.6
PROPERTY ADDRESS	1875 NW Industrial Blvd.		
CITY	Conyers	COUNTY	Rockdale
STATE	GA	ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Glen Burnie Venture, LLC	PHONE #	
MAILING ADDRESS	111 E Wacker Drive		
CITY	Chicago,	STATE/ZIPCODE	IL 60601

PROPERTY INFORMATION			
TAX PARCEL ID	022001026B	PROPERTY SIZE (ACRES)	6.88
PROPERTY ADDRESS	1801 NW Rockdale Industrial Blvd.		
CITY	Conyers	COUNTY	Rockdale
STATE	GA	ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Frey-Moss Structures, Inc	PHONE #	(770) 483-7543
MAILING ADDRESS	P.O. Box 459		
CITY	Conyers,	STATE/ZIPCODE	GA 30012

PROPERTY INFORMATION			
TAX PARCEL ID	022001017B	PROPERTY SIZE (ACRES)	14.14
PROPERTY ADDRESS	NW Industrial Blvd.		
CITY	Conyers	COUNTY	Rockdale
STATE	GA	ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Latex Construction Company	PHONE #	(770) 760-0820
MAILING ADDRESS	P.O. Box 917		
CITY	Conyers,	STATE/ZIPCODE	GA 30012



Environment

Prepared for:
C&D Technologies Inc.
Blue Bell, PA

Prepared by:
AECOM
Franklin, TN
60398770
September 2015

Preliminary Remediation Plan and Preliminary Conceptual Site Model

**C&D Technologies, 1835 Rockdale
Industrial Blvd, Conyers, Georgia**



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Prepared for:
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Blue Bell, PA

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1.0 Introduction

1.1 Purpose

This Preliminary Remediation Plan, including a Preliminary Conceptual Site Model (CSM), has been prepared on behalf of C&D Technologies Inc (C&D) as part of the Georgia Voluntary Remediation Program (VRP) application submittal for the Rockdale Industrial Blvd Facility. The C&D Rockdale Industrial Blvd Facility is located at 1835 Rockdale Industrial Blvd in Rockdale County, Conyers, Georgia (**Figure 1-1**). The purpose of the Preliminary Remediation Plan and CSM is to provide reasonably available current information to the extent known, as required by the VRP application, with regard to:

- The Facility's surface and subsurface setting;
- The known or suspected source of contamination;
- How contamination might move within the environment;
- Potential human health and ecological receptors;
- Complete or incomplete exposure pathways that may exist at the site; and,
- A projected milestone schedule for investigation and remediation of the site.

The C&D Facility has been listed on the Georgia Hazardous Site Inventory (HIS) Number 10734 as a facility that has a known release in groundwater at levels exceeding the reportable quantity. Chlorinated volatile organic compounds (VOCs) trichloroethene (TCE), tetrachloroethene (PCE), cis-1,2-dichloroethene (cis-DCE), and lead have been detected in groundwater samples at concentrations exceeding the Georgia Hazardous Site Response Act (HSRA) Type 1/3 Risk Reduction Standards (RRS). C&D has performed soil and groundwater remediation activities at the Facility since 2006. This plan proposes to discontinue the groundwater remediation and utilize groundwater use controls/limitations and natural attenuation processes to protect human health and the environment. A brief supporting text, tables, and figures are included in this application.

2.0 Legal Description

2.1 Site Location and Parcel Description

The C&D Facility is located at 1835 Industrial Blvd in Conyers, Rockdale County, Georgia. The subject property is situated approximately 1/4-mile north of Interstate 20. The subject property is accessed directly from Industrial Blvd (southern property boundary).

According to the Rockdale County Assessor's Office, the subject property consists of a single parcel of land that is designated by the county as Parcel Number 0220010023. The approximate location of the subject property is illustrated on **Figure 1-1**.

The warranty deed and tax plat are included in **Appendix A**.

2.2 Site Ownership

Impacted media from facility operations has been observed at the Facility and on nearby properties. Therefore the Site is comprised of:

- The Facility owned by C&D Power Systems, Inc.;
- Property to the west owned by Glen Burnie Venture, LLC; and
- Property to the north owned by Robert Pattillo Properties, Inc. (Pattillo Property), the Latex Construction Company, and Pittman Construction Company.

3.0 Remedial Activities

3.1 Soil

Previous activities at the Facility included delineation of lead impacted soil and soil stabilization and removal. Activities conducted at the Facility since July 2006 as described in S&ME's Soil Remediation report dated April 2008 (S&ME 2008) are summarized below.

In July 2006, approximately 240 tons of lead impacted soil located in the area adjacent to the Old Formation Room were excavated and disposed at the Pine Bluff Landfill in Ball Ground, Georgia. Approximately 1800 tons of lead impacted soil was treated for lead stabilization, excavated, and transported off site for disposal prior to 2008. Additional field activities were conducted by URS and ECOR Solutions, Inc. (ECOR) between October 13 and November 11, 2008. 592 tons of soil (from beneath the former storage building foundation) were removed and disposed at Pine Bluff Landfill as a non-hazardous waste. In addition, 650 gallons of storm water from the sump area located north of and adjacent to the main manufacturing building were removed and disposed of as lead impacted wastewater by Farmer Oil, Inc. in Oxford. Also, approximately 836 tons of lead impacted soil was treated for stabilization using the Forrester Environmental Services, Inc's (FESI) patented treatment technology and/or phosphate fertilizer.

Based on results of confirmation samples collected during investigation/remediation activities, areas identified as having VOC and lead-impacted soil exceeding the Type 3 RRS were successfully treated/excavated and disposed off site. Based on analytical data, remaining soils at the Pattillo and Latex Properties are in compliance with the Type 2 RRS (Pattillo) and Type 3 RRS (Latex) of 103 mg/kg and 400 mg/kg for lead, respectively. On-site remedial activities regarding lead impacts have been completed at the C&D Facility including excavation, stabilization, and off-site disposal of lead-impacted soils. The paved portions of the C&D Facility in the general vicinity of the remediated areas have been cleaned to remove residual lead from the surface areas, thus reducing the potential for impact to the Pattillo and Latex Properties by stormwater discharge.

3.2 Groundwater

Based upon a groundwater remediation design prepared by RMT (2006), injection wells (INJ-1 and INJ-2) and observation wells (OBS-1, OBS-2, and OBS-3) were installed in early 2007 as part of bioremediation pilot testing. Chemicals were injected to elevate pH, promote lead precipitation, and support reductive dechlorination within the source area, and to support enhanced natural degradation processes within the downgradient plume. Results of the pilot testing indicated that while the bioremediation and/or enhanced natural degradation processes could be accelerated in the downgradient plume (INJ-2), subsurface distribution challenges in the source area required additional testing.

In 2007, monitoring wells were installed on the Robert Pattillo Property by Dobbs Environmental that indicated groundwater beneath the Pattillo Property may have been impacted by TCE and PCE (Quintrell 2008). Additional groundwater investigation sampling in October 2008 indicate PCE-, TCE-, and/or cis-DCE-impacted groundwater is present in the overburden and the shallow bedrock, but not present in the deep monitoring well (MW-14, 100 feet bgs) located within the plume. The results of

the October 2008 sampling were presented in the January 12, 2009 Groundwater Delineation Work Plan (URS, 2009a).

Groundwater delineation activities conducted in 2009 and 2010 included installing and sampling additional wells on the C&D property, and the Pattillo, Pittman Construction, Latex, and Frey-Moss Structures (FMS) Properties (**Figure 3-1**). Details of the 2009 plume delineation activities are included in an addendum to the Compliance Status Report – Groundwater Delineation, submitted to the Georgia Environmental Protection Division (GA EPD) in June 2009 (URS, 2009b). Results of the 2010 monitoring well installation and groundwater sample analytical results were reported in the Additional Groundwater Assessment report dated January 31, 2011 (URS, 2011a) included as **Appendix B**. These investigation activities focused primarily on the source area, currently defined as MW-5 and MW-5D.

A Phase I in-situ chemical reduction field-scale injection event on the source area was conducted in late January 2012. Five new observation wells were installed to assist in performance monitoring. The injected material, EHC®, contains a soluble carbon source and zero-valent iron (ZVI) and is designed to promote in situ chemical reduction of TCE, and to promote anaerobic biological degradation of the TCE. Approximately 8,200 pounds of EHC® was delivered to the source area subsurface via 14 direct push injection locations on the Pattillo property directly to the north, northeast and northwest of MW-5, where the TCE concentration from the October 2011 groundwater monitoring event was reported to be 15,300 micrograms per liter ($\mu\text{g}/\text{L}$). Performance monitoring events were conducted and the findings were presented in the Phase I In Situ Chemical Reduction (ISCR) Implementation and Evaluation Report, on June 28, 2013.

Although the ISCR influenced some portions of the treatment zone, full scale application of EHC® by direct injection in the source zone would not be effective due to geochemical complexities and difficult lithology. The reagent distribution difficulties presented in the irregular lithology of the source area, and the inability to significantly modify geochemical conditions in the nearby performance monitoring/observation wells, lend themselves unfavorably for expanding the treatment approach based on injecting EHC®. The difficulty of injecting via solid stem auger and/or direct push drilling suggests source-zone treatment similar to the ISCR injection is not a technically feasible approach.

URS submitted a Phase II Pilot Test Technical Memorandum on February 28, 2014. Georgia EPD concurred with the proposal included in the Phase II Pilot Test Technical Memorandum and URS along with Carus Remediation Technology (Carus) conducted a treatability study, using groundwater samples collected on October 27, 2014.

Carus Technologies performed a batch scale treatability study using the RemOx L ISCO sodium permanganate oxidant reagent. The initial study found that due to relatively high permanganate oxidant demand, the use of permanganate alone is not recommended. Treatability testing using another oxidant (Persulfate sustained release (SR) in situ chemical oxidation reagent) was subsequently conducted. URS, now a part of AECOM, presented the results of the second bench-scale test (Phase II (Persulfate) Bench Scale Treatability Study Report) on February 26, 2015.

The Facility status was further discussed in a project status review meeting held at GAEPD on June 29, 2015. During the meeting the steps required to move the project forward as part of the Georgia Voluntary Remediation Program (VRP) were discussed and it was agreed that the application should be submitted based on the subsurface conditions and potential technical impracticability of achieving the HSRA Type 1/3 RRS.

4.0 Preliminary Site Conceptual Model

A preliminary conceptual site model (CSM) has been developed for the Facility. The purpose of the conceptual site model is to:

- Integrate technical data from various sources;
- Support the selection of sample locations;
- Identify data needs; and,
- Evaluate risks to human health and the environment.

Development of the Preliminary CSM required consideration of the site setting, regulated substances, suspected source, etc. which are described more fully in the following subsections. Historical information for the subject property and surrounding properties is based on AECOM's review and analysis of the following historical documents:

- Soil Remediation Report Addendum, S&ME, April 2008
- Supplemental Data Report, RMT, May 2008
- Groundwater Delineation Work Plan, URS, December 2008
- Addendum to Compliance Status Report, On Site Soil Remediation, URS, December 2008
- Groundwater Additional Delineation Work Plan, URS, April 2009
- Addendum to Compliance Status Report, Groundwater Delineation, URS, July 2009
- Corrective Action Work Plan, URS, January 2010
- Site Status Update – Corrective Action Work Plan Implementation, URS, October 2010
- Additional Groundwater Assessment, URS, January 2011
- Phase I Field-Scale Pilot Test Technical Memorandum, URS, November 2011
- Corrective Action Work Plan Addendum, URS, Rev January 2012
- Phase I In Situ Chemical Reduction Pilot Test Implementation and Evaluation Report, URS, June 2013
- Phase II Pilot Test Technical Memorandum, URS, February 2014
- Phase II Additional (Persulfate) Bench-Scale Treatability Study, AECOM (URS), March 2015

4.1 Surface Setting

The surface setting is commercial/industrial. C&D manufactured lead-acid batteries at the Conyers Facility for over 35 years, ending operations in 2007. The Facility is located on 8.27 acres in an area zoned for commercial and industrial use (S&ME, 2008) and is currently a vacant lot except for the slab remaining from one building (main manufacturing building) surrounded by paved areas. The buildings and storage buildings have been removed. A site map of the Facility and nearby properties is presented on **Figure 1-1**.

4.2 Subsurface Setting

The site is located in the Piedmont physiographic province. The Facility is underlain by granite plutons and other metamorphic and igneous rocks that have been subject to geologic erosion and generally are deeply weathered. The weathering has resulted in a relatively thick layer of saprolite (unconsolidated, weathered rock) and soil beneath the ground surface. The area around the subject property is underlain by undifferentiated granitic gneiss. The depth to competent bedrock varies from less than one foot near the main former manufacturing building to greater than 90 feet to the north of the Facility.

Groundwater beneath the Facility is shallow, ranging from approximately 10 to 40 feet below ground surface (bgs) (**Table 4-1**), and predominantly flows to the north of the Facility (**Figure 4-1**). During the groundwater delineation activities, it has been determined that the shallow groundwater occurs in an unconfined aquifer made up of potentially interconnected water bearing zones: a shallow zone of soil and weathered rock, and a deeper zone of fractured bedrock (**Figure 4-2**). These fractures contribute to the complexities of groundwater flow in the area (**Figure 4-3**).

Historic Facility characterization activities identified many different types of deep bedrock (approximately 400 feet bgs) water-bearing fracture zones in the Conyers area. The highest yielding water-bearing fracture zones were identified almost exclusively along subhorizontal lithologic and/or thrust fault contacts below massive, poorly foliated granite gneiss (Williams and Burton, 2005; Williams and Cressler, 2007). It has been determined that the deep bedrock fracture system is not well connected to recharge sources. Recharge into the deep bedrock system probably occurs through vertical leakage along steep joints and fractures identified in the area (Khalouf and Prowell, 2003; Tucker and Williams, 2005) or along parallel partings developed in compositionally layered rocks located within outcrop areas (Williams, 2003).

A geophysical survey was conducted by Matrix Engineering Group, Inc. using the multi-channel analysis of surface waves method (MASW). At the Facility, MASW data were acquired across various ground surfaces including asphalt pavement, soil, grass, and gravel. The findings of the geophysical survey and fracture trace analysis were presented in the October 1, 2010 Site Status Update (URS 2010b) submitted to and approved by Georgia EPD in an email to C&D dated October 8, 2010.

The Matrix geophysical data supports the interpretations of the area geology that the subject property is underlain by undifferentiated granitic gneiss and the depth to competent bedrock varies from less than one foot near the main former manufacturing building to greater than 90 feet to the north of the Facility. The area of deep bedrock contours appear to suggest that weathering has occurred along the more permeable contacts which likely produced interconnected shallow water-bearing zones across the area; these zones consist of foliation-parallel partings, voids, and other openings ranging from fractions of an inch to several inches in aperture. Based on published deep zone aquifer testing done in the area, the lack of response observed during field studies of the shallow regolith well indicates that the shallow regolith and bedrock zones are hydraulically separated in the Conyers area.

4.3 Regulated Substances

Previous groundwater investigations conducted at the Facility confirm groundwater north of the former main manufacturing building area is impacted by low pH, lead, tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-DCE). The chlorinated VOC-impacted groundwater extends from north of the manufacturing building toward the north and northeast in the apparent direction of groundwater flow. These COCs were detected in groundwater at the Facility and are summarized on **Table 4-2**. Based on the analytical data, VOC concentrations detected in some of the groundwater samples collected from the C&D Facility, Pattillo and Latex Properties were above the Georgia HSRA Type 1/3 RRS of 5 µg/L. Lead concentrations exceeding the Type 1/3 RRS (0.015 mg/L) have been previously detected in many groundwater samples collected throughout the Facility. However, neither lead nor other RCRA metals previously detected at concentrations exceeding the GA HSRA Type 1/3 RRS were detected in any of the delineation monitoring wells installed in January 2009. Based on this information, metals concentrations exceeding the Type 1/3 RRS appear to be localized to groundwater north and northeast of the C&D Facility and do not appear to be migrating. Analytical data indicate the vertical and horizontal extent of the contaminant plume has essentially been delineated.

4.4 Known Source Areas

URS reported the results of the monitoring well installation and groundwater sample analytical results in the Additional Groundwater Assessment report dated January 31, 2011 (URS, 2011a). Analytical data from groundwater samples collected during the October 2010 groundwater assessment confirm TCE and PCE concentrations exceeding the Georgia HSRA Type 1/3 RRS extend north and northeast from the source area (MW-5) located on the C&D Facility onto portions of the Pattillo and Latex Properties (URS, 2011a). TCE and PCE were not detected in deep monitoring well MW-14 (completed at 100 ft bgs) located within the source area. TCE and PCE concentrations detected during June and February 2009 and the October 2010 groundwater assessment are presented on **Figures 4-4, 4-5, and 4-6**.

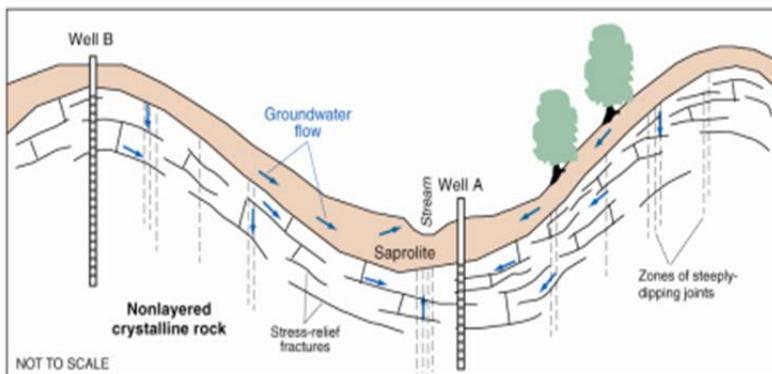
Analytical data indicate TCE and PCE concentrations decrease sharply as groundwater flows to the north away from the source area, as indicated by the TCE concentration isopleths shown on **Figure 4-6**.

4.5 Contaminant Migration Pathways

A preliminary evaluation of the contaminant migration pathways indicates the following potential pathways:

- horizontal and vertical migration through the soil to the groundwater; and
- horizontal and vertical migration within shallow bedrock groundwater, with transport driven by hydraulic properties of the local groundwater flow system as influenced by the structure and weathering of the rock features.
- vertical migration of vapor within soil and shallow bedrock groundwater toward the surface

The ability to deliver treatment materials, create an in situ treatment zone, and/or extract impacted groundwater for ex situ treatment has been evaluated for the Facility through hydrogeological testing. The results of hydrogeological data collected during previous pilot testing activities conducted by



(RMT, 2007) were also evaluated. The primary concern of the source area is related to the interconnectivity and/or communication of subsurface zones (e.g., overburden, saprolite, and shallow bedrock).

4.6 Soil and Groundwater Impacts

The extent of areas identified as having VOC and lead-impacted soil exceeding the Type 3 RRS were successfully treated/excavated and disposed off site. Based on analytical data, remaining soils at the Pattillo and Latex Properties are in compliance with the Type 2 RRS and Type 3 RRS for lead. On-site remedial activities regarding lead impacts have been completed at the C&D Facility including excavation, stabilization, and off-site disposal of lead-impacted soils.

The extent of groundwater impacts has been compiled for this report. The impacts to groundwater are summarized on **Table 4-2** and shown on **Figure 4-6** (October 2010 sample results) in plan view. The Corrective Action Work Plan Addendum including the laboratory analytical reports for the groundwater sampling is included in **Appendix B**. The fact that the bulk of the TCE plume appears to be located within 600 feet of the plant, after many years, is a clear indication that the TCE plume in groundwater has stabilized and that natural attenuation processes are actively taking place and remediation is occurring.

5.0 Environmental Covenant

An environmental covenant will be prepared and executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, et seq. The environmental covenant will be prepared and implemented prior to the submittal of the VRP CSR. The environmental covenant will subject the site to groundwater use activity and/or use limitations to protect human health and the environment. The covenant will be filed with the Rockdale County Recorders of Deeds and a stamped copy of the environmental covenant will be provided to EPD within thirty (30) days of recording.

6.0 VRP Compliance Status Report Preparation

The following activities will be completed at the site in order to prepare the VRP CSR for the Facility.

6.1 Potential Human Health and Ecological Receptor Evaluation

A preliminary evaluation of potential receptors will be performed that will include tentatively identified groundwater users, occupants of nearby structures due to potential vapor intrusion, and surface water bodies which may receive groundwater discharge. An updated water well survey will be performed to refine potential groundwater receptors. Similarly, surface water bodies in the vicinity of the site will be identified and assessed. Based on these surveys, potential human and ecological receptors will be identified to determine if any potentially complete pathways are present at or adjacent to the Facility. A description of potentially complete and incomplete exposure pathways will be presented in the VRP CSR.

6.2 Fate and Transport Pathways

Based on the results of the receptor survey, fate and transport modeling utilizing the Johnson and Ettinger Vapor Intrusion Model and the BioChlor groundwater model will be conducted. The results of any modeling, along with supporting backup, will be incorporated into the VRP CSR, as necessary.

6.3 Recalculation of Risk Based Clean-up Standards

The development of the Risk Reduction Standards (RRS) for the Facility will be completed based on the results of the exposure assessment and fate and transport modeling. The revised RRS will be presented in the VRP CSR, as necessary.

6.4 Milestone Schedule

A Gantt chart representing a milestone schedule will be prepared and included in each semi-annual status report submitted. The projected milestone schedule will include investigation and remediation activities of the site, and it will be updated in each semiannual status report.

7.0 References

- Georgia Environmental Protection Division (EPD), 2011a. Notice of Deficiency, Additional Groundwater Assessment, C&D Technologies, Conyers, Rockdale County, HSI #10734. March 25, 2011.
- Georgia EPD, 2011b. Approval of Report, Additional Groundwater Assessment C&D Technologies, Conyers, Rockdale County, HSI #10734. June 27, 2011.
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- RMT, Inc. 2006. Impacted Groundwater Remedy Design, C&D Technologies, Inc., Conyers, Georgia. September 2006.
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- URS 2009a. Groundwater Additional Delineation Work Plan, C&D Technologies – 1835 Rockdale Industrial Blvd., Conyers, Rockdale County, Georgia HIS #10734, January 2009.
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- URS 2010a. Corrective Action Work Plan, C&D Technologies – 1835 Rockdale Industrial Blvd., Conyers, Rockdale County, Georgia HIS #10734, January 2010.
- URS 2010b. Site Status Update – Corrective Action Work Plan Implementation, C&D Technologies – 1835 Rockdale Industrial Blvd., Conyers, Rockdale County, Georgia HIS #10734, October 1, 2010.
- URS 2011a. Additional Groundwater Assessment, C&D Technologies – 1835 Rockdale Industrial Blvd., Conyers, Rockdale County, Georgia HIS #10734, January 2011.
- URS 2011b. Response to Notice of Deficiency – Additional Groundwater Assessment, January 31, 2011. May 26, 2011.
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- Williams, L.J., and W.C. Burton, 2005. Common types of water-bearing features in bedrock, Rockdale County, Georgia, in Proceedings of the 2005 Georgia Water Resources Conference, held April 25–27, 2005, at The University of Georgia, K.J. Hatcher (ed.), Institute of Ecology, The University of Georgia, Athens, Georgia.
- Williams, L.J., and A.M. Cressler, 2007. Influence of low-angle lithologic contacts and thrust faults on ground-water flow in a crystalline-rock aquifer system, Rockdale County, Georgia, in Leeth, D.C., M.F. Peck, and J.A. Painter, 2007, Ground-water conditions and studies in Georgia, 2004–2005. U.S. Geological Survey Scientific Investigations Report.

Tables

Table 4-1
Groundwater Elevation Data
October 2008 Through October 2010
C&D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Monitor Well ID	TOC Elevation (ft msl)	October 13 & 14, 2008		February 23, 2009		June 16, 2009		October 18, 2010	
		Depth to Water (ft btoc)	Groundwater Elevation (ft msl)						
MW-38 SBR	923.207	NM	NM	NM	NM	NM	NM	14.36	908.85
MW-37 SBR	927.71	NM	NM	NM	NM	NM	NM	16.18	911.53
MW-36 SBR	922.89	NM	NM	NM	NM	NM	NM	18.25	904.64
MW-35 SBR	905.61	NM	NM	NM	NM	8.63	896.98	15.30	890.31
MW-34 SBR	904.56	NM	NM	NM	NM	25.62	878.94	29.05	875.51
MW-33 SBR	926.88	NM	NM	NM	NM	21.28	905.60	12.11	914.77
MW-32 SBR	931.63	NM	NM	NM	NM	10.88	920.75	14.79	916.84
MW-30 SBR	926.99	NM	NM	NM	NM	5.14	921.85	6.41	920.58
MW-29 SBR	928.49	NM	NM	NM	NM	6.05	922.44	7.31	921.18
MW-28 DBR	884.8	NM	NM	NM	NM	4.18	880.62	5.95	878.85
MW-28 SBR	887.52	NM	NM	NM	NM	6.57	880.95	7.75	879.77
MW-27 SBR	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-26 SBR	913.8	NM	NM	NM	NM	13.11	900.69	17.15	896.65
MW-25 SBR	924.88	NM	NM	NM	NM	18.17	906.71	23.68	901.20
MW-24 SBR	929.32	NM	NM	6.33	922.99	4.85	924.47	6.62	922.70
MW-11 SBR	927.74	NM	NM	16.35	911.39	13.90	913.84	18.55	909.19
MW-23 SBR	927	NM	NM	23.60	903.40	17.47	909.53	26.76	900.24
MW-22 SBR	910.14	NM	NM	17.61	892.53	9.97	900.17	17.32	892.82
MW-21 DBR	908.8	NM	NM	19.56	889.24	13.16	895.64	19.51	889.29
MW-7 SBR	915.14	NM	NM	25.02	890.12	17.51	897.63	24.51	890.63
MW-8 SBR	913.58	NM	NM	14.21	899.37	11.48	902.10	14.43	899.15
MW-9 SBR	921.5	NM	NM	10.15	911.35	11.61	909.89	13.69	907.81
C&D-01	933.27	Dry	Dry	7.91	925.36	6.31	926.96	9.15	924.12
C&D-02	931.17	NM	NM	NM	NM	NM	NM	6.05	925.12
C&D-03	933.39	10.81	922.58	8.72	924.67	6.83	926.56	10.12	923.27
MW-01	916.40	NM	NM	13.74	902.66	8.94	907.46	14.12	902.28
MW-02	932.15	16.00	916.15	13.72	918.43	10.50	921.65	15.73	916.42
MW-03	927.73	NM	NM	15.24	912.49	9.45	918.28	16.61	911.12
MW-04	932.08	10.75	921.33	9.11	922.97	NM	NM	9.78	922.30
MW-05	931.73	11.74	919.99	9.19	922.54	6.80	924.93	10.97	920.76
MW-5D	932.04	13.08	918.96	10.10	921.94	7.76	924.28	12.06	919.98
MW-06	931.50	15.08	916.42	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-07	914.91	Dry	Dry	Dry	Dry	17.41	897.50	19.86	895.05
MW-08	913.66	16.19	897.47	13.37	900.29	10.41	903.25	14.50	899.16
MW-09	920.94	NM	NM	13.35	907.59	11.21	909.73	13.25	907.69
MW-10	922.96	21.42	901.54	20.15	902.81	13.47	909.49	20.58	902.38
MW-11	927.54	NM	NM	19.23	908.31	13.80	913.74	18.66	908.88
MW-12	934.10	13.55	920.55	11.66	922.44	8.82	925.28	11.86	922.24
MW-13	884.74	NM	NM	9.81	874.93	NM	NM	11.47	873.27
MW-14	930.60	65.97	864.63	82.14	848.46	71.18	859.42	40.95	889.65
MW-15	914.37	18.82	895.55	15.14	899.23	11.92	902.45	16.49	897.88
MW-16	887.32	NM	NM	8.10	879.22	NM	NM	887.32	
MW-17	932.71	7.72	924.99	27.56	905.15	22.35	910.36	4.28	928.43
MW-18	932.43	10.19	922.24	8.41	924.02	6.48	925.95	9.61	922.82
MW-19	934.20	Dry	NM	Dry	Dry	8.66	925.54	8.75	925.45
MW-20	934.52	9.92	924.60	8.73	925.79	7.10	927.42	9.94	924.58
DMW-1D	922.66	21.07	901.59	19.93	902.73	12.74	909.92	20.14	902.52
DMW-2D	921.71	16.48	905.23	16.50	905.21	10.71	911.00	16.60	905.11
DMW-2S	921.73	16.17	905.56	16.36	905.37	10.43	911.30	16.76	904.97
DMW-3D	923.39	19.47	903.92	18.21	905.18	12.01	911.38	18.92	904.47
DMW-3S	923.3	19.34	903.96	18.09	905.21	11.89	911.41	18.79	904.51
DMW-4D	923.3	26.41	896.89	24.70	898.60	17.10	906.20	24.34	898.96
DMW-5D	915.25	18.86	896.39	34.80	880.45	24.67	890.58	12.40	902.85
INJ-01	932.9	10.86	922.04	8.89	924.01	NM	NM	10.11	922.79
INJ-02	913.7	16.08	897.62	13.21	900.49	NM	NM	14.33	899.37
OBS-01	932.9	10.95	921.95	9.01	923.89	NM	NM	10.33	922.57
OBS-02	932.9	10.72	922.18	8.78	924.12	NM	NM	10.18	922.72
OBS-03	913.7	16.65	897.05	13.35	900.35	NM	NM		913.70

Elevation survey has not been completed.

NM - Not Measured

ft msl - Feet Above Mean Sea Level

ft btoc - Feet Below Top of Casing

Table 4-2
Summary of Groundwater Analytical Results - October 2010
C & D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia

Chemical Constituent	Type 1/3 RRS	C&D-01	C&D-03	MW-1	MW-2	MW-3	MW-4	MW-5	MW-5D	MW-18	MW-19	MW-20	MW-21 DBR	MW-22 SBR	MW-23 SBR	MW-24 SBR	DMW-1D
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS
Barium	2	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS
Chromium	0.1	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS
Lead	0.015	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS
Mercury	0.002	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	75	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS
2-Butanone	2000	NS	50U	NS	50U	50U	NS	50U	50U	NS	50U	50U	NS	NS	NS	NS	NS
Acetone	4000	NS	50U	NS	991	50U	NS	954	5010	NS	50U	50U	NS	NS	NS	NS	NS
Carbon disulfide	4000	NS	1U	NS	1U	1U	NS	24.8	5.18	NS	1U	1U	NS	NS	NS	NS	NS
Chloroform	100	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS
cis-DCE	70	NS	1U	NS	1U	1.42	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS
p-Isopropyltoluene	1	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS
PCE	5	NS	1U	NS	1U	27.9	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS
trans-DCE	100	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS
TCE	5	NS	1U	NS	1090	20.7	NS	15300	699	NS	1U	1U	NS	NS	NS	NS	NS
Groundwater Quality (mg/L)																	
Alkalinity, Total*	-	NS	10U	NS	10U (A-01)	10U	NS	10.0U	10U	NS	10U	27.8	NS	NS	NS	NS	NS
Nitrate as N	-	NS	5.45 (H2)	NS	0.202	2.45 (HT3)	NS	0.336	50U (H2)	NS	8.2 (H2)	0.100U	NS	NS	NS	NS	NS
Sulfate	-	NS	6980	NS	2400 (H2)	530	NS	1750	18500	NS	212	7.28	NS	NS	NS	NS	NS
TOC	-	NS	6.62	NS	8.63	1U	NS	53	125	NS	1.35	1.0U	NS	NS	NS	NS	NS
Iron (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	0.0500U (P7)	0.0500U (P7)	NS	NS	NS	NS	NS
Manganese (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	0.983 (P7)	0.594 (P7)	NS	NS	NS	NS	NS
Lead (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS
Chemical Constituent	Type 1/3 RRS	MW-6	MW-7	MW-7 SBR	MW-8	MW-8 SBR	MW-9	MW-9 SBR	MW-10	DMW-2D	DMW-2S	DMW-3D	DMW-3S	DMW-4D	DMW-5D	INJ-1	INJ-2
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS
Barium	2	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS
Cadmium	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS
Chromium	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS
Lead	0.015	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS
Mercury	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS
2-Butanone	2000	NS	NS	NS	NS	NS	NS	NS	NS	50U	50U	50U	50U	NS	NS	NS	NS
Acetone	4000	NS	NS	NS	NS	NS	NS	NS	NS	50U	50U	50U	50U	NS	NS	NS	NS
Carbon disulfide	4000	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS
Chloroform	100	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS
cis-DCE	70	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	3.59	1U	NS	NS	NS
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS
PCE	5	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	17.2	1U	NS	NS	NS
trans-DCE	100	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS
TCE	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	93.4	1U	36.7	1.02	NS	NS	NS
Groundwater Quality (mg/L)																	
Alkalinity, Total*	-	NS	NS	NS	NS	NS	NS	NS	NS	10U (A-01)	10U (A-01)	10U (A-01)	10U	NS	NS	NS	NS
Nitrate as N	-	NS	NS	NS	NS	NS	NS	NS	NS	0.738	1.07	2.14	0.967 (HT3)	NS	NS	NS	NS
Sulfate	-	NS	NS	NS	NS	NS	NS	NS	NS	147 (H2)	98.1 (H2)	410 (H2)	81 (H2)	NS	NS	NS	NS
TOC	-	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS
Iron (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	0.0500U	0.0500U	0.0500U	0.0500U	NS	NS	NS	NS
Manganese (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	3.67	0.620	2.37	0.667	NS	NS	NS	NS
Lead (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS

Table 4-2
Summary of Groundwater Analytical Results - October 2010
C D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia

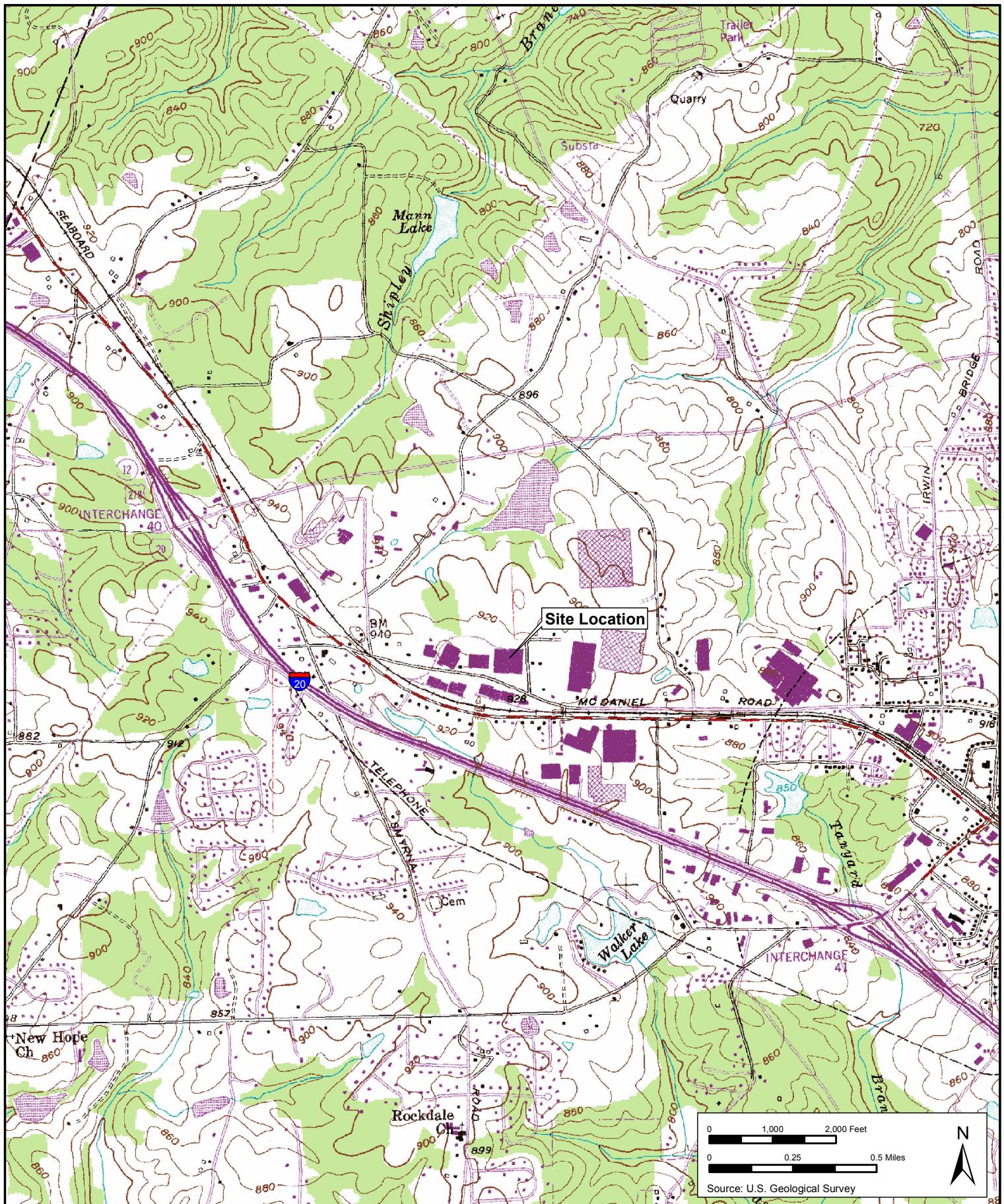
Chemical Constituent	Type 3 RRS	MW-11	MW-11 SBR	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	OBS-1	OBS-2	OBS-3	MW-25 SBR	MW-26 SBR	MW-27 SBR	MW-28 SBR	MW-28 DBR
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Barium	2	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Cadmium	0.005	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Chromium	0.1	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Lead	0.015	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Mercury	0.002	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
1,4-Dichlorobenzene	75	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
2-Butanone	2000	NS	NS	NS	NS	50U	NS	NS	NS	NS	NS						
Acetone	4000	NS	NS	NS	NS	50U	NS	NS	NS	NS	NS						
Carbon disulfide	4000	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
Chloroform	100	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
cis-DCE	70	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
p-Isopropyltoluene	1	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
PCE	5	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
trans-DCE	100	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
TCE	5	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
Groundwater Quality (mg/L)																	
Alkalinity, Total*	-	NS	NS	NS	NS	76	NS	NS	NS	NS	NS						
Nitrate as N	-	NS	NS	NS	NS	0.143	NS	NS	NS	NS	NS						
Sulfate	-	NS	NS	NS	NS	15.9	NS	NS	NS	NS	NS						
TOC	-	NS	NS	NS	NS	1.87	NS	NS	NS	NS	NS						
Iron (Dissolved)	-	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Manganese (Dissolved)	-	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Lead (Dissolved)	-	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						

Chemical Constituent	Type 3 RRS	MW-29 SBR	MW-30 SBR	MW-32 SBR	MW-33 SBR	MW-34 SBR	MW-35 SBR	MW-36 SBR	MW-37 SBR	MW-38 SBR
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NS	NS	NA	NA	NA
Barium	2	NS	NS	NS	NS	NS	NA	NA	NA	NA
Cadmium	0.005	NS	NS	NS	NS	NS	NS	NA	NA	NA
Chromium	0.1	NS	NS	NS	NS	NS	NS	NA	NA	NA
Lead	0.015	NS	NS	NS	NS	NS	NS	0.500U	0.500U (M4)	0.500U
Mercury	0.002	NS	NS	NS	NS	NS	NS	NA	NA	NA
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	1U	1U	1U	1U
2-Butanone	2000	NS	NS	NS	NS	NS	50U	50U	50U	50U
Acetone	4000	NS	NS	NS	NS	NS	50U	50U	50U	50U
Carbon disulfide	4000	NS	NS	NS	NS	NS	1U	1U	1U	1U
Chloroform	100	NS	NS	NS	NS	NS	1.96	7.9	1U	1U
cis-DCE	70	NS	NS	NS	NS	NS	1U	1U	1U	1U
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	1U	1U	1U	1U
PCE	5	NS	NS	NS	NS	NS	2.89	2.59	1.16	
trans-DCE	100	NS	NS	NS	NS	NS	1U	1U	1U	1U
TCE	5	NS	NS	NS	NS	NS	217	460	486	
Groundwater Quality (mg/L)										
Alkalinity, Total*	-	NS	NS	NS	NS	NS	10U (A-01)	10U (A-01)	10U	
Nitrate as N	-	NS	NS	NS	NS	NS	0.958	0.725	1.35	
Sulfate	-	NS	NS	NS	NS	NS	2640 (H2)	4780 (H2)	5480 (H2)	
TOC	-	NS	NS	NS	NS	NS	1.72	2.48	2.92	
Iron (Dissolved)	-	NS	NS	NS	NS	NS	4.6	43.6 (HMA)	82.4	
Manganese (Dissolved)	-	NS	NS	NS	NS	NS	8.03	50.6 (HMA)	94.2	
Lead (Dissolved)	-	NS	NS	NS	NS	NS	0.377	0.158	0.500U	

Abbreviations:

cis-DCE - cis-1,2-Dichloroethene
 trans-DCE - trans-1,2-Dichloroethene
 PCE - Tetrachloroethene
 TCE - Trichloroethene
 NA - Not Analyzed
 NS - Not Sampled
 Notes:
 Type 1/3 RRS are in accordance with GA HSRA Criteria for Type 3 Standards (GA HSRA Rule 391-3-19-07).
 Bold indicates concentrations above detection limit.
 Shading indicates concentrations exceeding the Type 3 RRSs
 U indicates below detection limit

Figures



C & D TECHNOLOGIES, INC.
1835 Industrial Blvd.
Conyers, Georgia

AECOM

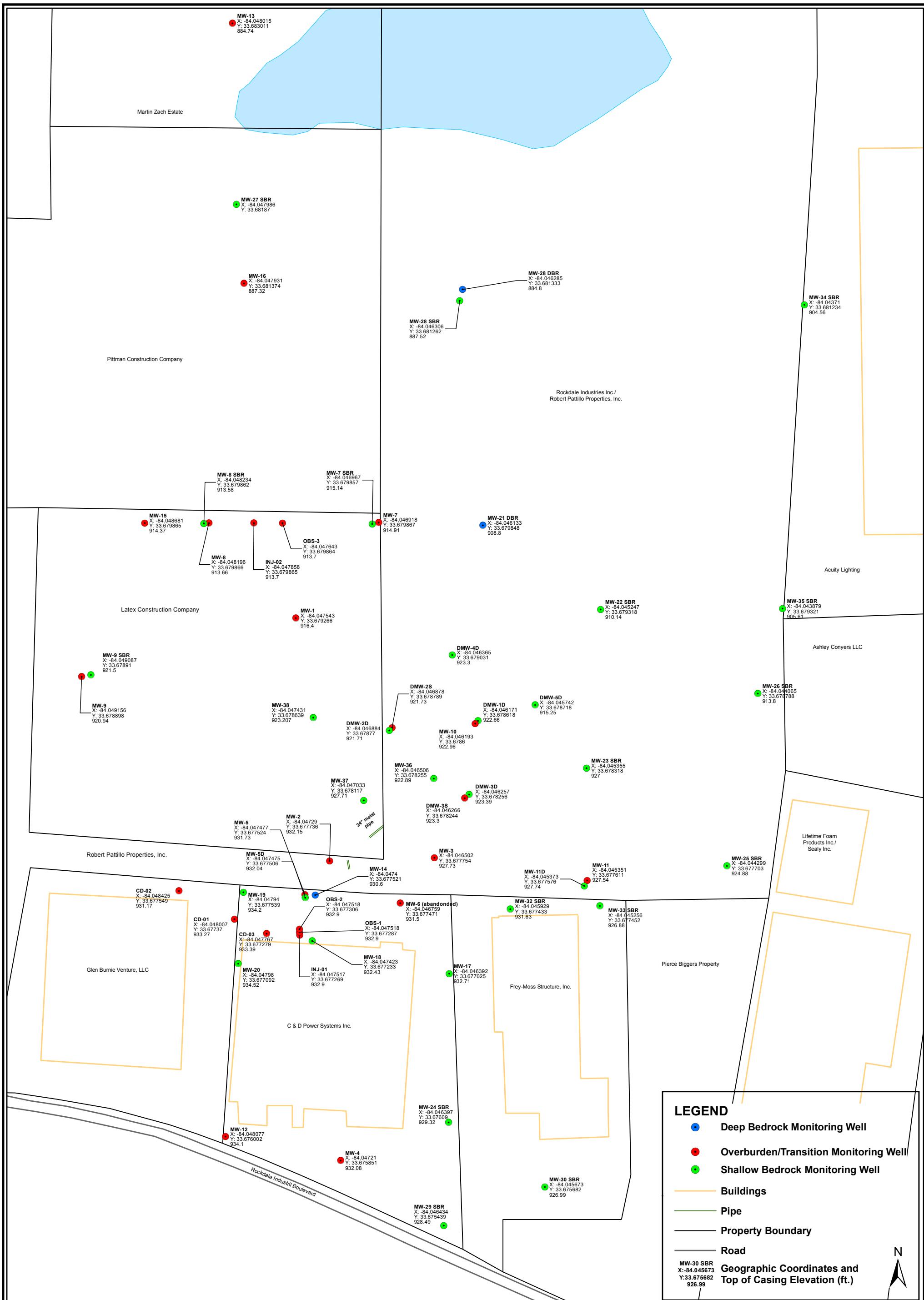
SCALE: 1:24,000	DRAWN BY: RL	DATE: 09/25/15
CHECKED BY: JW	DATE: 09/25/15	

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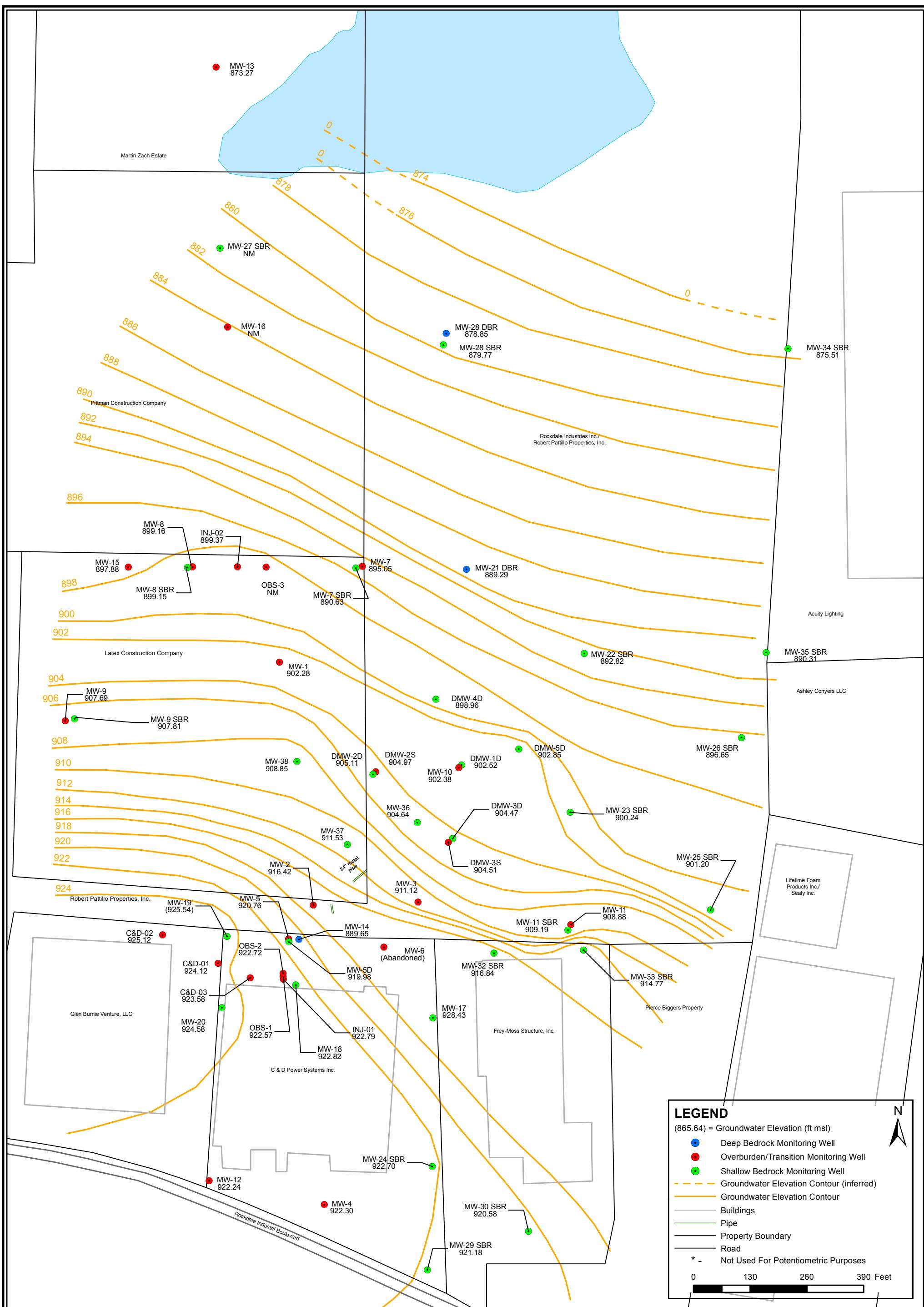
SITE LOCATION MAP

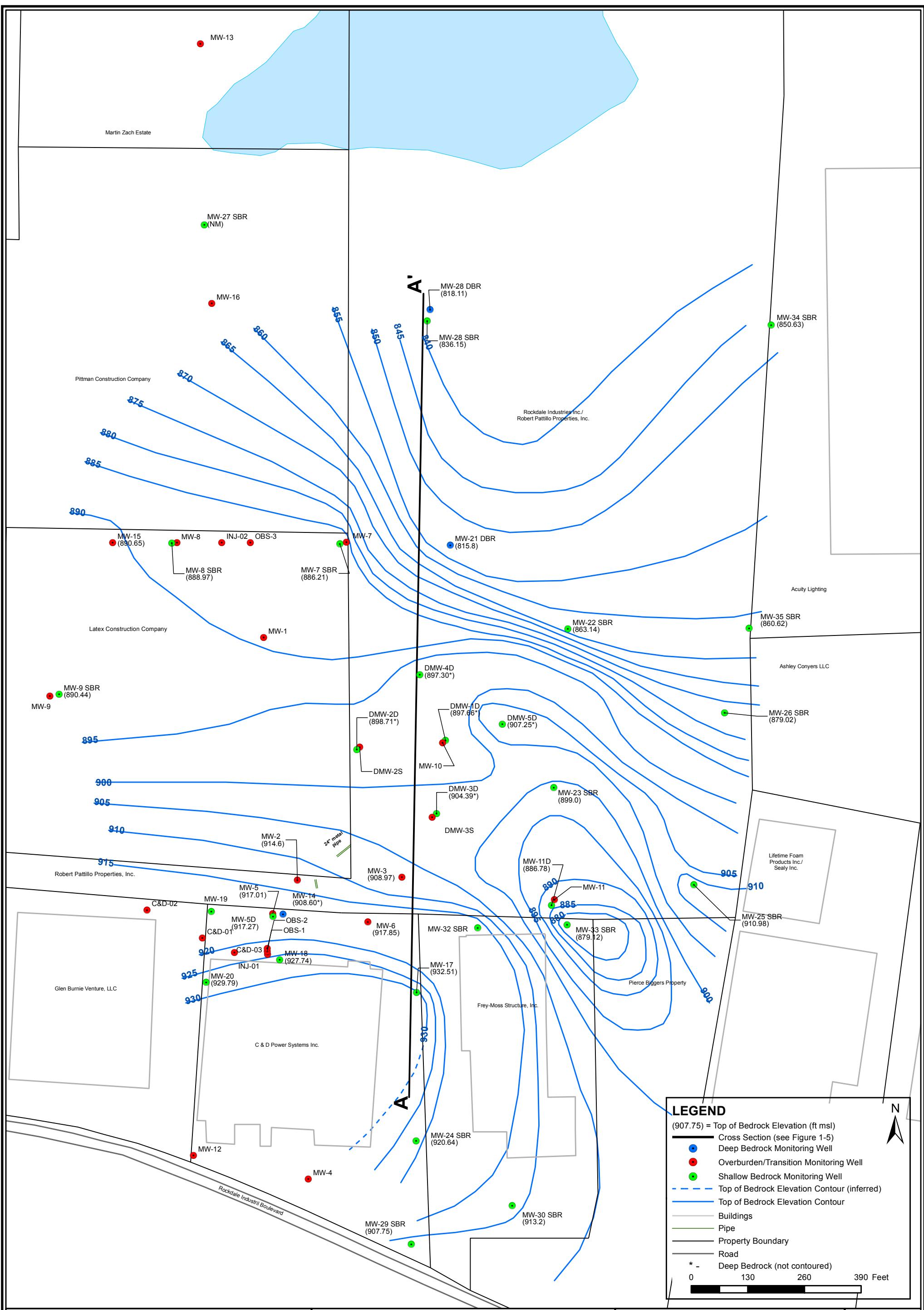
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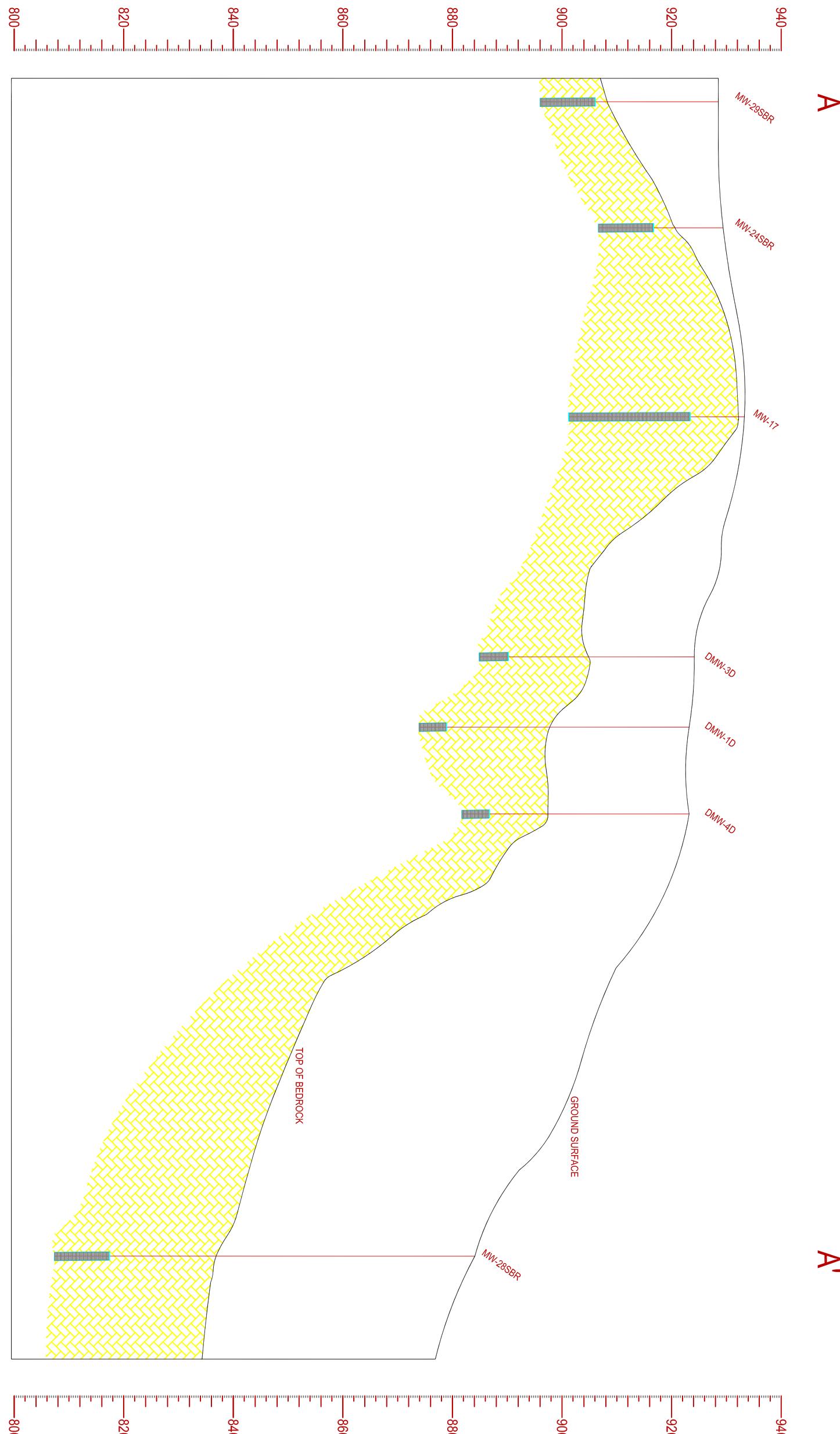
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1-1



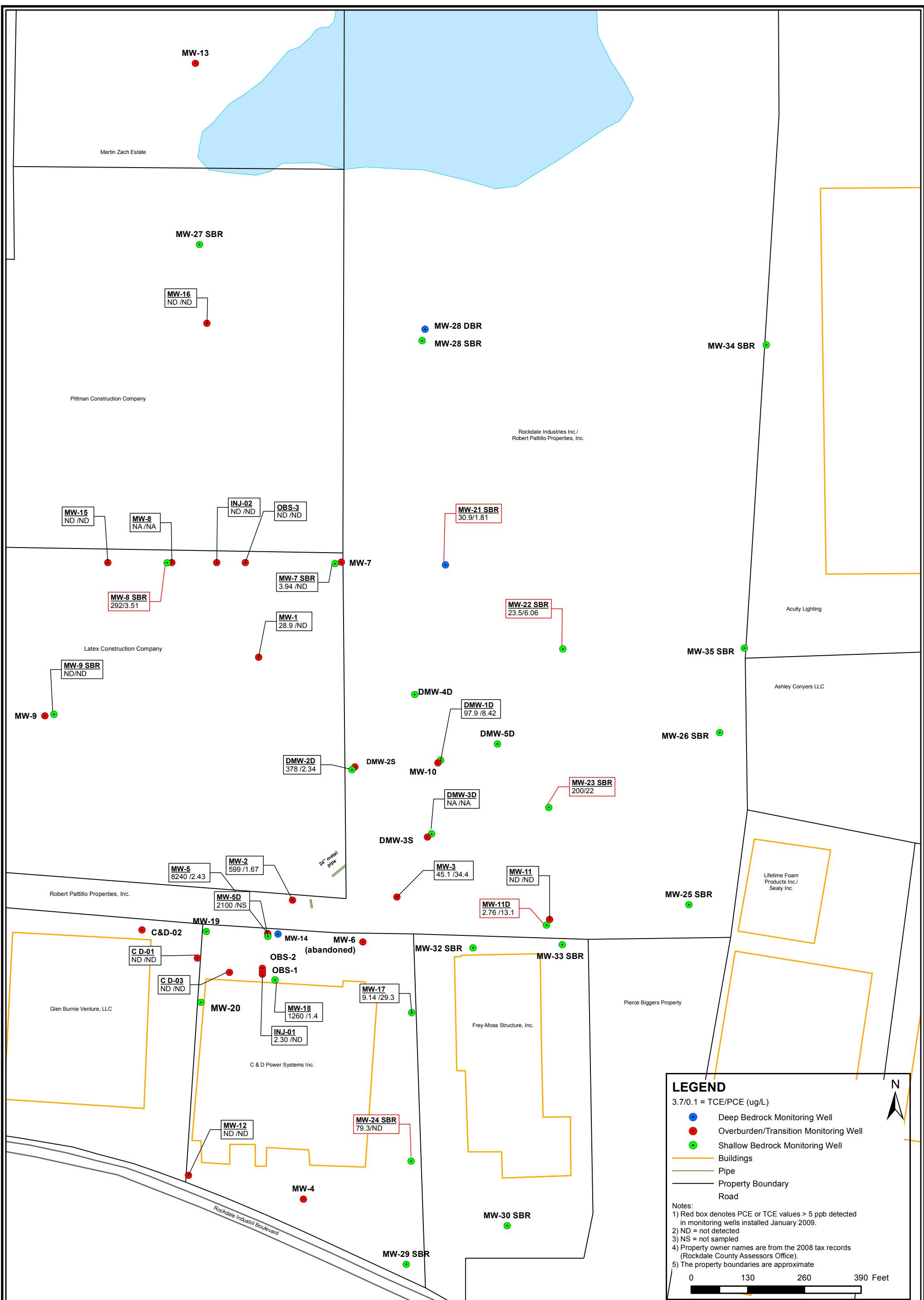
SITE MAP
GROUNDWATER
WELL LOCATIONS

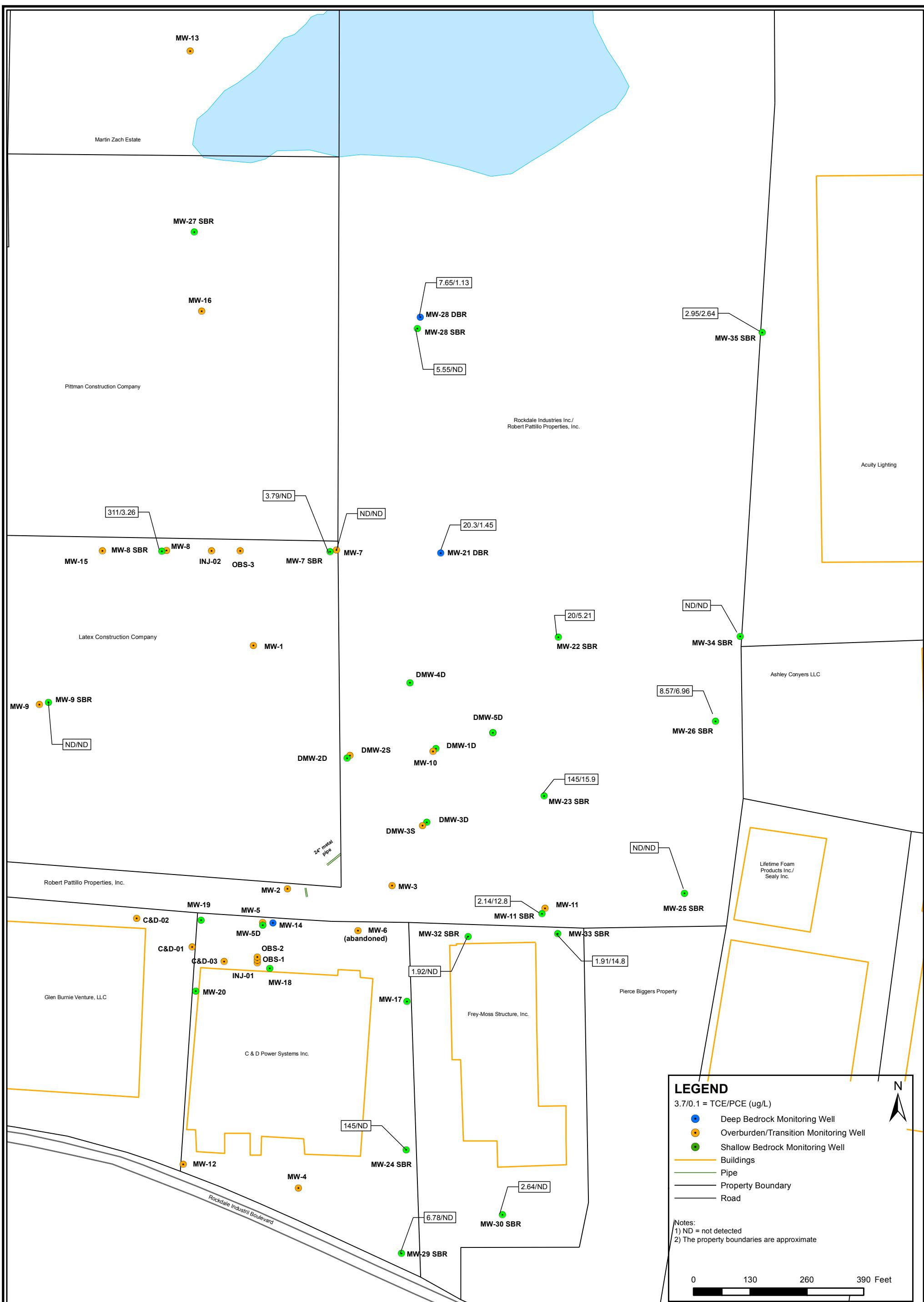


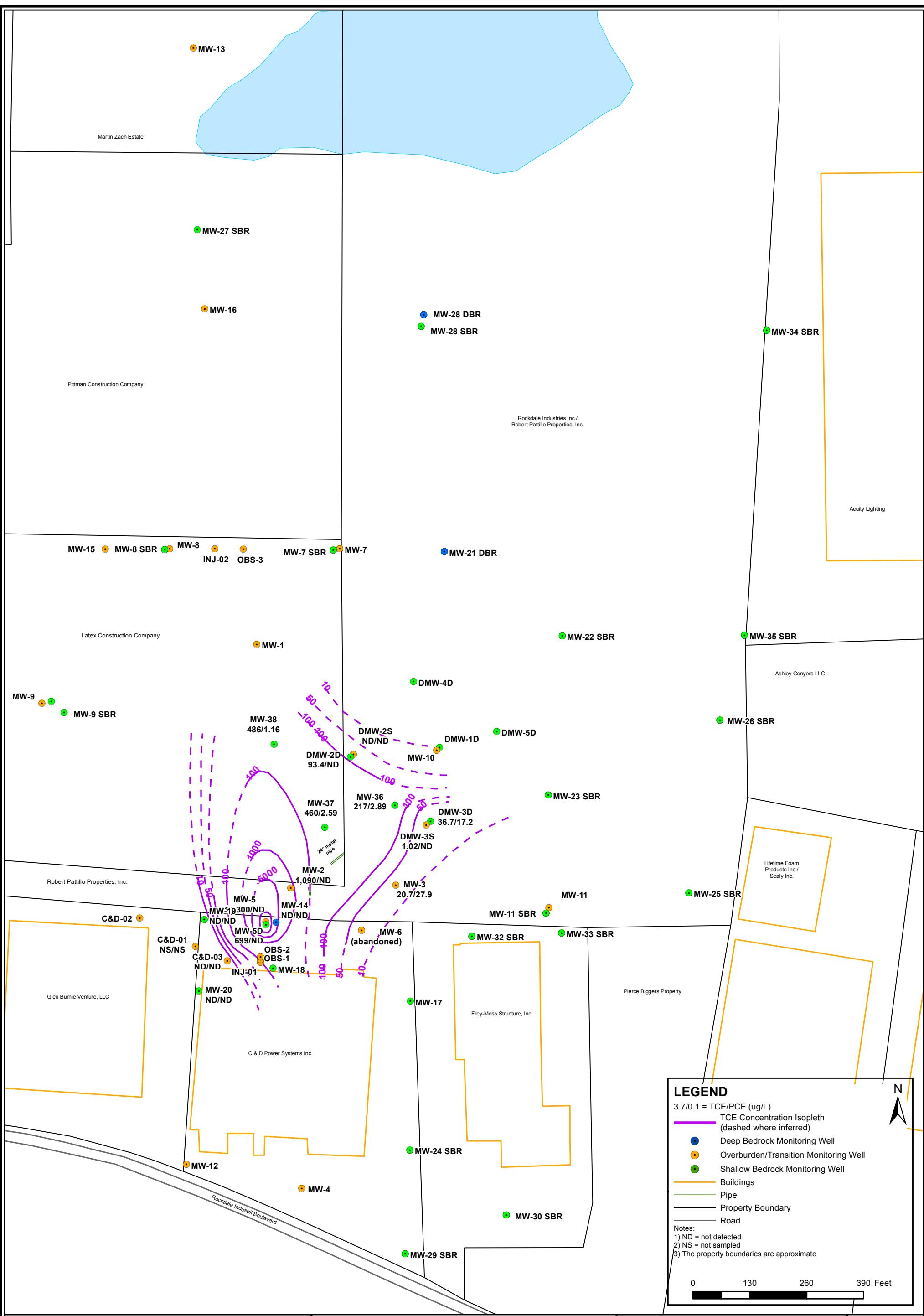




APPARENT SHALLOW BEDROCK (CROSS SECTION)	
C & D TECHNOLOGIES	Project No. 20500085 .00004
1835 INDUSTRIAL BLVD.	Figure No.
CONYERS, GEORGIA	Date: 07/21/09
URS Franklin, Tennessee JAE	Drawn By: DC Checked By: DC Scale: AS SHOWN
	4 - 3







Appendix A

Warranty Deed and Tax Plat

STATE OF GEORGIA
COUNTY OF ROCKDALE

BOOK 305 PAGE 659

LIMITED WARRANTY DEED

THIS INDENTURE is made and delivered effective as of the 27th day of January, 1986, by and between Allied Corporation, a corporation of the State of New York, successor in interest to Rockdale Buildings, Inc., a Delaware corporation, as set forth in the Recital attached hereto and made a part hereof as Exhibit A, hereinafter called Grantor, and C&D Power Systems, Inc., a corporation of the State of Delaware, hereinafter called Grantee (the words Grantee and Grantor to include their respective successors and assigns where the context requires or permits).

WITNESSETH:

That Grantor, for and in consideration of the sum of Ten (\$10.00) Dollars and other valuable considerations, in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee the following described property, to-wit:

ALL that tract or parcel of land lying and being in Land Lot 244 of the 16th District of Rockdale County, Georgia, and being more particularly described as follows:

BEGINNING at an iron pin located on the northeasterly side of the 60-foot right-of-way of Rockdale Industrial Boulevard, 1,965.0 feet southeasterly, as measured along the northeasterly side of the right-of-way of Rockdale Industrial Boulevard, from the point of intersection of the northeasterly side of the right-of-way of Rockdale Industrial Boulevard with the center-line of Farmer Road; thence north 03 degrees 32 minutes 13 seconds east 593.30 feet to an iron pin found; thence south 86 degrees 34 minutes 04 seconds east 307.8 feet to an iron pin; thence south 89 degrees 27 minutes 47 seconds east 176.20 feet to an iron pin found; thence south 02 degrees 14 minutes 47 seconds east 812.69 feet to an iron pin found on the northeasterly side of the right-of-way of Rockdale Industrial Boulevard; thence northwesterly along the northeasterly side of the right-of-way of Rockdale Industrial Boulevard the following consecutive courses and distances: north 65 degrees 31 minutes west 310.29 feet to a point; north 66 degrees 23 minutes 17 seconds west 96.20 feet to a point; north 67 degrees 15 minutes 17 seconds west 96.90 feet to a point; and north 68 degrees 57 minutes 06 seconds west 98.48 feet to the iron pin located at the POINT OF BEGINNING; being a tract of land containing 8.27 acres with improvements located thereon as shown on plat of survey for C & D Power Systems, Inc. dated October 7, 1985 and revised December 3, 1985 and January 21, 1986, prepared by Robert M. Buhler, Registered Land Surveyor No. 1403, which is incorporated herein by reference and made a part hereof for a more particular and complete description.

FILED IN OFFICE
CLERK OF SUPERIOR COURT
ROCKDALE COUNTY, GA.

1986 FEB -6 PM 4:34

/4483

Rockdale County, Georgia
Real Estate Transfer Tax

Paid \$ 1875.00

Date 2-6-86

Fay B. Harrold
Clerk of Superior Court
Rep.

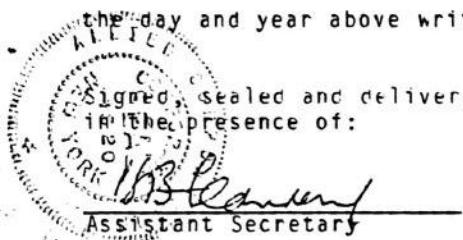
-2-

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

And the said Grantor will warrant and forever defend the right and title to the above-described properties unto the said Grantee against the claims of all persons claiming by, through or under Grantor, its successors and assigns, except as to all easements to power and telephone lines and transmission lines of all types both below and above the ground.

IN WITNESS WHEREOF, Grantor has signed and sealed this deed,

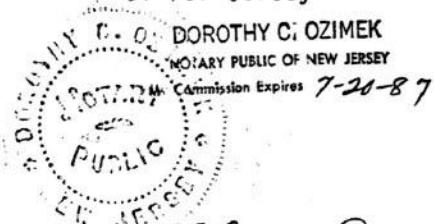
the day and year above written.



Signed, sealed and delivered ALLIED CORPORATION

BY: Nicholas A. Cameron c/f.
Nicholas A. Cameron
Vice President -
Planning and Development

Dorothy C. Ozimek
Notary Public of the State
of New Jersey



Clinton Hare
Unofficial Witness

Rockdale County Board of Tax Assessors

[Recent Sales in Neighborhood](#)[Recent Sales in Area](#)[Previous Parcel](#)[Next Parcel](#)[Field Definitions](#)[Return to Main Search Page](#)[Rockdale Home](#)**Owner and Parcel Information**

Owner Name	C & D POWER SYSTEMS INC	Today's Date	September 18, 2015
Mailing Address	ATTN TAX DEPT 1400 UNION MEETING RD BLUE BELL, PA 19422	Parcel Number	0220010023
Location Address	1835 NW ROCKDALE INDUSTRIAL BLVD & LL 245 N/SIDE IND BLVD	Tax District	County (District 01)
Legal Description	I4-Industrial	2014 Millage Rate	46.04
Property Class(NOTE: Not Zoning Info)	M1	Acres	8.27
Zoning	244/16	Neighborhood	LIGHT MFG
Landlot/District	Public	Homestead Exemption	No (SO)
Water	Electricity	Parcel Map	Show Parcel Map
Electric	Rolling	Sewer	Septic Tank
Topography	County	Gas	Gas
Road Class		Drainage	Good
		Parcel Road Access	Paved

2015 Preliminary Value Information

Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$ 264,600	\$ 0	\$ 500	\$ 265,100	\$ 265,100

Land Information

Calculation Method	Acres	Photo
Acres	8.27	Show Photo8

Improvement Information**No improvement information associated with this parcel.****Accessory Information**

Description	Year Built	Dimensions/Units	Value
Asphalt paving	1965	0x0 1000	\$ 500

Sale Information

Sale Date	Deed Book / Page	Plat Book / Page	Sale Price	Reason	Grantor	Grantee
01/27/1986	0305 0659		\$ 0	01-Bona Fide Sale		C & D POWER SYSTEMS INC
01/01/1965	0055 0139		\$ 0	01-Bona Fide Sale		ROCKDALE BUILDINGS INC

Permit Information

Permit Date	Permit Number	Type	Description
06-06-2008	08-00288	DEMOLITION	
06-11-2004	04-00497	COMMERCIAL	

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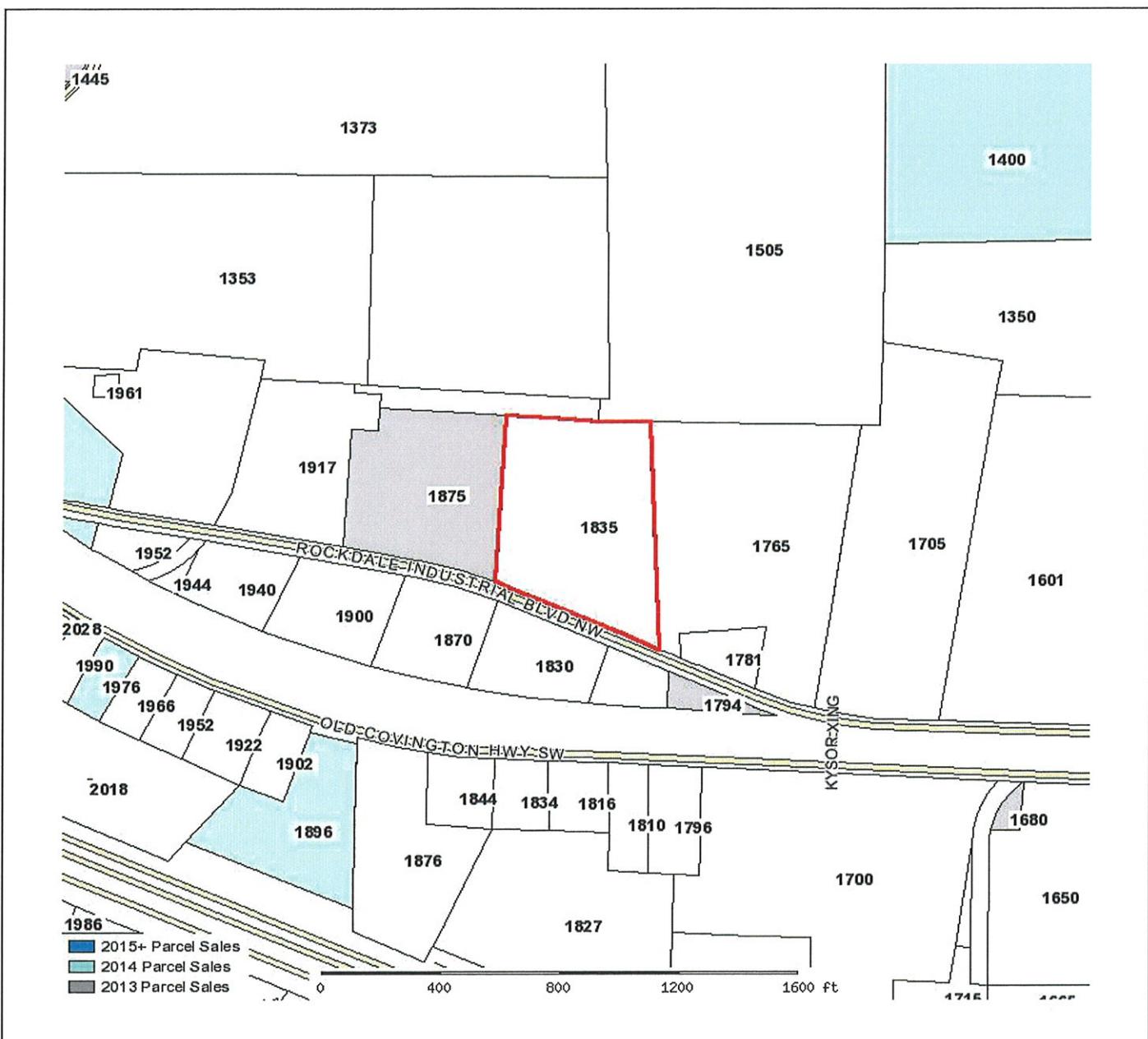
Permit Information

Permit Date 08-04-2011 12-13-2009	Permit Number 11-00301 09-0005318	Type COMMERCIAL INTERIOR FIRE DAMAGE	Description
---	---	--	-------------

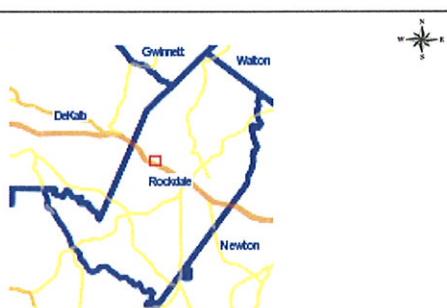
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Rockdale County Assessor			
Parcel: 0220010023 Acres: 8.27			
Name:	C & D POWER SYSTEMS INC	Land Value	\$264,600.00
Site:	1835 NW ROCKDALE INDUSTRIAL BLVD	Building Value	\$0.00
Sale:	\$0 on 01-1986 Reason=01 Qual=Q	Misc Value	\$500.00
Mail:	ATTN TAX DEPT 1400 UNION MEETING RD BLUE BELL, PA 19422	Total Value:	\$265,100.00



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Date printed: 09/18/15 : 12:17:47



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Owner and Parcel Information

Owner Name	ROCKDALE INDUSTRIES INC	Today's Date	May 7, 2014
Mailing Address	C/O ROBERT PATTILLO IND INC 2200 CENTURY PARKWAY SUITE 100 ATLANTA, GA 30345	Parcel Number	0220010024
Location Address	1505 NW SIGMAN RD	Tax District	County (District 01)
Legal Description	LL245 LD16 N/SIDE IND BLVD OFF	2013 Millage Rate	47.16
Property Class (NOTE: Not Zoning Info)	I5-Industrial	Acres	64.05
Zoning	R1/M1	Neighborhood	COMMERCIAL VAC LAND
Landlot/District	245/16	Homestead Exemption	No (SO)
Water	Well	Parcel Map	Show Parcel Map
Electric		Sewer	Septic Tank
Topography	Rolling	Gas	No Gas
Road Class	County	Drainage	Good
		Parcel Road Access	Paved

2014 Preliminary Value Information

Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$ 559,700	\$ 0	\$ 0	\$ 559,700	\$ 559,700

Land Information

Type	Description	Calculation Method	Acres	Photo
RES	T3074- AC	Acres	22.41	NA
RES	T3061- AC	Acres	41.64	NA

Improvement Information

No improvement information associated with this parcel.

Accessory Information

Description	Year Built	Dimensions/Units	Value
No accessory information associated with this parcel.			

Sale Information

Sale Date	Deed Book	Plat Page	Price	Reason	Grantor	Grantee
01-01-1964	0053 0402		\$ 0	01-Bona Fide Sale		ROCKDALE INDUSTRIES INC

Permit Information

Permit Date	Permit Number	Type	Description
No permit information associated with this parcel.			

[Recent Sales in Neighborhood](#) [Recent Sales in Area](#) [Previous Parcel](#) [Next Parcel](#) [Field Definitions](#) [Return to Main Search Page](#) [Rockdale Home](#)

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Screenshot of the Rockdale County Parcel Maps application interface.

Controls (Left Panel):

- Available Layers:
 - Parcels (checked)
 - Parcel Numbers
 - Address # (checked)
 - Yearly Sales (checked)
 - Roads (checked)
 - Soil Analysis
 - Soil Types
 - Land Coverage
 - Flood Map
 - Lakes & Rivers
 - Aerial Photos

Map Area:

- Shows a map of Rockdale County with roads and a red square marker indicating the parcel location.
- Scale bar: 100 m / 500 ft.
- Red outline highlights a specific parcel area.

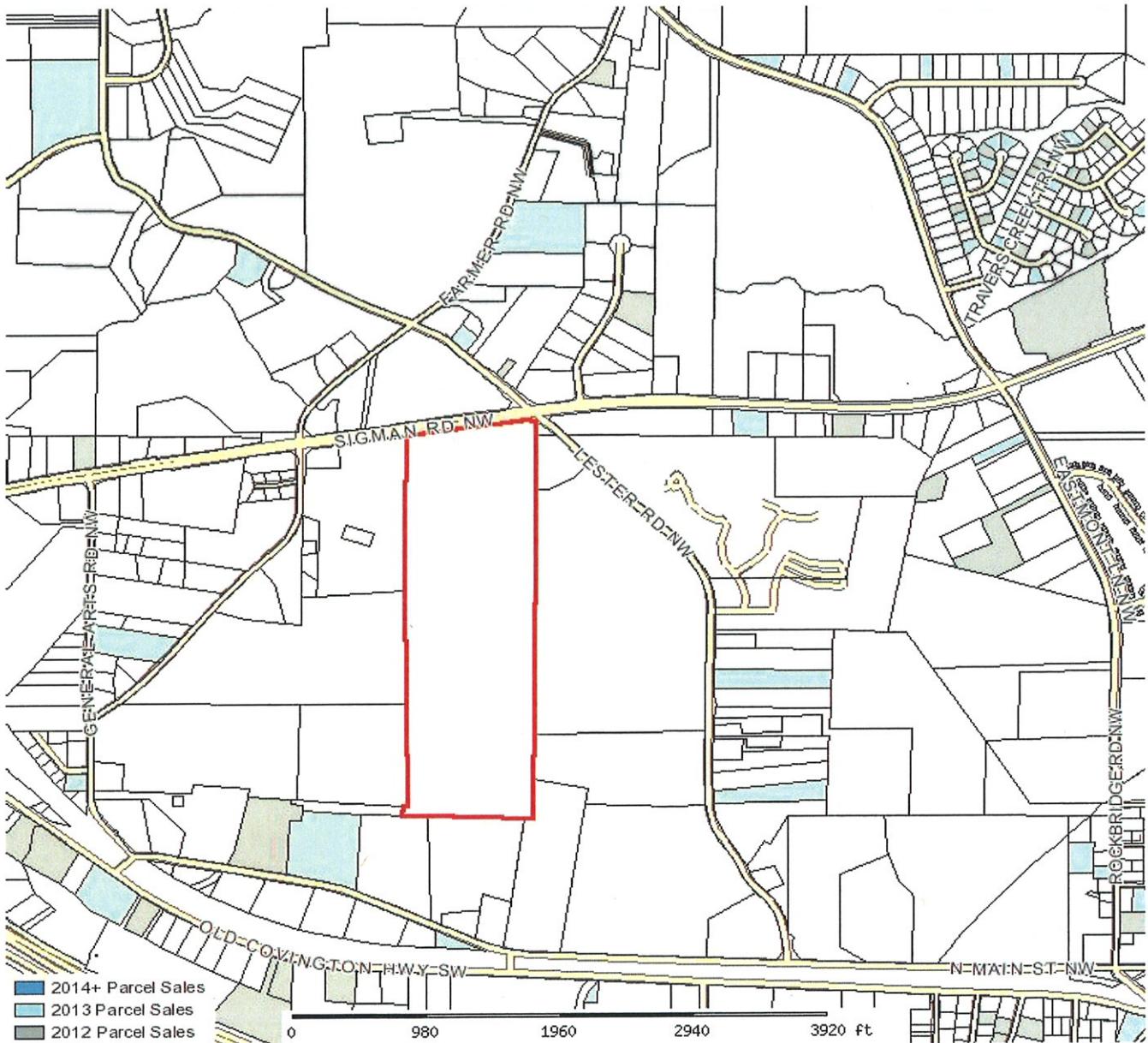
Reports (Right Panel):

- Parcel
- View as: Google Street View
- PARCEL INFO
- Selected Parcel
- Parcel Zoning
- Taxing District
- Acres
- OWNERSHIP INFO
- Name
- Mailing Address
- Situs/Physical A VALUES
- Land Value
- Improvement V/ Accessory Value
- Total Value
- LAST 2 SALES
 - Date: 01-1964
- Website last upc
GIS Maps last up
[Soil Analysis Ref](#)

Bottom Panel:

- Parcel List
- Legend
- Measure

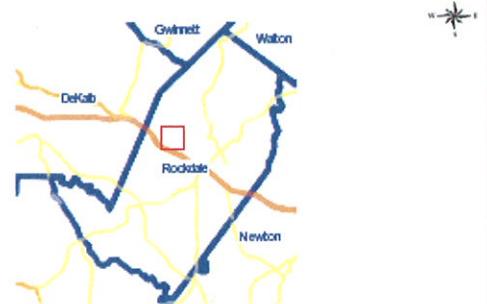
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Rockdale County Assessor

Parcel: 0220010024 Acres: 64.05

Name:	ROCKDALE INDUSTRIES INC	Land Value	\$559,700.00
Site:	1505 NW SIGMAN RD	Building Value	\$0.00
Sale:	\$0 on 01-1964 Reason=01 Qual=Q	Misc Value	\$0.00
Mail:	C/O ROBERT PATTILLO IND INC 2200 CENTURY PARKWAY SUITE 100 ATLANTA, GA 30345	Total Value:	\$559,700.00



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Rockdale County
Board of Tax Assessors

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[Recent Sales in Area](#)

[Previous Parcel](#)[Next Parcel](#)[Field Definitions](#)[Return to Main Search Page](#)[Rockdale Home](#)**Owner and Parcel Information**

Owner Name	ROBERT PATTILLO PROPERTIES INC	Today's Date	May 7, 2014
Mailing Address	2200 CENTURY PARKWAY SUITE 100 ATLANTA, GA 30345	Parcel Number	0220010022
Location Address	NW ROCKDALE INDUSTRIAL BLVD	Tax District	County (District 01)
Legal Description	LL237 INDUSTRIAL BLVD	2013 Millage Rate	47.16
Property Class (NOTE: Not Zoning Info)	I4-Industrial	Acres	1.49
Zoning	M1	Neighborhood	COMMERCIAL VAC LAND
Landlot/District	236/16	Homestead Exemption	No (SO)
Water	Public	Parcel Map	Show Parcel Map
Electric		Sewer	Septic Tank
Topography	Rolling	Gas	Gas
Road Class	County	Drainage	Good
		Parcel Road Access	Paved

2014 Preliminary Value Information

Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$ 28,600	\$ 0	\$ 0	\$ 28,600	\$ 28,600

Land Information

Type	Description	Calculation Method	Acres	Photo
RES	T3074- AC	Acres	1.49	NA

Improvement Information

No improvement information associated with this parcel.

Accessory Information

Description	Year Built	Dimensions/Units	Value
No accessory information associated with this parcel.			

Sale Information

Sale Date	Deed Book	Plat Page	Price	Reason	Grantor	Grantee
07-06-1998	1565 0175		\$ 0			ROBERT PATTILLO PROPERTIES INC
00-00-0000			\$ 0	00		ROCKDALE INDUSTRIES INC
00-00-0000			\$ 0	00		ROCKDALE INDUSTRIES INC

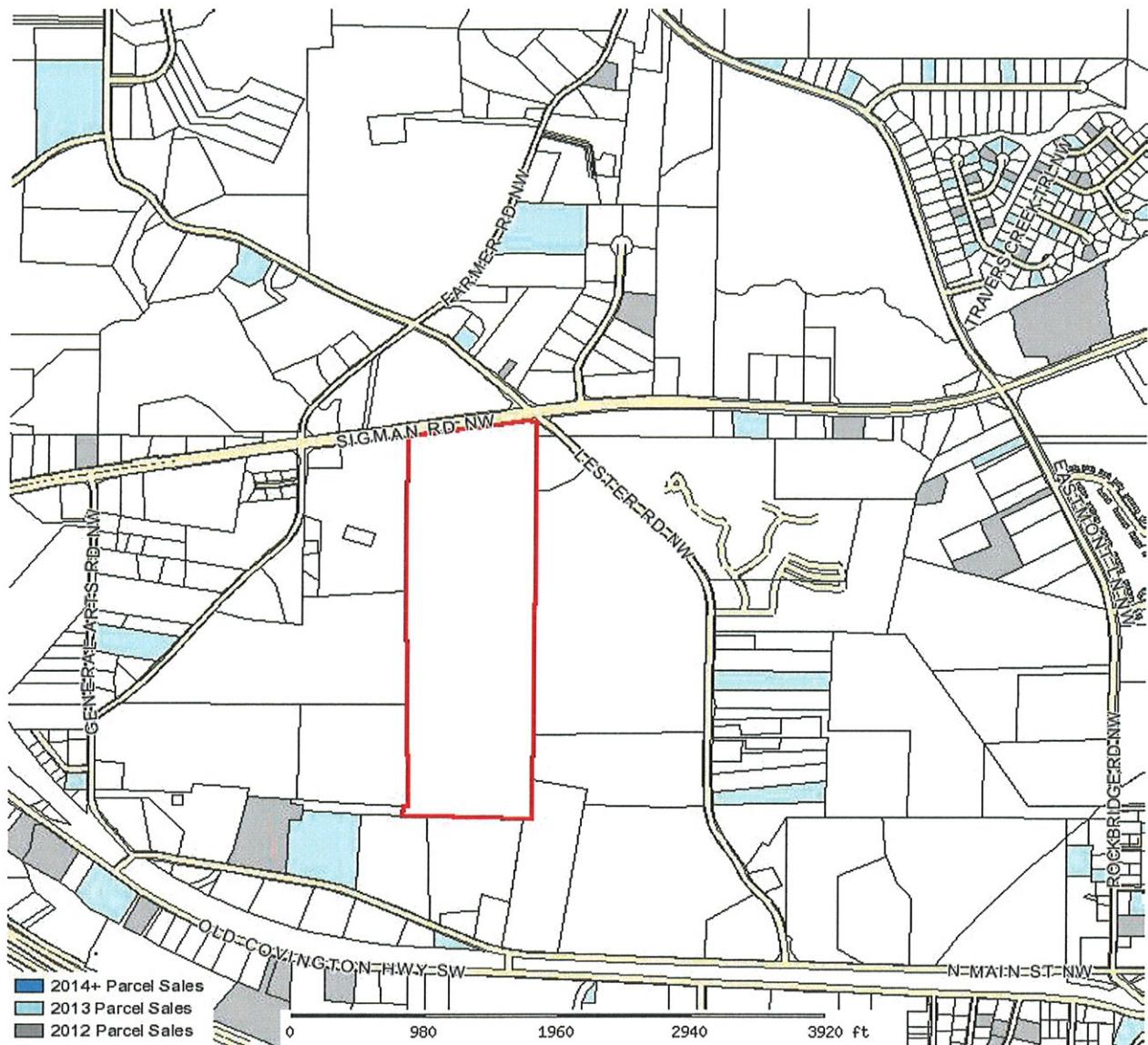
Permit Information

Permit Date	Permit Number	Type	Description
No permit information associated with this parcel.			

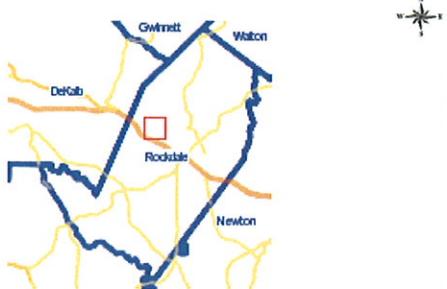
[Recent Sales in Neighborhood](#)
[Recent Sales in Area](#)

[Previous Parcel](#)[Next Parcel](#)[Field Definitions](#)[Return to Main Search Page](#)[Rockdale Home](#)

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Rockdale County Assessor			
Parcel: 0220010024 Acres: 64.05			
Name:	ROCKDALE INDUSTRIES INC	Land Value	\$559,700.00
Site:	1505 NW SIGMAN RD	Building Value	\$0.00
Sale:	\$0 on 01-1964 Reason=01 Qual=Q	Misc Value	\$0.00
Mail:	C/O ROBERT PATTILLO IND INC 2200 CENTURY PARKWAY SUITE 100 ATLANTA, GA 30345	Total Value:	\$559,700.00



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S Z G P A C S A R E

Zoom In Zoom Out Pan Center On Parcel Search Additional Options

Rockdale Home / Property Search

Controls

Available Layers

- Parcels
- Parcel Numbers
- Address #
- Yearly Sales
- Roads
- Soil Analysis
 - Soil Types
 - Land Coverage
 - Flood Map
 - Lakes & Rivers
 - Aerial Photos



Show Scale

100 m
200 ft

Reports

View as: Google Earth | Bird's Eye | Google Maps & Street View

PARCEL INFORMATION TABLE

Selected Parcel	0220010022		
(Click for Complete Card)			
Parcel Zoning	County		
Taxing District	1.49		
Acres	1.49		
OWNERSHIP INFORMATION			
Name	ROBERT PATTILLO PROPERTIES INC.		
Mailing Address	2280 CENTURY PARKWAY SUITE 100 ATLANTA, GA 30345		
Situs/Physical Address	0 NW ROCKDALE INDUSTRIAL BLVD		
VALUES			
Land Value	\$28,600.00		
Improvement Value	\$0.00		
Accessory Value	\$0.00		
Total Value	\$28,600.00		
LAST 2 SALES			
Date	Price	Reason	Qual
07-1998	\$0	U	
00-0000	\$0	00	U

Website last updated May 2, 2014
GIS Maps last updated March 17, 2014
[Soil Analysis Report](#)

Parcel List

Legend

Measure

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Appendix B

CAWP Addendum and Additional Groundwater Assessment Report

CORRECTIVE ACTION WORK PLAN ADDENDUM

**C&D TECHNOLOGIES
1835 ROCKDALE INDUSTRIAL BLVD
CONYERS, ROCKDALE COUNTY, GA
HSI Site No. 10734**

Prepared For:
C&D Technologies
1400 Union Meeting Road
Blue Bell, PA 19422-0858



Prepared By:
URS Corporation
1000 Corporate Centre Drive, Suite 250
Franklin, TN 37067

URS Project No. 20500332.00001

**October 12, 2011
Revised January 9, 2012**

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Executive Summary

C&D Technologies, Inc. (C&D) retained URS Corporation (URS) to develop and implement groundwater investigation programs to assess impacted groundwater identified at C&D's Conyers, Georgia Facility located at 1835 Rockdale Industrial Boulevard, Conyers, Rockdale County, Georgia (the Facility) and adjacent properties (collectively, the Site).

The C&D Facility has been listed on the Georgia Hazardous Site Inventory (HIS) Number 10734 as a facility that has a known release in groundwater at levels exceeding the reportable quantity. Chlorinated volatile organic compounds (VOCs) trichloroethene (TCE), tetrachloroethene (PCE), *cis*-1,2-dichloroethene (*cis*-DCE), and lead have been detected in groundwater samples at concentrations exceeding the Georgia Hazardous Site Response Act (HSRA) Type 1/3 Risk Reduction Standards (RRS).

On behalf of C&D, URS submitted a Corrective Action Work Plan (CAWP) dated January 2010 to the Georgia Environmental Protection Division (EPD). The intent of the January 2010 CAWP was to outline testing activities to support development of a Corrective Action Plan (CAP) for the site. Pre-CAP development activities were proposed to address data gaps identified in the source area, currently defined as MW-5 and MW-5D, in a phased approach. Initial activities were proposed to further evaluate site conditions, specifically groundwater flow and interconnectivity and/or communication of subsurface zones (e.g., overburden, saprolite, and shallow bedrock) within the source area. Additional investigation activities were proposed for further analysis of in situ remedial alternatives within portions of the plume downgradient of the source area.

Investigation and testing activities proposed to address the data gaps included:

- Groundwater flow and water level tests;
- Geophysical survey;
- Additional monitoring well installation;
- Soil sample collection (geochemical parameters);
- Groundwater sample collection;
- Hydrogeologic aquifer tests (i.e., slug test);
- Field-scale pilot test.

In correspondence to C&D dated April 28, 2010, Georgia EPD approved portions of the CAWP including geophysical survey testing, geophysical logging, hydrogeologic testing, aquifer testing, and infiltration testing. Georgia EPD did not approve portions of the CAWP directing further analysis of in situ remedial alternatives which were proposed to be conducted within portions of the downgradient plume and source area. Georgia EPD requested that C&D submit a CAWP Addendum proposing groundwater pilot testing for contaminant mass removal and any additional groundwater testing proposed for the site.

This CAWP Addendum discusses the geophysical survey results, groundwater investigation activities, and hydrogeologic aquifer testing. The CAWP Addendum also describes the proposed Phase 1 Field-Scale Pilot Test and the subsequent evaluation of its potential as a remedial alternative for the site.

List of Acronyms

ASTM	American Society for Testing and Materials
bgs	Below Ground Surface
CAP	Corrective Action Plan
CAWP	Corrective Action Work Plan
cis-DCE	<i>cis</i> -1,2-dichloroethene
CSM	Conceptual Site Model
DCE	Dichloroethene
DO	Dissolved Oxygen
EPD	Environmental Protection Division
FBQSTP	Field Branches Quality System and Technical Procedures
g/L	Grams per Liter
gpm	Gallons per Minute
HSI	Hazardous Site Inventory
HSP	Health and Safety Plan
IDW	Investigative Derived Waste
ISBR	In Situ Bioremediation
ISCR	In Situ Chemical Reduction
mg/L	Milligrams per Liter
µg/L	Micrograms per Liter
µm	Microns
NOD	Notice of Deficiency
ORP	Oxygen Reduction Potential
PCE	Tetrachloroethene
QA/QC	Quality Assurance and Quality Control
RMT	RMT, Inc.
RRS	Risk Reduction Standard
TCE	Trichloroethene
URS	URS Corporation
USDA/USCS	United States Department of Agriculture / Unified Soil Classification System
U.S.EPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds
ZVI	Zero-Valent Iron

This Corrective Action Work Plan (CAWP) Addendum is intended to support development of a Corrective Action Plan (CAP) for the C&D Conyers, Georgia Facility (Facility or Site), Georgia Hazardous Site Inventory (HSI) Site Number 10734. This CAWP Addendum summarizes Pre-CAP development testing activities that have been conducted at the Site, as well as the proposed Phase I (e.g., field-scale pilot testing) Injection Program and the subsequent evaluation of its potential as a remedial alternative for the Site. Pre-CAP activities including geophysical survey testing, groundwater investigation activities and hydrogeological testing have been conducted at the site as directed by the January 2010 CAWP (URS, 2010a). These investigation activities focused primarily on the source area, currently defined as MW-5 and MW-5D. Building upon the information derived from these activities, additional investigation activities are proposed in this CAWP Addendum for that portion of the plume immediately downgradient of this “hot spot” area, including a Phase 1 Field-Scale Pilot Test designed to evaluate the potential to effectively address groundwater impacted by chlorinated ethenes in the immediate vicinity of the hot spot area.

Detailed site background and additional information is included in the Addendum to Compliance Status Report Ground Water Delineation Report submitted in July 2009 (URS, 2009b), and the Additional Groundwater Assessment report dated January 31, 2011 (URS, 2011a). A more comprehensive data gap analysis, technology background, alternatives analysis, remedial strategy and conceptual design will be included in the CAP, which is scheduled to be submitted in 2013.

1.1 SITE DESCRIPTION

C&D Technologies (C&D) manufactured lead-acid batteries at the Conyers Facility for over 35 years, ending operations in 2007. The Facility is located on 8.27 acres in an area zoned for commercial and industrial use (S&ME, 2008) and consists of one building (main manufacturing building) surrounded by paved areas. The storage building and drum storage building located to the north of the main building have been removed. A site map of the Facility and nearby properties is presented on **Figure 1-1**.

The Facility is underlain by granite plutons and other metamorphic and igneous rocks that have been subject to geologic erosion and generally are deeply weathered. The weathering has resulted in a relatively thick layer of saprolite (unconsolidated, weathered rock) and soil beneath the ground surface. Based on review of the Geologic Map of the Atlanta Quadrangle (Higgins, 1998), the area around the subject property is underlain by undifferentiated granitic gneiss. The depth to competent bedrock varies from less than one foot near the main former manufacturing building to greater than 90 feet to the north of the Facility.

Groundwater beneath the Site is shallow, ranging from approximately 10 to 40 feet below ground surface (bgs), and predominantly flows to the north; however, groundwater level measurements also indicate flow to the southeast on the southern side of the Facility. During the groundwater delineation activities, it has been determined that the shallow groundwater occurs in an unconfined aquifer made up of potentially interconnected water bearing zones: a shallow zone of soil and weathered rock, and a deeper zone of fractured bedrock. These fractures contribute to the complexities of groundwater flow in the area.

Slug tests previously conducted at the Site indicate that the hydraulic conductivity of the shallow water bearing unit varies between 10^{-3} and 10^{-5} centimeters per second (cm/sec). The groundwater flow direction from the impacted suspected source area is generally to the north with a hydraulic gradient of 0.025 feet per foot (ft/ft).

Historic site characterization activities identified many different types of deep bedrock (approximately 400 feet bgs) water-bearing fracture zones in the Conyers area. The highest yielding water-bearing fracture zones were identified almost exclusively along subhorizontal lithologic and/or thrust fault contacts below massive, poorly foliated granite gneiss (Williams and Burton, 2005; Williams and Cressler, 2007). It has been determined that the deep bedrock fracture system is not well connected to recharge sources. Recharge into the deep bedrock system probably occurs through vertical leakage along steep joints and fractures identified in the area (Khalouf and Prowell, 2003; Tucker and Williams, 2005) or along parallel partings developed in compositionally layered rocks located within outcrop areas (Williams, 2003).

1.2 PREVIOUS INVESTIGATIONS

Previous groundwater investigations conducted at the site confirm groundwater north of the main manufacturing building is impacted by low pH, lead, tetrachloroethene (PCE), trichloroethene (TCE), and *cis*-1,2-dichloroethene (*cis*-DCE). The chlorinated VOC-impacted groundwater extends from north of the manufacturing building toward the north and northeast in the apparent direction of groundwater flow.

Based upon a groundwater remediation design prepared by RMT (2006), injection wells (INJ-1 and INJ-2) and observation wells (OBS-1, OBS-2, and OBS-3) were installed in early 2007 as part of bioremediation pilot testing. Chemicals were injected to elevate pH, promote lead precipitation, and support reductive dechlorination within the source area, and to support enhanced natural degradation processes within the downgradient plume. The location of the injection wells and observation wells are shown on **Figure 1-2**. Results of the pilot testing indicated that while bioremediation and/or enhanced natural degradation processes could be accelerated in the downgradient plume (INJ-2), subsurface distribution challenges in the source area required additional testing.

In May and June of 2007, seven monitoring wells were installed on the Robert Pattillo Property by Dobbs Environmental (Quintrell, 2008). Results of this investigation indicated that groundwater beneath the Pattillo Property may have been impacted by TCE and PCE. Additional groundwater investigation sampling in October 2008, indicate PCE-, TCE-, and/or *cis*-DCE-impacted groundwater was present in the overburden and the shallow bedrock, but not present in the deep monitoring well (MW-14, 100 feet bgs) located within the plume. The results of the October 2008 sampling were presented in the January 12, 2009 Groundwater Delineation Work Plan (URS, 2009a).

Groundwater delineation activities conducted in 2009 and 2010 included installing and sampling additional wells. Installation of monitoring wells and sampling activities were conducted on the C&D property, and the Pattillo, Pittman Construction, Latex, and Frey-Moss Structures (FMS) Properties (**Figure 1-2**). With the exception of the monitoring well installed on the Pittman Property, where access continues to be under negotiation, groundwater samples were collected from select wells during 2009 and 2010 for VOCs. Details of the 2009 plume delineation

activities are included in an addendum to the Compliance Status Report – Groundwater Delineation, submitted to the Georgia Environmental Protection Division (GA EPD) in June 2009 (URS, 2009b). **Figure 1-3** presents the groundwater TCE/PCE concentration contours, based upon the results of the June 2009 sampling event. Results of the 2010 monitoring well installation and groundwater sample analytical results were reported in the Additional Groundwater Assessment report dated January 31, 2011 (URS, 2011a). The October 2010 Groundwater Assessment is further discussed in Section 2.2.

1.3 POTENTIAL CORRECTIVE ACTION EVALUATIONS

Key potential corrective action methods under consideration for the Site include:

- Monitored natural attenuation (MNA)
- In situ anaerobic bioremediation (ISBR)
- In situ chemical reduction (abiotic reductive dechlorination) (ISCR)
- Electric resistive heating (ERH)
- Ex situ bioremediation
- Ex situ chemical reduction

Individual delivery/extraction options include:

- Direct push injection
- Fixed well injection
 - Low pressure approach
 - Infiltration approach
- Pseudo barrier approach created by either filling boreholes with treatment material and/or via delivery using fixed injection wells
- Recirculation system approach with in situ and ex situ treatment

URS has completed pre-CAP development activities including a geophysical survey, additional monitoring well installation, groundwater sample collection, and slug testing. The following sections of this CAWP Addendum summarize the findings of the pre-CAP investigation activities as well as additional investigation activities proposed to support further remedial alternatives evaluation and CAP development.

Field investigation activities were conducted at the site during the period from May 2010 through February 2011 to address data gaps identified in the January 2010 CAWP. Data gaps identified include the following:

- Site groundwater flow;
- Interconnectivity and/or communication of subsurface zones within the source area, and;
- In situ treatment effectiveness in the downgradient plume.

The intent of the data gap analysis was to gain a better understanding of groundwater flow patterns in groundwater immediately downgradient of the source area and the interconnectivity and communication between overburden, saprolite, and shallow bedrock materials. A better understanding of the interconnectivity and/or communication from the source area (e.g., MW-5, MW-5D), to the southeastern portion of the Latex Property and further downgradient plume areas will further support source area corrective action planning.

Discussion of the field activities completed as part of the data gap analysis (geophysical survey, groundwater monitoring well installation, groundwater sample collection, and hydrogeologic testing (slug testing) are presented in the following sections.

2.1 GEOPHYSICAL SURVEY

As discussed in the January 2010 CAWP, data gaps regarding groundwater flow and aquifer characteristics were addressed with the installation and sampling of new monitoring wells in the area between existing wells MW-2 and MW-1 to the north of the source area, and between MW-2 and DMW-3S to the northeast. A geophysical survey was conducted prior to monitoring well installation to identify to the most suitable well locations to achieve data collection goals.

The geophysical survey was conducted by Matrix Engineering Group, Inc. (Matrix) May 19 through June 8, 2010 using the multi-channel analysis of surface waves method (MASW). MASW is a nondestructive seismic method that analyzes dispersion of seismic surface waves originating from the impact point (source) to the receivers (geophones). At the Site, MASW data were acquired across various ground surfaces including asphalt pavement, soil, grass, and gravel. A total of nine transect lines were studied during the survey (see **Figure 2-1**):

- Six in the area north and northeast of the source area (area north of MW-5 and MW-5D);
- One in the general vicinity of MW-17 to investigate usability of MW-17;
- Two in the area of MW-28SBR and MW-28DBR to determine if these monitoring wells are monitoring the same fracture zone.

The Matrix Engineering summary report and data are included as **Appendix A**. The findings of the geophysical survey and fracture trace analysis were presented in the October 1, 2010 Site Status Update (URS 2010b) submitted to and approved by Georgia EPD in an email to C&D dated October 8, 2010 and are discussed in the following section.

2.1.1 Geophysical Survey Results

As presented in the Matrix Engineering summary report, the data collected were processed to provide the 2-D profiles of the shear wave velocity for the subsurface. The 2-D velocity profiles were further

rendered utilizing contouring software, to depict the subsurface velocity variations in a contoured fashion. These 2-D profiles were then interpreted, and the contouring software was used to provide a generalized contoured plan view for the site depicting the anticipated depth to competent rock. Contour maps of the bedrock depth were created using the data, which are included in the appendix of the Matrix report.

URS reviewed the profile contours and plan view maps provided by Matrix to determine if there were specific fracture traces or potential zones that indicated the potential for any preferential flow paths for ground water. The Matrix geophysical data supports the interpretations of the area geology that the subject property is underlain by undifferentiated granitic gneiss and the depth to competent bedrock varies from less than one foot near the main former manufacturing building to greater than 90 feet to the north of the Facility. The area of deep bedrock contours appear to suggest that weathering has occurred along the more permeable contacts which likely produced interconnected shallow water-bearing zones across the area; these zones consist of foliation-parallel partings, voids, and other openings ranging from fractions of an inch to several inches in aperture.

Although the geophysical survey supported previous generalized depth to bedrock interpretations (i.e., shallower near plant, deeper moving northwards away from the plant), the contoured results were also questionable in one respect. That is, the greatest depth to bedrock locations appeared to coincide with shot measurement points, suggesting that the orientation of the shot lines were somehow influencing the geophysical measurement data. To resolve this issue, URS staff first examined the contoured data for any suggested linear trends. Two suggested linear trends were noted; one trending N60°W passing through the deep bedrock locations at the north end of Line 4 and the east end of Line 6, and another trending N76E° (also) passing through the deep bedrock locations at the north end of Line 4 and the east end of Line 6. On the basis of this examination, three tentative well locations were selected: one at the north end of Line 4, another at the east end of Line 6, and a third on the south central portion of Line 5 (see **Figure 2-1**). After these initial locations were selected, to further corroborate the geophysical data URS then evaluated the site for potential groundwater preferential pathways (fractures) by performing a fracture trace analysis.

2.1.2 Fracture Trace Analysis

The purpose of the fracture trace analysis was to observe if proposed well locations selected on the basis of fracture trace analysis coincided with those well location selections that were made solely on the basis of the geophysical study results. The fracture trace analysis was completed by reviewing historical aerial photographs from the years 1939 to 2006 to identify surface lineaments. Lineaments are identified primarily based upon straight stream sections, alignment of ridges and valleys, vegetation patterns, and subtle changes in the topography and ground surface tonal features as observed in the photographs. Surface lineaments frequently have different shading than the surrounding surfaces that are not fractured. A more complete discussion of the fracture trace analysis was presented in the October 1, 2010 Site Status Update (URS 2010b).

On the basis of the fracture trace analysis, potential well locations were selected for further study. The junctures of the interpreted fractures provide the optimum position for placement of a

monitoring well; particularly if these locations are located on fractures that are downgradient of and/or in connection with, the source area. These tentative locations were then superimposed on a map of the Site to observe any similarities (or differences) of the proposed fracture trace locations versus the locations previously selected based solely on the basis of the geophysical survey. **Figure 2-2** presents the site wide fracture trace interpretations along with the localized geophysical survey data interpretations from the area immediately north and northeast of the source area.

The composite mapping shown on **Figure 2-2** indicated that the proposed well site on the north end of Line 4 (near the northwest corner of the highlighted area) was very likely to encounter fairly thick saprolite over well fractured bedrock, since the fracture traces observed on both photographs and the geophysical mapping all appeared to coincide at this location. Thus, this location was selected based on both the geophysical and fracture trace interpretations. The fracture trace analysis did not confirm the locations of the other two proposed wells selected on the basis of the geophysical results. However, the locations were consistent with the additional site groundwater flow evaluation data needs described in the January 2010 CAWP.

2.2 OCTOBER 2010 GROUNDWATER ASSESSMENT

Based on the results of geophysical survey and in-house fracture trace analysis, URS identified three monitoring well locations north and northeast of the source area (see **Figure 2-2**). The monitoring well locations were selected to address the remaining data gaps in the source area by complementing the existing monitoring well network and collect additional aquifer characteristic data. The monitoring wells were installed, constructed and developed in accordance with the U.S. EPA Region IV's FBQSA TP Guidance for the Design and Installation of Monitoring Wells No. SESDGUID-101-R0 (EPA, 2008). Monitoring well locations were approved by Georgia EPD via email to C&D dated October 8, 2010.

URS reported the results of the monitoring well installation and groundwater sample analytical results in the Additional Groundwater Assessment report dated January 31, 2011 (URS, 2011a). Georgia EPD subsequently issued a Notice of Deficiencies (NOD) dated March 25, 2011 identifying deficiencies in the Additional Groundwater Assessment report (Georgia EPD, 2011a). URS addressed the NOD in a Response to Notice of Deficiency – Additional Groundwater Assessment dated May 26, 2011 (URS, 2011b). Georgia EPD approved the May 26, 2011 Response to Notice of Deficiency in a June 27, 2011 letter (Georgia EPD, 2011b). The October 2010 Groundwater Assessment is discussed in the following sections.

2.2.1 Monitoring Well Installation

Three monitoring wells were installed October 11 through 15, 2010 using a hollow stem auger (HSA) drill rig equipped with a roller bit and air hammer by a Georgia licensed driller, AE Drilling Services, LLC, of Greenville, South Carolina. The monitoring wells were installed at the first encounter of competent shallow bedrock and were screened across the water-yielding zone in the range of 36 to 47 ft bgs. During monitoring well installation, the drill tooling was advanced three to four feet into bedrock at each monitoring well location to confirm competent bedrock was present. Rock core samples were collected at MW-37 from first encounter of competent bedrock at approximately 47 ft below ground surface (bgs) to a terminating depth of

60 ft bgs to satisfy Georgia EPD requests and verify bedrock conditions. The underlying bedrock formation was penetrated using a diamond NXM coring drill stem. The cores were collected, placed in core boxes and descriptions were logged on the boring logs. Total well depths and screened intervals of the newly installed monitoring wells are presented in the following table. Boring logs and well construction diagrams for the new monitoring wells are included as **Appendix B**.

Well ID	Total Depth (ft bgs)	Screened Interval (ft bgs)	TOC Elevation (msl)
MW-36	39.4	39.4 – 29.4	922.89
MW-37	47	47 – 37	927.71
MW-38	40.5	40.5 – 30.5	923.20

msl = mean sea level

Monitoring wells were constructed of 2-in. diameter, pre-cleaned, flush threaded, Schedule 40 PVC with ten feet of 0.010-inch slotted screen and solid riser. Newly installed monitoring wells were completed as “stick-up” wells with an outer protective casing made of steel with a hinged, locking cap. The ground surface was completed with a 3 ft. x 3 ft. x 4 in. concrete pad. Protective bollards were also installed around each newly installed monitoring well.

2.2.2 Monitoring Well Development

The monitoring wells were allowed to sit a minimum of 24-hours after surface completion prior to development. The monitoring wells were developed using the pump/over-pump method. A Whaler® submersible pump equipped with polyethylene discharge tubing was positioned at the top of the screened interval. During development, the pump was raised and lowered throughout the screened interval to remove residual sediments from the filter pack and establish natural aquifer conditions. Well development was considered complete when water pumped from the well was clear and free of visible sediment and pH, temperature, turbidity, and specific conductivity stabilized.

2.2.3 Groundwater Sample Collection

Prior to groundwater purging, groundwater level measurements were recorded at available monitoring well locations for potentiometric purposes using an electronic water level indicator. Groundwater elevations were recorded to the nearest 0.01 ft as measured from the water table to the top of well casing. URS did not collect ground water level measurements from MW-16, MW-27SBR, or OBS-3. MW-16 and MW-27SBR are located on property owned by Pittman Construction Company (Pittman). Pittman has not granted C&D permission to enter their property. OBS-3 is located on the Latex Property and could not be located due to dense vegetation. Groundwater elevation data are presented on **Table 2-1**. A potentiometric map is presented in **Figure 2-3**.

As approved in the October 8, 2010 email, water quality parameters were measured and groundwater samples were collected from selected existing monitoring wells using low-flow/low-volume sampling techniques as presented on **Table 2-2**. Groundwater parameters and

samples were collected either using a stainless steel bladder pump equipped with disposable Teflon bladders and dedicated Teflon-lined low density polyethylene tubing or a peristaltic pump equipped with dedicated Teflon-line tubing. At monitoring wells where the recharge rate was low and low-flow methods were not successful during previous groundwater monitoring events, traditional purge methods (removal of three to five well volumes) were used. When the peristaltic pump was used for collection of groundwater samples for VOC analysis, a reverse-flow technique was used for sample collection.

Groundwater samples were submitted to TestAmerica, Inc. (TA) located in Nashville, TN and analyzed for one or more of the following parameters:

- Volatile organic compounds (VOCs);
- Dissolved metals (including iron and manganese);
- Anions and Alkalinity (nitrate and sulfate), and;
- Total organic carbon (TOC).

Water quality parameters including temperature, pH, conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), and turbidity were also recorded during groundwater purging activities. Water quality parameters were recorded in the field using a Horiba U-22 water quality meter. Water quality parameters were recorded on field data sheets for each monitoring well location.

Groundwater samples collected from monitoring wells MW-36, MW-37, and MW-38 were also analyzed for total and dissolved lead. VOC data were used to evaluate target VOC contaminant concentrations (i.e., TCE, PCE). The remaining parameters were used to assess general groundwater quality. The analytical methods and intended data use are presented in **Table 2-3**. Analytical data are summarized in **Table 2-4**. Complete laboratory analytical reports are included in **Appendix C**.

2.2.4 October 2010 Groundwater Analytical Data

URS reported the results of the monitoring well installation and groundwater sample analytical results in the Additional Groundwater Assessment report dated January 31, 2011 (URS, 2011a). Analytical data from groundwater samples collected during the October 2010 groundwater assessment confirm TCE and PCE concentrations exceeding the Georgia HSRA Type 1/3 RSS extend north and northeast from the source area (MW-5) located on the C&D Facility onto portions of the Pattillo and Latex Properties (URS, 2011a). TCE and PCE were not detected in deep monitoring well MW-14 (completed at 100 ft bgs) located within the source area. TCE and PCE concentrations detected during the October 2010 groundwater assessment are presented on **Figure 2-4**.

Analytical data collected from the newly installed monitoring wells indicates TCE and PCE concentrations decrease sharply as groundwater flows to the north away from the source area, as indicated by the TCE concentration isopleths shown on **Figure 2-4**. TCE concentrations detected at new monitoring wells MW-36, MW-37, and MW-38 were several orders of magnitude lower than detected at high concentration well MW-5.

2.3 HYDROGEOLOGIC DATA

The primary data gap concerning the source area is related to the interconnectivity and/or communication of subsurface zones (e.g., overburden, saprolite, and shallow bedrock). To evaluate potential remedial alternatives, the ability to deliver treatment materials, create an in situ treatment zone, and/or extract impacted groundwater for ex situ treatment was further evaluated through hydrogeological testing. To better understand movement of groundwater in the source area and areas to the north and northeast, hydrogeological testing was conducted using new and existing monitoring wells. The results of hydrogeological data collected during previous pilot testing activities conducted by (RMT, 2007) were also evaluated during development of the CAWP Addendum.

2.3.1 October 2010 Hydrogeologic Data

As requested by Georgia EPD, rock core samples were collected during installation of MW-37 to gather information regarding the physical properties of the shallow bedrock conditions. The core samples indicate that, beneath the overburden and saprolite (weathered granite), competent shallow bedrock is present from less than one foot to greater than forty feet. The core samples confirm that the bedrock consist of a light-colored granite gneiss that is composed of muscovite, biotite, feldspar, and quartz with minor foliation.

The shallow water bearing zone occurs within the overburden soil, weathered rock, and in the shallow fractured bedrock. The shallow ground water flow within the shallow bedrock is influenced by the presence of partially developed sheet fractures that were observed in the cores of the upper bedrock. The core samples are consistent with previous bedrock studies in the Conyers area that indicate the shallow weathered rock and upper shallow bedrock fractures and the deep bedrock fracture system are hydraulically separated.

2.3.2 February 2011 Infiltration (Slug) Testing

Infiltration testing was conducted by using slug testing methods. Slug and pumping tests are generally used to determine the hydraulic conductivity of aquifers. Because water has to be removed (pumped) and disposed of during a pumping test, which poses problems when the aquifer being pumped is contaminated, slug tests present a viable alternative for the estimation of (horizontal) aquifer hydraulic conductivity. Hydraulic conductivity (K), or permeability, is a measure of the ease of movement of groundwater through aquifers or aquitards.

A slug test is conducted by abruptly removing, adding, or displacing a known volume of water within a well and then monitoring the change in water levels as equilibrium conditions return. The slug can be a known volume of water or a solid. The rate of water level change in response to the slug is a function of the hydraulic conductivity of the formation and the geometry of the well or screened interval.

During the period February 8, 2011 to February 10, 2011, URS personnel conducted both rising (slug out) and falling head (slug in) slug tests in ten (10) existing overburden, shallow-bedrock, and deep-bedrock monitoring wells located at the C&D Site. Slug tests were conducted at monitoring wells MW-01, MW-02, MW-05, MW-5D, MW-07-SBR, MW-28-SBR, MW-28-DBR, MW-36-SBR, MW-37-SBR, and MW-38-SBR.

A polytetrafluoroethylene (Teflon[®]) slug of known dimensions (1-inch diameter, 5-feet long) was both inserted and removed (falling and rising head tests) from each well tested, and the water table elevation response to each action was monitored continuously utilizing a Schlumberger Micro-Diver combined pressure transducer/data logger. Both the slug and the Micro-Diver were decontaminated prior to being inserted, and after removal, at each well location. Following the completion of testing, the slug test data was downloaded to a computer and then analyzed using a commercial software program (AQTESOLV). Aquifer hydraulic conductivity at each location was estimated following methods developed by Bouwer and Rice, Dagan, and the Kansas Geological Survey (KGS).

Generally, the responses to the slug insertion or removal were typical, except for the measured response at shallow bedrock well MW-5D. At MW-5D the oscillation of the water levels in the well, indicative of an under-damped response (i.e., the inertial forces are predominate over the formation frictional forces), precluded a meaningful estimation of aquifer hydraulic conductivity at that location.

Copies of the slug test data and the corresponding visual methods of analysis are included in **Appendix D** and the test results from each of the monitoring wells are summarized on Table 1, within **Appendix D**. The slug tests performed at the Site indicated the following mean (geometric) hydraulic conductivities:

- Overburden 1.235E-02 feet per minute (6.273E-03 cm/sec);
- Shallow Bedrock 1.104E-02 feet per minute (5.608E-03 cm/sec), and;
- Deep Bedrock 2.290E-03 feet per minute (1.163E-03 cm/sec).

The mean hydraulic conductivity for the site, based upon multiple methods of analysis at ten of the site wells, is 1.028E-02 feet per minute or 5.222E-03 cm/sec. Literature generally indicates that silty sands and fine sands have a measured horizontal field permeability (hydraulic conductivity) ranging from 1x10E-03 cm/sec to 1x10E-05 cm/sec. (Previous slug tests conducted at the site had also resulted in conductivity estimates ranging from 1x10E-03 cm/sec to 1x10E-05 cm/sec).

The recent slug test results indicate that, in the wells tested, the hydraulic conductivity of both the overburden and shallow bedrock wells were greater (one order of magnitude) than the hydraulic conductivity in the deep bedrock wells, consistent with the conceptual site model (CSM) for groundwater flow in Piedmont terrain. However, that all of the estimated conductivities, based upon the slug test responses, would be at the high end of the typical range for the site subsurface materials was not anticipated. With an estimated effective porosity of 30%, a mean hydraulic conductivity of 1.028E-02 feet per minute, and a measured (average) gradient of 0.025 foot/foot, the calculated overall groundwater flow velocity for the Site is approximately 1.23 feet per day, or about 450 feet per year. This calculated average flow rate for the Site is very fast and was not expected.

Experience indicates that groundwater flow rates in a Piedmont setting are usually on the order of 10's of feet per year. It is suspected that the recent slug testing results may be skewed by the subsurface conditions at the wells tested. That is, some of the new shallow bedrock wells (actually, transition wells) are likely reflecting the greater hydraulic conductivities of the

transition zone (lower saprolite, upper fractured bedrock); conditions which seem to also be present in the older transition zone wells (e.g., MW-1 and MW-2). In any case, it is clear that although the fine-grained nature of the overburden materials would be expected to limit the travel time of any groundwater contaminants, groundwater flow (and any dissolved contaminants) at the Site is dominated by secondary porosity, largely the result of weathering and fracture flow development. As a result, because of the shallow depth to bedrock in the original source zone area near the plant and the degree of fracturing and associated weathering in the upper reaches of bedrock, the current slug testing results may explain how the Phase I injection tests by RMT in the spring of 1997 were able to be conducted at (what appeared to be) relatively high flow rates [12.5-18.0 gallons per minute (gpm)] in a Piedmont setting.

The domination of groundwater flow at the Site by secondary porosity (weathering and fracture development) is best exemplified by the slug testing results (see **Appendix D**) at the MW-28 (shallow and deep) couplet. At the MW-28 couplet, where the screens were set in bedrock at depths where fracture flow was encountered during the drilling process, there is only a one-foot separation distance between the bottom of the screen in the shallower member of the couplet (MW-28SBR) and the top of the screen in the deeper member of the couplet (MW-28DBR); yet, there is an order of magnitude difference in the mean estimated hydraulic conductivity (1.134E-02 ft/min versus 2.290E-03 ft/min) for each well, with the greater conductance measured in the shallower member of the couplet.

The recent slug testing results suggest that the overall success of any remedial injection program conducted at the Site will be very dependent on the degree of secondary porosity development of the subsurface materials in the proposed injection area and upon the ability to deliver any (potentially proposed) injection substances to these areas of secondary porosity development.

Field investigation activities have been conducted at the site from May 2010 through February 2011 to address data gaps identified in the January 2010 CAWP. Previous data gaps identified included the following:

- Site groundwater flow;
- Interconnectivity and/or communication of subsurface zones within the source area, and;
- In situ treatment effectiveness in the downgradient plume.

The intent of the data gap analysis was to gain a better understanding of groundwater flow patterns in groundwater immediately downgradient of the source area and the interconnectivity and communication between overburden, saprolite, and shallow bedrock materials. A better understanding of the interconnectivity and/or communication from the source area (e.g., MW-5, MW-5D), to the southeastern portion of the Latex Property and further downgradient plume areas was necessary to further support future source area corrective action remediation.

Discussion of the proposed remedial technology, field activities, and a schedule to support future source area corrective action remediation (well installation and injection testing) are presented in the following sections.

3.1 CHEMICAL REDUCTION REMEDIAL TECHNOLOGY

The proposed Phase 1 Field-Scale Pilot Test includes the injection of amendment materials into seven permanent injection wells within the source zone, for direct treatment via ISCR. The injection activities are anticipated to reduce the source area concentrations in the immediate vicinity of the injection wells. Chemical reduction is an abiotic (non-biological) process that facilitates reductive dechlorination of chlorinated hydrocarbons. The added chemical reductant for use with chlorinated organics is typically zero-valent iron (ZVI), which is capable of creating strong reducing environments with a lower ORP than that achieved by adding common electron donors. The reaction between the ZVI and PCE occurs primarily on the surface of the iron particles, slowly reducing the reactivity of the iron over time. As groundwater enters the reactive zone created by the iron, oxidation/reduction reactions occur such that electrons from iron oxidation are used to reduce contaminant molecules through the sequential release of chlorine atoms (reductive dechlorination).

ZVI can be added alone in various sized particles or can be amended with carbon substances to promote added biodegradation or adsorption. EHC® is a reducing product that consists of iron and carbon components for added anaerobic biodegradation. The iron component of EHC® includes small ZVI particles (<100 microns [μm]) that provide reactive surface area promoting abiotic (non-biological) dechlorination, while contributing to the drop in groundwater ORP. The organic component of EHC® is a fibrous, plant-based, carbon material that is nutrient rich, hydrophilic, and has a large surface area, resulting in an environment conducive to microbial growth. As bacteria grow on EHC® particle surfaces, DO is consumed, decreasing the ORP in groundwater. Additionally, the carbon component of EHC® is fermented during bacterial growth, causing a release of a variety of volatile fatty acids (VFAs) (e.g., acetic acid, propionic acid, and butyric acid) that diffuse into groundwater and serve as electron donors for indigenous bacteria.

This approach is proposed for this site based on a number of design criteria. The primary goal is to create several treatment barriers, strategically installed to address contaminant mass without introducing amendment materials across the entire footprint of the plume. Trenching could be used to create more traditional permeable reactive barriers (PRBs), however given the site lithology and significantly varying depth to bedrock across the plume, it is unlikely that PRB sections would be successfully installed. Therefore, the creation of injected barriers or treatment zones is proposed utilizing low pressure injection techniques to deliver amendment materials for direct treatment via ISCR and subsequent creation of treatment zones down gradient of each barrier for ISBR over time. This approach will immediately reduce contaminant concentrations within each barrier treatment zone. Additionally, by creating suitable aquifer conditions within and down gradient of each barrier, long-term treatment will continue to reduce contaminant mass between each barrier section installed.

3.2 PHASE 1 FIELD-SCALE PILOT TEST

The efficacy of an injection barrier at the Site will be evaluated during implementation of a Phase 1 Field-Scale Pilot Test. General activities that are necessary for implementation of the Site Phase 1 Field-Scale Pilot Test include:

- Field mobilization,
- Site preparation,
- Baseline sampling event,
- ISCR injection activities,
- Performance monitoring,
- Investigative-derived waste (IDW) management, and
- Demobilization.

The objectives of the Phase I Field-Scale Pilot Test will be to:

- Evaluate the effectiveness of injections of EHC[®] on dissolved concentrations of both lead and PCE, as well as PCE's breakdown products (TCE, *cis*-1,2-DCE, and VC);
- Estimate the rate of reductive dechlorination (e.g., through in situ chemical reduction [ISCR] and/or anaerobic biodegradation) of PCE and its breakdown products following injection activities;
- Estimate the quantity of EHC[®] required for sufficient reductive dechlorination of PCE to reach site target clean up goals;
- Estimate the radius of influence (ROI) achieved for injections at the Site; and
- Assess the need for bioaugmentation with a DHC culture to achieve sufficient contaminant mass reductions within the target cleanup schedule.

Details of the general activities for the Phase 1 Field-Scale Pilot Test will be included in a Pilot Test Work Plan, (for brevity) in the form of a Technical Memorandum. However; before injection activities (and the subsequent testing) may commence, permanent injection wells will need to be installed and developed. Injection activities will include material delivery, material mixing and preparation, and injection through these permanent injection wells.

3.3 PROPOSED INJECTION / MONITORING WELL INSTALLATION

Prior to commencing the Phase 1 Field-Scale Pilot Test, permanent injection wells, as well as the requisite number of monitoring wells, must first be installed at the Site. Based upon the results of the recent slug testing performed at the Site which indicate that delivery of EHC® would best be achieved by maximizing likely zones of secondary porosity in the subsurface of the Site, the injection (and monitoring) wells will be installed as transition-zone wells at and immediately downgradient of the current source area (see **Figure 3-1**). These transition-zone wells will be constructed with screens of a sufficient length to encompass both the lower coarser-grained portion of the saprolitic overburden and the upper more-fractured bedrock underlying the overburden.

As presented on **Figure 3-1**, an injection barrier consisting of 7 permanent injection wells constructed on 20-foot centers is proposed for installation in the central portion of the current plume, immediately up and downgradient of wells MW-5 and MW-5D. Five (5) new monitoring wells are proposed for construction on 30-foot centers immediately down (and side) gradient of this two-string injection barrier to monitor the effectiveness of the EHC® delivery on dissolved COC concentrations, develop information to estimate the quantity of EHC® required for Site target clean up goals, and aid in the determination of the ROI of the various injection wells. The 3 proposed monitoring wells located along a line west of monitoring well MW-2 are located downgradient of the injection barrier in the apparent direction of plume movement.

The basis for the two monitoring wells proposed for installation along a line located south of monitoring well MW-2 is as follows. Previous sampling results (**Figure 1-3**) at the site, as well as the fracture-trace analysis (**Figure 2-2**) that was performed, has demonstrated that there are northeast–southwest trending fractures in the subsurface of the Site that currently appear to bracket the northeast trending contaminant plume lobe that has been observed downgradient of the former source area. It is possible that contaminants in groundwater near the source area first traveled along one of the northeasterly trending fractures and (much later) began to diffuse along the fracture in a downgradient (northwards) direction, which resulted in the current lobe pattern (apparently) bracketed by some of the major fracture traces noted on **Figure 2-2**. Therefore, to minimize the potential for injected EHC® during the Phase 1 Field-Scale Pilot Test to bypass the downgradient monitoring wells by movement along a northeasterly trending fracture in the subsurface, we are proposing the installation of the two side-gradient monitoring wells south of MW-2 to provide a means to monitor for this potential condition.

The twelve new wells (7 injection wells, 5 monitoring wells) will be constructed of 2-inch diameter, pre-cleaned, flush-threaded, Schedule 40 PVC to a total depth of 25 ft bgs, each to be installed with 15 ft of #10 (0.010-inch slot) pre-packed screens. Although pre-packed screens will be installed to maximize connection with the formation and minimize the entry of fines within the well screen interval, the annular space within each boring will still also include

emplacement of filter- pack sand (#1, or 20-30), to a height of 2 ft above the screened interval (followed by grout to the surface).

Three (3) of the injection wells and all 5 of the monitor wells will be constructed with above-ground completions (i.e., 4-inch steel cover with locking cap, pads, etc.). Whereas, because 4 of the injection wells will be installed in the current paved parking area behind (north) of the former plant building, these proposed (permanent) injection wells will be constructed within flush-mount traffic-ready vaults.

During installation and construction, investigation-derived waste (IDW) will be contained onsite. Drilling equipment will be decontaminated prior to (and after) drilling and completing each of the monitoring and injection wells. All wells will be allowed to sit for a minimum of 24-hours following surface completion prior to being developed.

Prior to injection activities, a baseline groundwater monitoring event will be conducted, including collecting groundwater parameters (e.g., pH, oxidation reduction potential (ORP), DO, specific conductance, turbidity) and samples for laboratory analysis (VOCs, lead, sulfates, and microbial culture) at wells in the test area, as well as other selected wells. Following injection activities, a performance monitoring program will commence approximately two weeks post-injection activities. Groundwater monitoring will be conducted according to the EPA Region 4 Field Branches Quality System and Technical Procedure (EPA, 2008). Further details of the performance monitoring program will be provided in the Phase I Pilot Test Activities Technical Memorandum.

3.4 PROPOSED SCHEDULE

As previously noted in Section 3.2, specific details regarding the engineering design of the Phase I Field-Scale Pilot Test will be prepared and compiled in the Phase I Pilot Test Activities Technical Memorandum. The proposed schedule is outlined below:

Submit Corrective Action Work Plan Addendum	October 14, 2011
CAWP Agency Review (15 working days assumed)	November 4, 2011
Develop Phase I Pilot Test Activities Technical Memorandum	November 11, 2011
Responses to CAWP Comments (13 working days)	November 23, 2011
Agency approval of CAWP Addendum	December 2, 2011
Commence pilot testing program with drilling	December 5, 2011
Complete installation of 12 wells added for pilot test	December 22, 2011
Baseline groundwater sampling of pilot test monitoring wells	January 2, 2012
Prepare for pilot test	January 9-13, 2012
Initiate dosing with pilot test reagents	January 18, 2012
Initiate monitoring program for pilot test	March 5, 2012
Complete one year of pilot test monitoring	March, 2013
Pilot test results reporting	June, 2013
Develop final Corrective Action Plan	July-Aug, 2013

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TABLES

Table 2-1
Groundwater Elevation Data
October 2008 Through October 2010
C&D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Monitor Well ID	TOC Elevation (ft msl)	October 13 & 14, 2008		February 23, 2009		June 16, 2009		October 18, 2010	
		Depth to Water (ft btoc)	Groundwater Elevation (ft msl)						
MW-38 SBR	923.207	NM	NM	NM	NM	NM	NM	14.36	908.85
MW-37 SBR	927.71	NM	NM	NM	NM	NM	NM	16.18	911.53
MW-36 SBR	922.89	NM	NM	NM	NM	NM	NM	18.25	904.64
MW-35 SBR	905.61	NM	NM	NM	NM	8.63	896.98	15.30	890.31
MW-34 SBR	904.56	NM	NM	NM	NM	25.62	878.94	29.05	875.51
MW-33 SBR	926.88	NM	NM	NM	NM	21.28	905.60	12.11	914.77
MW-32 SBR	931.63	NM	NM	NM	NM	10.88	920.75	14.79	916.84
MW-30 SBR	926.99	NM	NM	NM	NM	5.14	921.85	6.41	920.58
MW-29 SBR	928.49	NM	NM	NM	NM	6.05	922.44	7.31	921.18
MW-28 DBR	884.8	NM	NM	NM	NM	4.18	880.62	5.95	878.85
MW-28 SBR	887.52	NM	NM	NM	NM	6.57	880.95	7.75	879.77
MW-27 SBR	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-26 SBR	913.8	NM	NM	NM	NM	13.11	900.69	17.15	896.65
MW-25 SBR	924.88	NM	NM	NM	NM	18.17	906.71	23.68	901.20
MW-24 SBR	929.32	NM	NM	6.33	922.99	4.85	924.47	6.62	922.70
MW-11 SBR	927.74	NM	NM	16.35	911.39	13.90	913.84	18.55	909.19
MW-23 SBR	927	NM	NM	23.60	903.40	17.47	909.53	26.76	900.24
MW-22 SBR	910.14	NM	NM	17.61	892.53	9.97	900.17	17.32	892.82
MW-21 DBR	908.8	NM	NM	19.56	889.24	13.16	895.64	19.51	889.29
MW-7 SBR	915.14	NM	NM	25.02	890.12	17.51	897.63	24.51	890.63
MW-8 SBR	913.58	NM	NM	14.21	899.37	11.48	902.10	14.43	899.15
MW-9 SBR	921.5	NM	NM	10.15	911.35	11.61	909.89	13.69	907.81
C&D-01	933.27	Dry	Dry	7.91	925.36	6.31	926.96	9.15	924.12
C&D-02	931.17	NM	NM	NM	NM	NM	NM	6.05	925.12
C&D-03	933.39	10.81	922.58	8.72	924.67	6.83	926.56	10.12	923.27
MW-01	916.40	NM	NM	13.74	902.66	8.94	907.46	14.12	902.28
MW-02	932.15	16.00	916.15	13.72	918.43	10.50	921.65	15.73	916.42
MW-03	927.73	NM	NM	15.24	912.49	9.45	918.28	16.61	911.12
MW-04	932.08	10.75	921.33	9.11	922.97	NM	NM	9.78	922.30
MW-05	931.73	11.74	919.99	9.19	922.54	6.80	924.93	10.97	920.76
MW-5D	932.04	13.08	918.96	10.10	921.94	7.76	924.28	12.06	919.98
MW-06	931.50	15.08	916.42	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-07	914.91	Dry	Dry	Dry	Dry	17.41	897.50	19.86	895.05
MW-08	913.66	16.19	897.47	13.37	900.29	10.41	903.25	14.50	899.16
MW-09	920.94	NM	NM	13.35	907.59	11.21	909.73	13.25	907.69
MW-10	922.96	21.42	901.54	20.15	902.81	13.47	909.49	20.58	902.38
MW-11	927.54	NM	NM	19.23	908.31	13.80	913.74	18.66	908.88
MW-12	934.10	13.55	920.55	11.66	922.44	8.82	925.28	11.86	922.24
MW-13	884.74	NM	NM	9.81	874.93	NM	NM	11.47	873.27
MW-14	930.60	65.97	864.63	82.14	848.46	71.18	859.42	40.95	889.65
MW-15	914.37	18.82	895.55	15.14	899.23	11.92	902.45	16.49	897.88
MW-16	887.32	NM	NM	8.10	879.22	NM	NM	887.32	
MW-17	932.71	7.72	924.99	27.56	905.15	22.35	910.36	4.28	928.43
MW-18	932.43	10.19	922.24	8.41	924.02	6.48	925.95	9.61	922.82
MW-19	934.20	Dry	NM	Dry	Dry	8.66	925.54	8.75	925.45
MW-20	934.52	9.92	924.60	8.73	925.79	7.10	927.42	9.94	924.58
DMW-1D	922.66	21.07	901.59	19.93	902.73	12.74	909.92	20.14	902.52
DMW-2D	921.71	16.48	905.23	16.50	905.21	10.71	911.00	16.60	905.11
DMW-2S	921.73	16.17	905.56	16.36	905.37	10.43	911.30	16.76	904.97
DMW-3D	923.39	19.47	903.92	18.21	905.18	12.01	911.38	18.92	904.47
DMW-3S	923.3	19.34	903.96	18.09	905.21	11.89	911.41	18.79	904.51
DMW-4D	923.3	26.41	896.89	24.70	898.60	17.10	906.20	24.34	898.96
DMW-5D	915.25	18.86	896.39	34.80	880.45	24.67	890.58	12.40	902.85
INJ-01	932.9	10.86	922.04	8.89	924.01	NM	NM	10.11	922.79
INJ-02	913.7	16.08	897.62	13.21	900.49	NM	NM	14.33	899.37
OBS-01	932.9	10.95	921.95	9.01	923.89	NM	NM	10.33	922.57
OBS-02	932.9	10.72	922.18	8.78	924.12	NM	NM	10.18	922.72
OBS-03	913.7	16.65	897.05	13.35	900.35	NM	NM	913.70	

Elevation survey has not been completed.

NM - Not Measured

ft msl - Feet Above Mean Sea Level

ft btoc - Feet Below Top of Casing

Table 2-2 - Groundwater Monitoring Summary
CD Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Location ID	Parameters						Analysis				Comments
	Water Level	pH	Temperature	ORP	DO	Conductivity	Turbidity	VOCs by SW 8260	Dissolved Metals ¹	Anions & Alkalinity ²	
MW-18	✓										Source area hydrogeological testing; Overburden / transition monitoring well
MW-5	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
MW-5D	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Shallow bedrock monitoring well
MW-14	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Deep bedrock monitoring well
MW-2	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
INJ-01	✓										2007 pilot test injection well; Source area hydrogeological testing; Overburden / transition monitoring well
OBS-2	✓										2007 pilot test performance monitoring well; Source area hydrogeological testing; Overburden / transition monitoring well
C&D-01	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
C&D-03	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
MW-19	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Shallow bedrock monitoring well
MW-20	✓	✓	✓	✓	✓	✓	✓	✓		✓	Represents background; Location anticipated to be unimpacted by pre-design testing activities
MW-3	✓	✓	✓	✓	✓	✓	✓	✓		✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well
DMW-3S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;
DMW-3D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Shallow bedrock monitoring well;
DMW-2S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;

Table 2-2 - Groundwater Monitoring Summary
CD Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Location ID	Parameters							Analysis				Comments
	Water Level	pH	Temperature	ORP	DO	Conductivity	Turbidity	VOCs by SW 8260	Dissolved Metals ¹	Anions & Alkalinity ²	TOC	
DMW-2D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Shallow bedrock monitoring well;
MW-36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;
MW-37	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;
MW-38	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well.

Notes:

ft = feet

BTOC = below top of casing

ORP = oxidation reduction potential

DO = dissolved oxygen

VOCs = volatile organic compounds

TOC = total organic carbon

PMW = proposed monitoring wells

¹ Including iron and manganese, as determined necessary

² Including nitrate and sulfate, as determined necessary

³ Proposed monitoring wells will be labeled when completed.

Table 2-3 - Groundwater Analytical Methods for Sampling
CD Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Analysis	Analytical Method	Field Instrument or Laboratory Analysis	Data Use
Water-level (groundwater)	Electric tape/flume	Field	Flow direction/elevation
pH	EPA SW-846 9040B	Field	General water quality parameter
Water temperature	EPA 170.1	Field	General water quality parameter
ORP		Field	General water quality parameter
Dissolved oxygen		Field	General water quality parameter
Specific conductance	EPA SW-846 9050A	Field	General water quality parameter
Turbidity (groundwater)	EPA 180.1	Field	General water quality parameter
Chlorinated VOCs	EPA SW-846 8260B	Laboratory	Existing target contaminants; Performance monitoring
Anions Including nitrate and sulfate	EPA SW-9056	Laboratory	General water quality parameter
Dissolved metals Including iron and manganese	EPA SW-846 6010B	Laboratory	General water quality parameter

Table 2-4
Summary of Groundwater Analytical Results - October 2010
C D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia

Chemical Constituent	Type 1/3 RRS	C&D-01	C&D-03	MW-1	MW-2	MW-3	MW-4	MW-5	MW-5D	MW-18	MW-19	MW-20	MW-21 DBR	MW-22 SBR	MW-23 SBR	MW-24 SBR	DW-1D	
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	
Arsenic	0.05	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS	
Barium	2	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS	
Cadmium	0.005	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS	
Chromium	0.1	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS	
Lead	0.015	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS	
Mercury	0.002	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	75	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
2-Butanone	2000	NS	50U	NS	50U	50U	NS	50U	50U	NS	1U	1U	NS	NS	NS	NS	NS	
Acetone	4000	NS	50U	NS	991	50U	NS	954	5010	NS	50U	50U	NS	NS	NS	NS	NS	
Carbon disulfide	4000	NS	1U	NS	1U	1U	NS	24.8	5.18	NS	1U	1U	NS	NS	NS	NS	NS	
Chloroform	100	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
cis-DCE	1	NS	1U	NS	1U	1.42	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
p-Isopropyltoluene	1	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
PCE	5	NS	1U	NS	1U	27.9	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
trans-DCE	100	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
TCE	5	NS	1U	NS	1090	20.7	NS	15300	699	NS	1U	1U	NS	NS	NS	NS	NS	
Groundwater Quality (mg/L)																		
Alkalinity, Total*	-	NS	10U	NS	10U (A-01)	10U	NS	10.0U	10U	NS	10U	27.8	NS	NS	NS	NS	NS	
Nitrate as N	-	NS	5.45 (H2)	NS	0.202	2.45 (HT3)	NS	0.336	50U (H2)	NS	8.2 (H2)	0.100U	NS	NS	NS	NS	NS	
Sulfate	-	NS	6980	NS	2400 (H2)	530	NS	1750	18500	NS	212	7.28	NS	NS	NS	NS	NS	
TOC	-	NS	6.62	NS	8.63	1U	NS	53	125	NS	1.35	1.0U	NS	NS	NS	NS	NS	
Iron (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	0.0500U (P7)	0.0500U (P7)	NS	NS	NS	NS	NS	
Manganese (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	0.983 (P7)	0.594 (P7)	NS	NS	NS	NS	NS	
Lead (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS	
Chemical Constituent	Type 1/3 RRS	MW-6	MW-7	MW-7 SBR	MW-8	MW-8 SBR	MW-9	MW-9 SBR	MW-10	DW-2D	DW-2S	DW-3D	DW-3S	DW-4D	DW-5D	INJ-01	INJ-02	
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	
Barium	2	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	
Cadmium	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	
Chromium	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	
Lead	0.015	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	
Mercury	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
2-Butanone	2000	NS	NS	NS	NS	NS	NS	NS	NS	50U	50U	50U	50U	NS	NS	NS	NS	
Acetone	4000	NS	NS	NS	NS	NS	NS	NS	NS	50U	50U	50U	50U	NS	NS	NS	NS	
Carbon disulfide	4000	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
Chloroform	100	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
cis-DCE	1	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	3.59	1U	NS	NS	NS	NS	
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
PCE	5	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	17.2	1U	NS	NS	NS	NS	
trans-DCE	100	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
TCE	5	NS	NS	NS	NS	NS	NS	NS	NS	93.4	1U	36.7	1.02	NS	NS	NS	NS	
Groundwater Quality (mg/L)																		
Alkalinity, Total*	-	NS	NS	NS	NS	NS	NS	NS	NS	10U (A-01)	10U (A-01)	10U (A-01)	10U	NS	NS	NS	NS	
Nitrate as N	-	NS	NS	NS	NS	NS	NS	NS	NS	0.738	1.07	2.14	0.967 (HT3)	NS	NS	NS	NS	
Sulfate	-	NS	NS	NS	NS	NS	NS	NS	NS	147 (H2)	98.1 (H2)	410 (H2)	81 (H2)	NS	NS	NS	NS	
TOC	-	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
Iron (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0500U	0.0500U	0.0500U	0.0500U	NS	NS	NS	NS
Manganese (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.67	0.620	2.37	0.667	NS	NS	NS	NS
Lead (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	

Table 2-4
Summary of Groundwater Analytical Results - October 2010
C D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia

Chemical Constituent	Type 3 RRS	MW-11	MW-11 SBR	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	OBS-1	OBS-2	OBS-3	MW-25 SBR	MW-26 SBR	MW-27 SBR	MW-28 SBR	MW-28 DBR
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Barium	2	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Cadmium	0.005	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Chromium	0.1	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Lead	0.015	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Mercury	0.002	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
1,4-Dichlorobenzene	75	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
2-Butanone	2000	NS	NS	NS	NS	50U	NS	NS	NS	NS	NS						
Acetone	4000	NS	NS	NS	NS	50U	NS	NS	NS	NS	NS						
Carbon disulfide	4000	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
Chloroform	100	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
cis-DCE	1	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
p-Isopropyltoluene	1	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
PCE	5	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
trans-DCE	100	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
TCE	5	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
Groundwater Quality (mg/L)																	
Alkalinity, Total ^a	-	NS	NS	NS	NS	76	NS	NS	NS	NS	NS						
Nitrate as N	-	NS	NS	NS	NS	0.143	NS	NS	NS	NS	NS						
Sulfate	-	NS	NS	NS	NS	15.9	NS	NS	NS	NS	NS						
TOC	-	NS	NS	NS	NS	1.87	NS	NS	NS	NS	NS						
Iron (Dissolved)	-	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Manganese (Dissolved)	-	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Lead (Dissolved)	-	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						

Chemical Constituent	Type 3 RRS	MW-29 SBR	MW-30 SBR	MW-32 SBR	MW-33 SBR	MW-34 SBR	MW-35 SBR	MW-36 SBR	MW-37 SBR	MW-38 SBR
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NS	NA	NA	NA	NA
Barium	2	NS	NS	NS	NS	NS	NA	NA	NA	NA
Cadmium	0.005	NS	NS	NS	NS	NS	NA	NA	NA	NA
Chromium	0.1	NS	NS	NS	NS	NS	NA	NA	NA	NA
Lead	0.015	NS	NS	NS	NS	NS	0.500U	0.500U (M4)	0.500U	
Mercury	0.002	NS	NS	NS	NS	NS	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	1U	1U	1U	
2-Butanone	2000	NS	NS	NS	NS	NS	50U	50U	50U	
Acetone	4000	NS	NS	NS	NS	NS	50U	50U	50U	
Carbon disulfide	4000	NS	NS	NS	NS	NS	1U	1U	1U	
Chloroform	100	NS	NS	NS	NS	NS	1.96	7.9	1U	
cis-DCE	1	NS	NS	NS	NS	NS	1U	1U	1U	
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	1U	1U	1U	
PCE	5	NS	NS	NS	NS	NS	2.89	2.59	1.16	
trans-DCE	100	NS	NS	NS	NS	NS	1U	1U	1U	
TCE	5	NS	NS	NS	NS	NS	217	460	486	
Groundwater Quality (mg/L)										
Alkalinity, Total ^a	-	NS	NS	NS	NS	NS	10U (A-01)	10U (A-01)	10U	
Nitrate as N	-	NS	NS	NS	NS	NS	0.958	0.725	1.35	
Sulfate	-	NS	NS	NS	NS	NS	2640 (H2)	4780 (H2)	5480 (H2)	
TOC	-	NS	NS	NS	NS	NS	1.72	2.48	2.92	
Iron (Dissolved)	-	NS	NS	NS	NS	NS	4.6	43.6 (HMA)	82.4	
Manganese (Dissolved)	-	NS	NS	NS	NS	NS	8.03	50.6 (HMA)	94.2	
Lead (Dissolved)	-	NS	NS	NS	NS	NS	0.377	0.158	0.500U	

Abbreviations:

cis-DCE - cis-1,2-Dichloroethene
trans-DCE - trans-1,2-Dichloroethene

PCE - Tetrachloroethene
TCE - Trichloroethene

NA - Not Analyzed

NS - Not Sampled

Notes:

Type 1/3 RRS are in accordance with GA HSRA Criteria for Type 3 Standards (GA HSRA Rule 391-3-19-.07).

Bold indicates concentrations above detection limit.

Shading indicates concentrations exceeding the Type 3 RRSs

U indicates below detection limit

P7 - Sample filtered in lab

H2 - Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

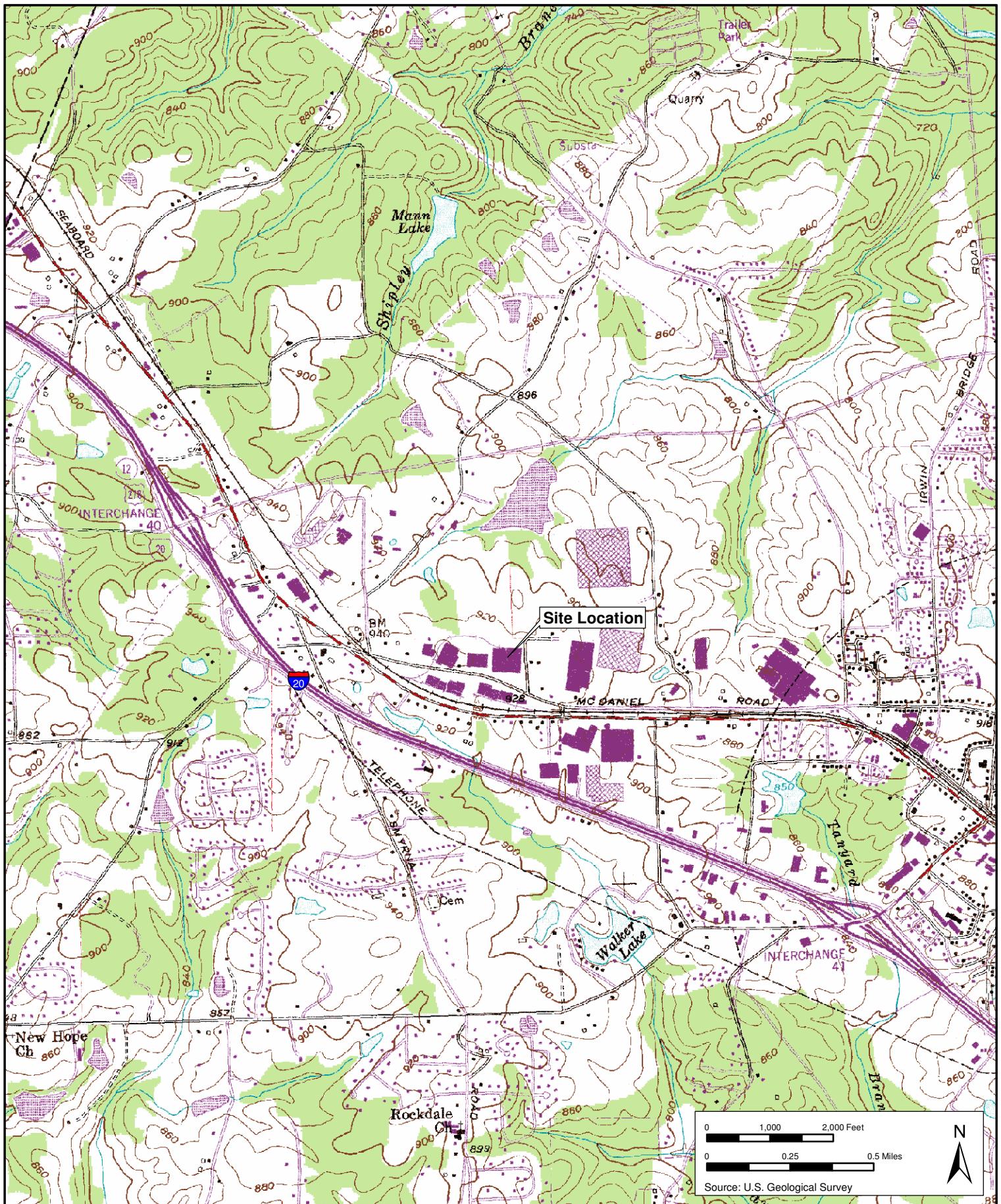
A-01 - Sample titrated <4.5 due to sample matrix

HT3 - Sample received with insufficient holding time remaining for analysis to be performed within the method's holding time requirements

M4 - The MS/MSD required dilution due to matrix interference, result not valid. See Blank Spike (LCS)

MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS)

FIGURES



C & D TECHNOLOGIES, INC.
1835 Industrial Blvd.
Conyers, Georgia



Franklin, Tennessee

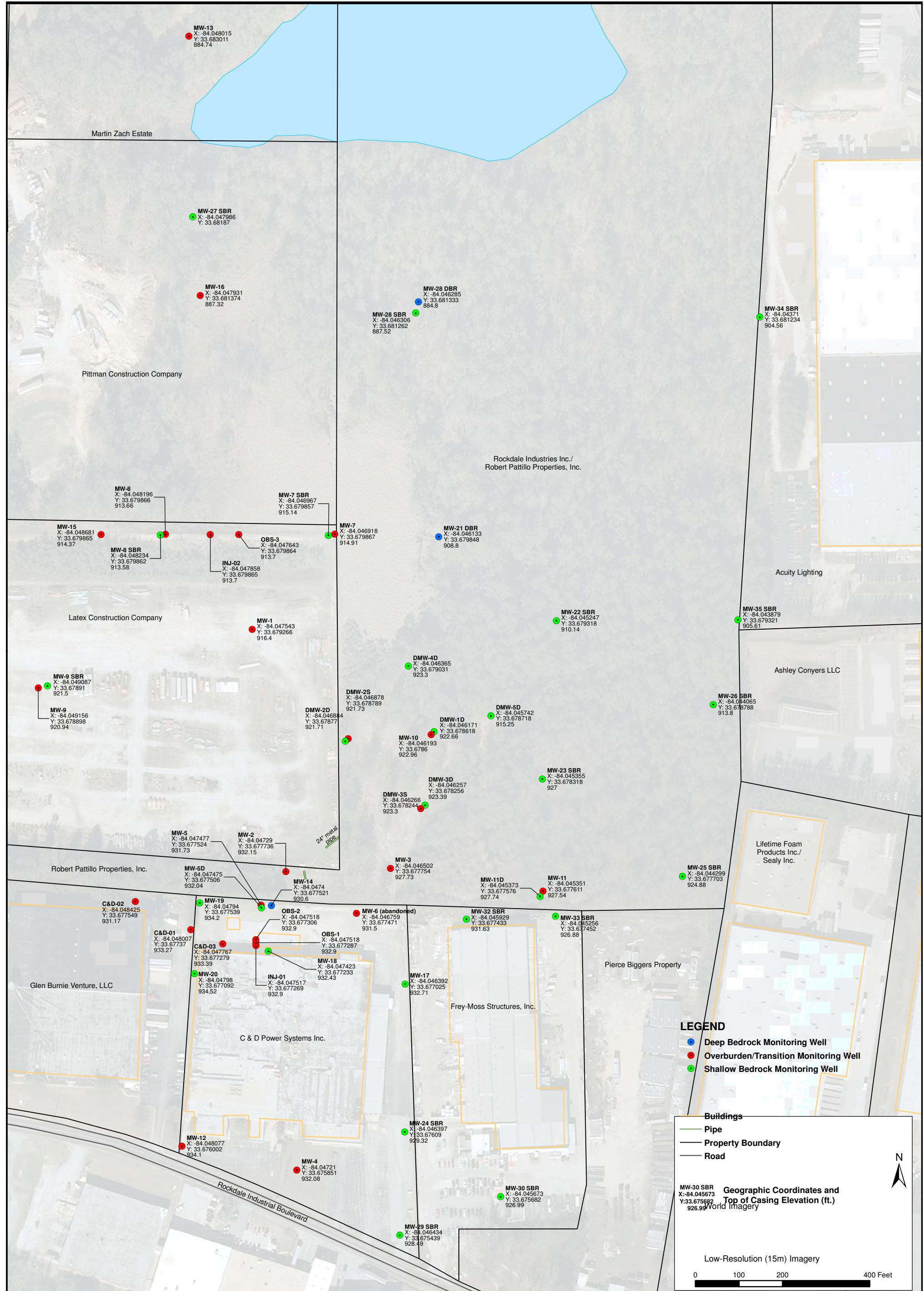
SCALE: 1:24,000	DRAWN BY: RL	DATE: 10/07/08
	CHECKED BY: JW	DATE: 10/07/08

G:\C_D Technologies\Conyers Plant\deliverables\fig1-1_SiteLocation-DRG.mxd

SITE LOCATION MAP

PROJECT NO:
20500205
.00001

FIGURE NO:
1-1



C & D TECHNOLOGIES, INC.
1835 Industrial Blvd.
Conyers, Georgia

URS
Franklin, Tennessee

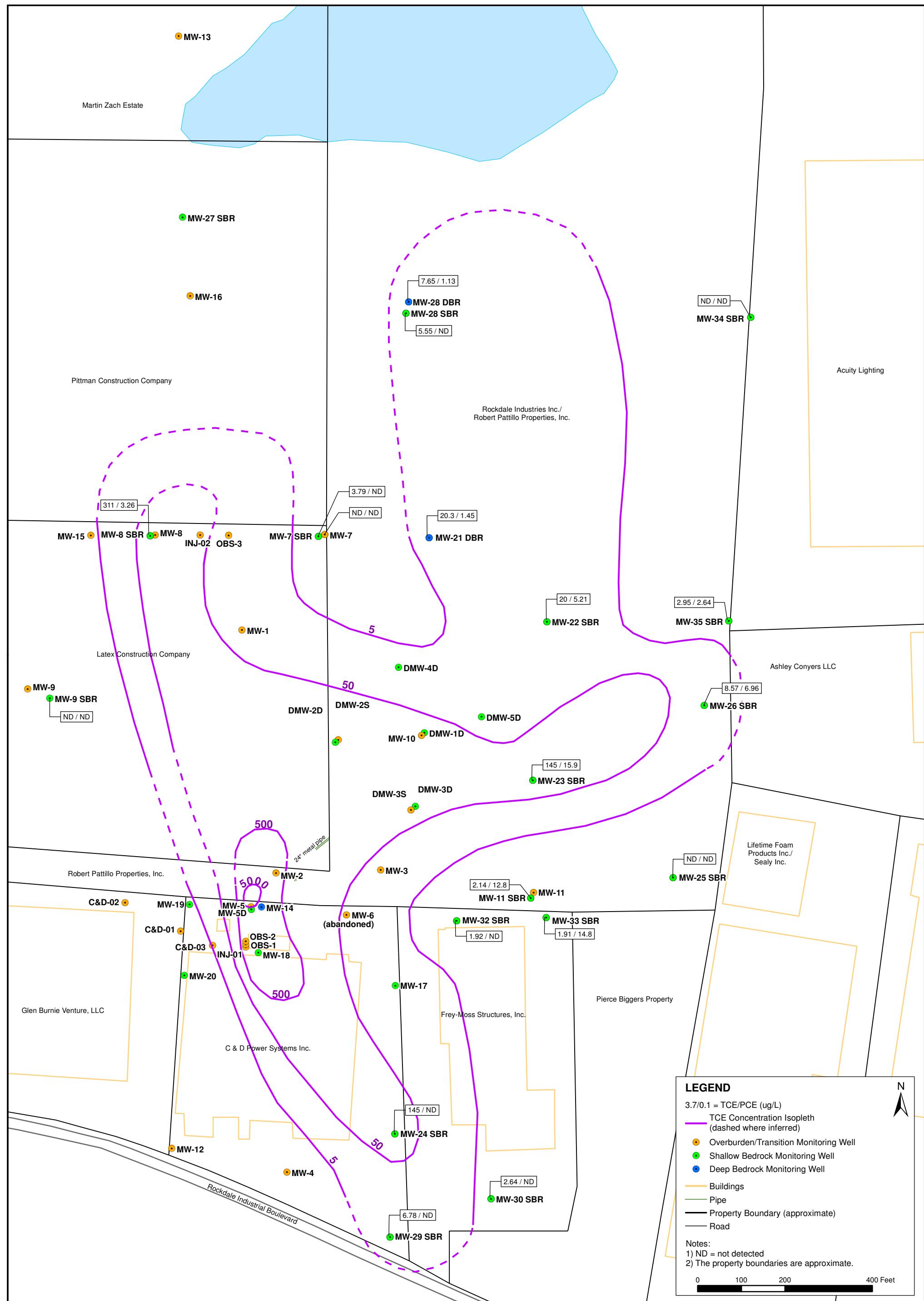
SCALE: 1:2,400 1" = 200'	DRAWN BY: RL	DATE: 03/10/10
	CHECKED BY: JW	DATE: 03/10/10

G:\C_D_Technologies\Conyers Plant\deliverables\fig1-2_Site_Map-Well_Locs_Aerial

SITE MAP
GROUNDWATER
WELL LOCATIONS

PROJECT NO:
20500332
.00001

FIGURE NO:
1-2



C & D TECHNOLOGIES, INC.

URS

Franklin, Tennessee

SCALE:
1:2,4
1" - 2

100

00

N BY:

EB BM

DATE:

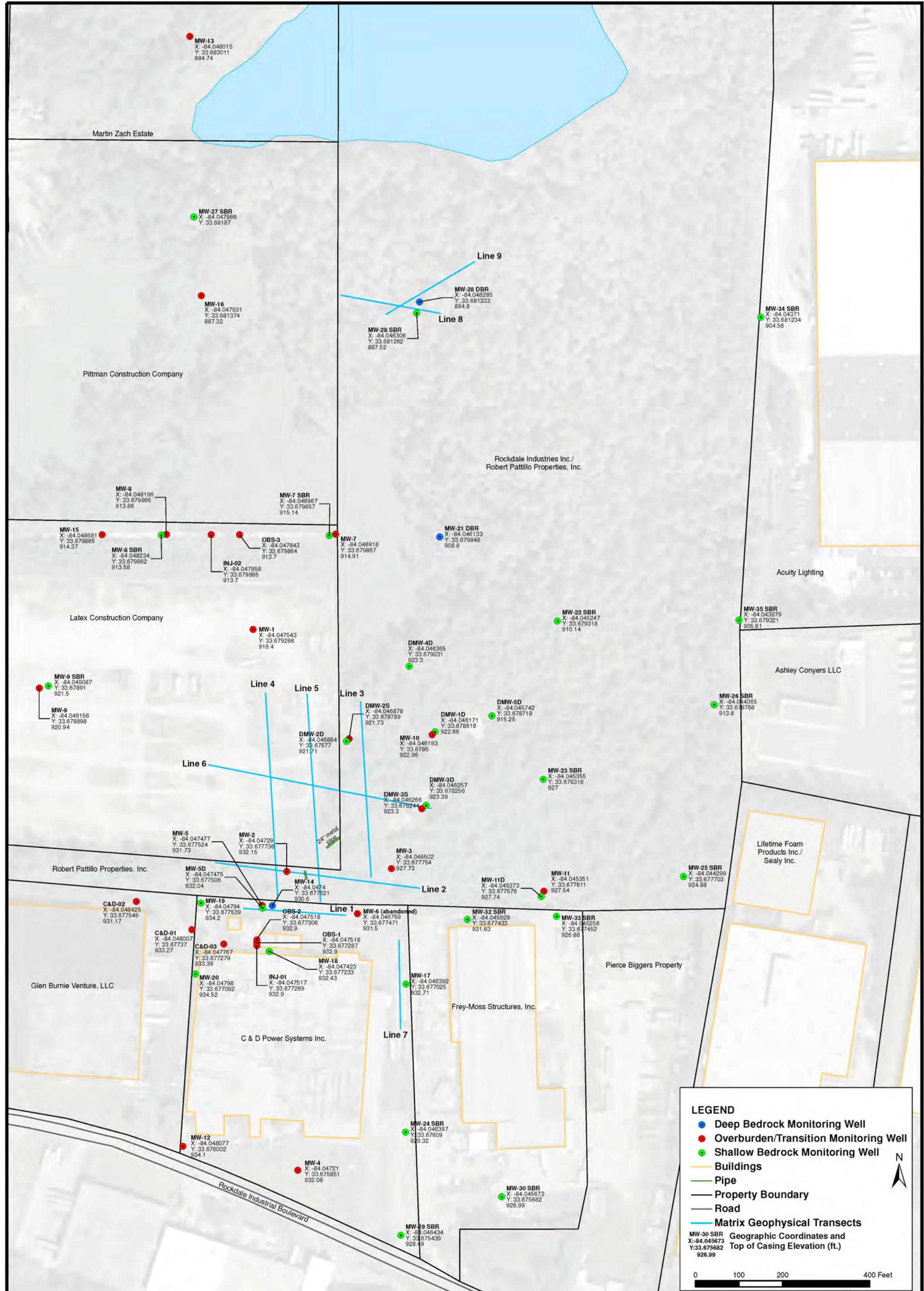
L DATE.

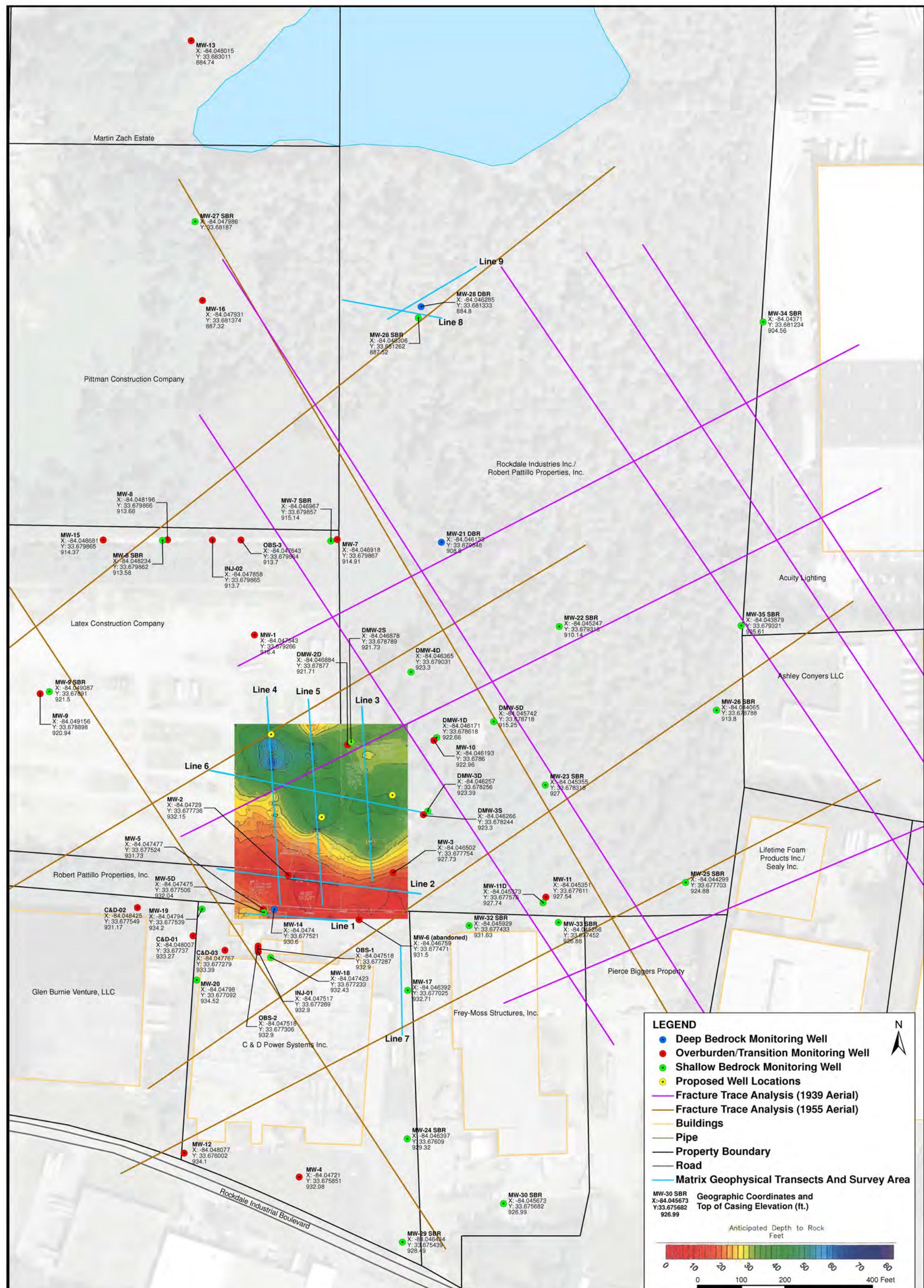
GROUNDWATER TCE/PCE
ANALYTICAL RESULTS JUNE 2009
WITH APPROXIMATE TCE PLUME

PROJECT NO:
20500332
00001

.00001

FIGURE NO.





C & D TECHNOLOGIES, INC.
1835 Industrial Blvd.
Conyers, Georgia

URS

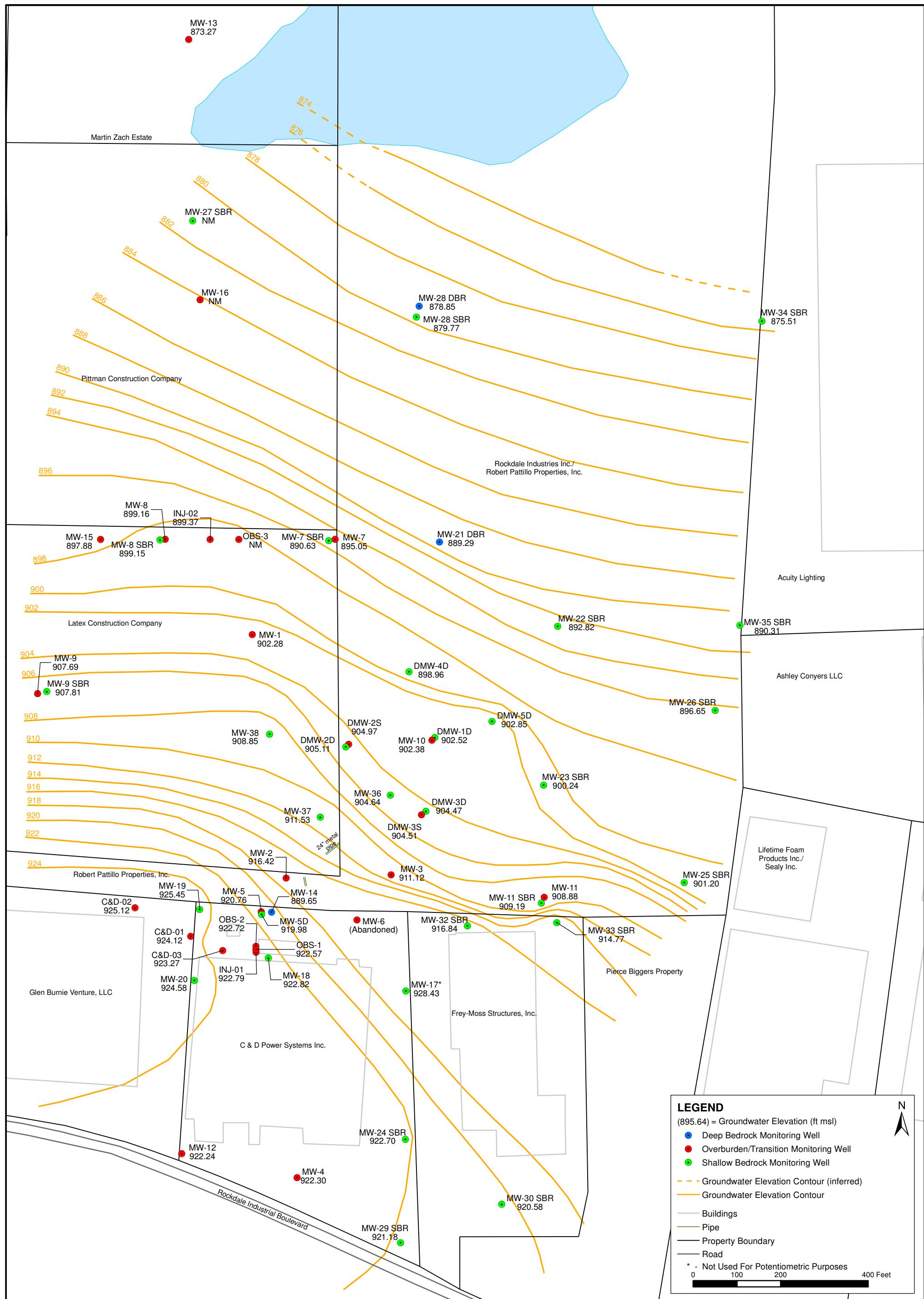
Franklin, Tennessee

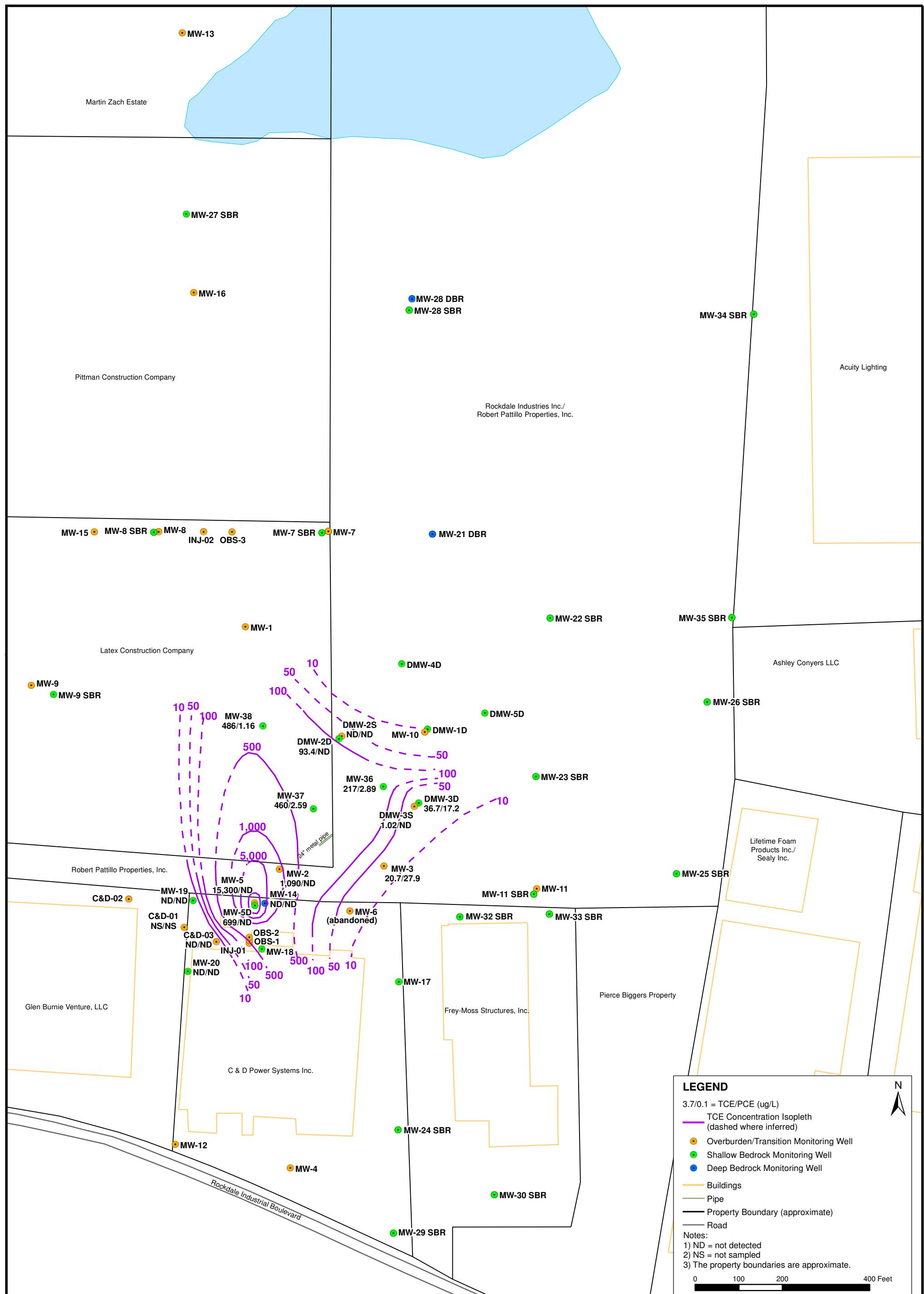
Franklin, Tennessee			
SCALE: 1:2,400 1" = 200'	DRAWN BY:	RL	DATE: 09/01/10
	CHECKED BY:	JW	DATE: 09/01/10

FRACTURE TRACE AND PROPOSED WELL LOCATION MAP

PROJECT NO:
20500332
.00001

FIGURE NO:





C & D TECHNOLOGIES, INC.
1835 Industrial Blvd.
Conyers, Georgia

URS
Franklin, Tennessee

SCALE: 1:2,400 1" = 200'	DRAWN BY: SD	DATE: 01/28/11
	CHECKED BY: JW	DATE: 01/28/11

G:\C_D_Technologies\Conyers Plant\deliverables\Grdwtr_TCE_plume_OCT2010

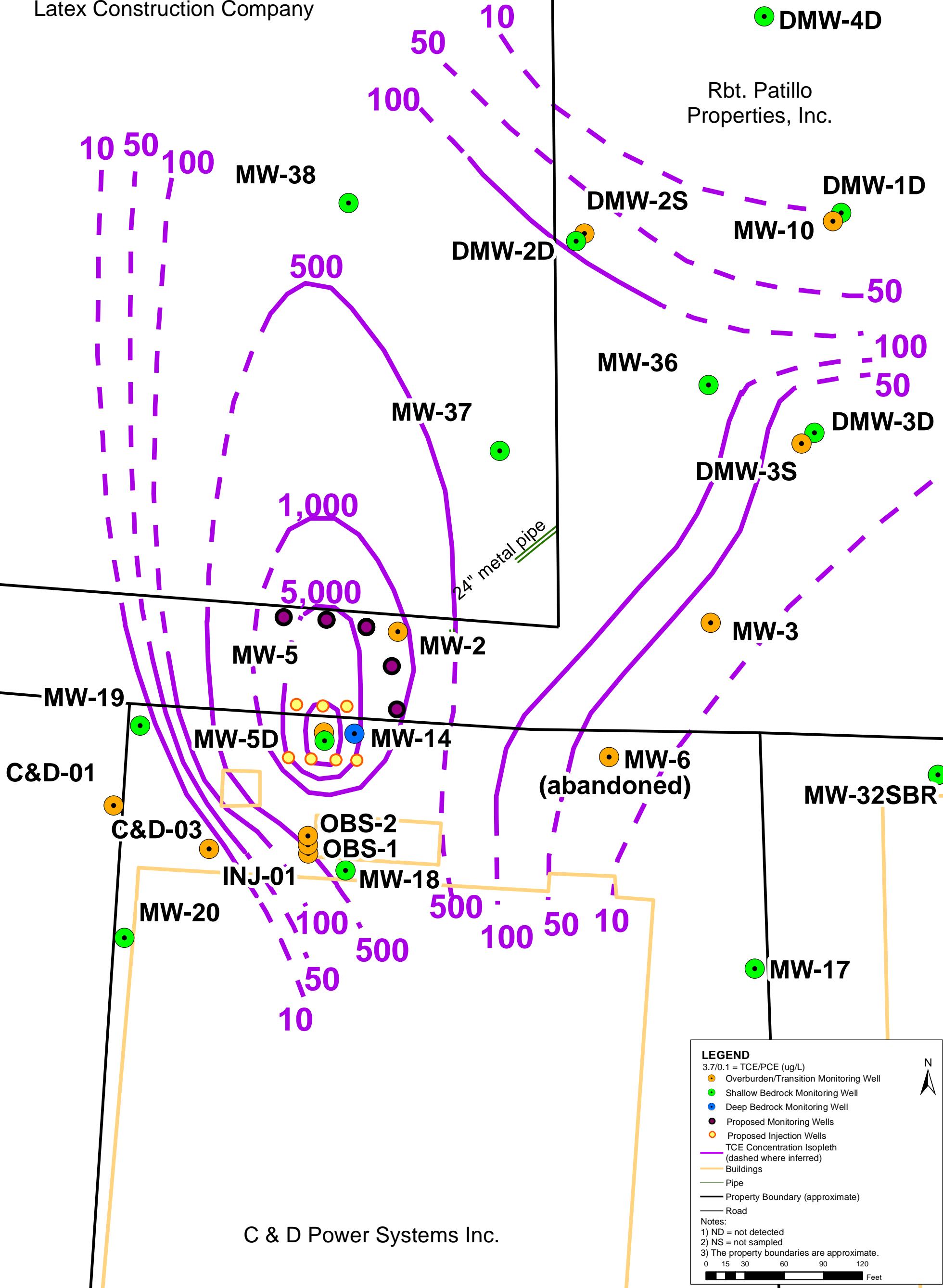
OCTOBER 2010 TCE/PCE
GROUNDWATER ANALYTICAL
RESULTS WITH TCE
CONCENTRATION ISOPLETHS

PROJECT NO:
20500332
.00001

FIGURE NO:
2-4

Latex Construction Company

Rbt. Patillo Properties, Inc.



APPENDIX A

Matrix Engineering Group – Geophysical Survey Summary Report

July 16, 2010



Mr. Dale P. Voykin, PG
URS Corporation
400 Northpark Town Center
1000 Abernathy Road, NE
Suite 900
Atlanta, GA 30328

Re: *Report of the Multi-Channel Analysis of Surface Waves (MASW) Survey*
C&D Technologies
Conyers, Georgia
Matrix Engineering Group Project No. MEG 291067

Mr. Voykin:

Matrix Engineering Group, Inc. (Matrix) has completed a multi-channel analysis of surface waves (MASW) survey for the C&D Technologies site. The scope of the study encompassed the use of non-invasive geophysical techniques to provide an indication of the presence of major subsurface anomalies which may correspond to hydraulically significant features. The subject site, located at 1835 Industrial Boulevard in Conyers, Georgia, included the C&D Technologies property, and several adjacent properties. Our study area included portions of the C&D Technology property, as well as portions of the parcels adjacent to C&D Technologies to the north, including properties owned by Robert Pattillo Properties, Inc. and Latex Construction Company. Figure 1, presented in the appendix of this report, shows a base map of the subject site.

The study area was located adjacent to industrial properties with various sources of ambient noise. Additionally, correspondence with URS representatives, and a review of existing boring log data for the site, indicated the potential for shallow groundwater which may have negatively affected other seismic methods. Accordingly, the MASW method was leveraged because of its robustness in areas with ambient noise, and the reliability of its data below groundwater levels. The MASW survey was used to delineate vertical and horizontal variations in the area's subsurface properties. The data was collected using 4.5-Hz vertical-displacement geophones connected to 24-channel Geode seismographs, manufactured by Geometrics, Inc. A laptop computer was be used to control the seismograph and to perform the initial field processing of the data.

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Tucker, GA 30084
Tel. 770•448•3124
Fax. 770•448•5324
Email. Main@matrixengineeringgroup.com
www.matrixengineeringgroup.com

Once collected, the data was processed in our offices utilizing the SurfSeis v3.0 software package, developed by Kansas Geologic Survey (KGS), to provide the initial 2-D profiles of the shear wave velocity (V_s) for the subsurface. The KGS 2-D V_s profiles were further rendered utilizing Surfer v9.0, developed by Golden Software, in order to depict the subsurface V_s variations in a contoured fashion. These 2-D profiles were then interpreted, and Surfer was used to provide a generalized contoured plan view for the site depicting the anticipated depth to rock layers.

FIELD METHODOLOGY & DATA PROCESSING

The multi-channel analysis of surface waves method (MASW) is a nondestructive seismic method employed to evaluate the linear elastic modulus of subsurface materials. It analyzes dispersion properties of certain types of seismic surface waves (fundamental-mode Rayleigh waves) propagating horizontally along the surface of measurement directly from the impact point (source) to the receivers (geophones). For each shot gathered, a dispersion curve representing the fundamental-mode Rayleigh wave is picked. The curve is inverted to obtain a layered earth (one-dimensional) V_s model representative to the midpoint (MP) of the geophone spread used for each respective shot. A bilinear interpolation gridding algorithm is utilized to assemble the individual 1-D V_s models and generate a two-dimensional V_s profile of the studied area.

For this site, MASW data was acquired across various ground surfaces including asphalt pavement, soil, grass, and gravel. The data acquisition involved the use of two deployment systems; a twenty-four (24) channel land streamer deployment of pressure coupled geophones pulled in tow across the study area, and a forty-eight (48) channel deployment of spike coupled geophones embedded in the ground in lines traversing the study area.

For areas of the site with ground cover consisting of soil, grass, or gravel, (including Lines 2 through 6, 8 and 9) transect lines were cleared across the site utilizing a small dozer, where necessary. At gravel covered areas, picks and hoes were used to expose the soil subgrade. The forty-eight (48) channel system, consisting of two (2) 24-channel Geometrics seismographs connected in sequence with forty-eight (48) 4.5-Hz vertical-displacement, spiked coupled, geophones spaced at 5 ft intervals, was deployed. Data was gathered by electronically rolling through the spread at 5 ft shot intervals, collecting twenty-four soundings, before “leap-frogging” the deployment along the transect to cover the study area.

For paved areas of the site (including Lines 1 and 7), the twenty-four (24) channel land streamer was deployed, towing a line carrying twenty-four (24) 4.5-Hz vertical-displacement, pressure coupled, geophones spaced at 5 ft intervals. The line was pulled along the transect, gathering shots at every 5 ft interval across study area.

A laptop computer (Panasonic Toughbook) was used to control the seismograph and data acquisition and to perform the initial field processing of the data. The seismic source consisted of a 20-lb hammer striking a steel plate positioned at a 50 ft offset from the nearest geophone in the spread. For each line, wooden stakes were installed at the origin and terminus of the transect. A survey of the locations of these stakes was provided by URS at the completion of our field work in order to ascertain accurate locations for each line.

The SurfSeis v3.0 software package, developed by the Kansas Geologic Survey (KGS), was used to process and invert the surface-wave seismic data in addition to generating the two-dimensional depth versus shear wave velocity (V_s) profiles. Different spread lengths (the number of geophones (or traces) analyzed to generate a 1-D V_s profile) were used for the survey, and were determined during the processing phase based on data coherence. For this survey, optimal spread lengths ranged between 18 and 24 traces.

One limitation should be noted when reading a two-dimensional V_s map; the map is an interpolation of several one-dimensional V_s profiles. Therefore, the horizontal resolution is slightly compromised. The map would still depict the varying V_s zone accurately. However, the horizontal zone delineation should not be read literally.

DATA ASSEMBLY & INTERPRETATION

After the KGS 2-D V_s profiles were generated, the images were further rendered utilizing Surfer v9.0, developed by Golden Software, in order to depict the subsurface V_s variations in a contoured fashion. A copy of the profiles, labeled as Line 1 through Line 9 is provided in the appendix of this report. These 2-D contoured V_s profiles were assembled in AutoCAD and set to the appropriate scale, as determined by the provided survey of our wooden stakes.

Matrix's experience with past MASW surveys in the local Piedmont geology, in addition to a review of existing boring log data for the site, provided to us by URS, and a review of literature published by the International Code Council, suggested a V_s for the granitic gneiss local to the geology of this site to be

on the order of 1,400 ft/sec. The 2-D contoured V_s profiles were used to determine the anticipated depth to the rock layer by scaling off the depth from the surface to the 1,400 ft/sec contours at regular intervals across each profile. When determining these measurements, the shallowest depth at which a 1,400 ft/sec contour was encountered was interpreted at the top of the rock layer. Locations of each depth reading were plotted along the surveyed MASW alignments in AutoCAD to determine the coordinates for each reading based on the coordinate system of the provided site survey. These coordinates, and the scaled depths from the 2-D contoured V_s profiles, were used to create a data file in Surfer which was gridded, utilizing kriging as the geostatistical interpolation technique, to generate a generalized contoured plan view for the site depicting the anticipated depth to rock layers.

Data from Lines 1 through 6 was utilized to generate the contour map presented as Figures 2, located in the Appendix of this report; Lines 8 and 9 were used to generate the map presented as Figure 3. Due to spatial separation from the other lines in the survey, Line 7 was not included in any of the contoured plan view models.

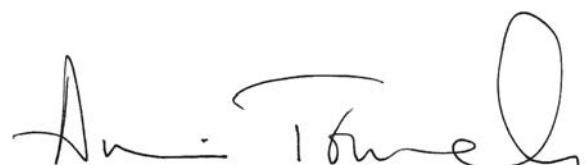
Matrix Engineering Group, Inc. appreciates the opportunity to have worked with URS, Inc., and looks forward to our continued association. If you have any questions or need further assistance, please do not hesitate to call.

Very truly yours,

MATRIX ENGINEERING GROUP, INC.



R. Tyler Smith, EIT
Project Engineer



Amin Tomeh, PE
Senior Geotechnical Engineer
Principal

Distribution: Email(.pdf): Dale Voyken, PG
Craig Bernhoft, PG, CHMM
Dustin Biddle

APPENDIX

Figure 1: Base Map

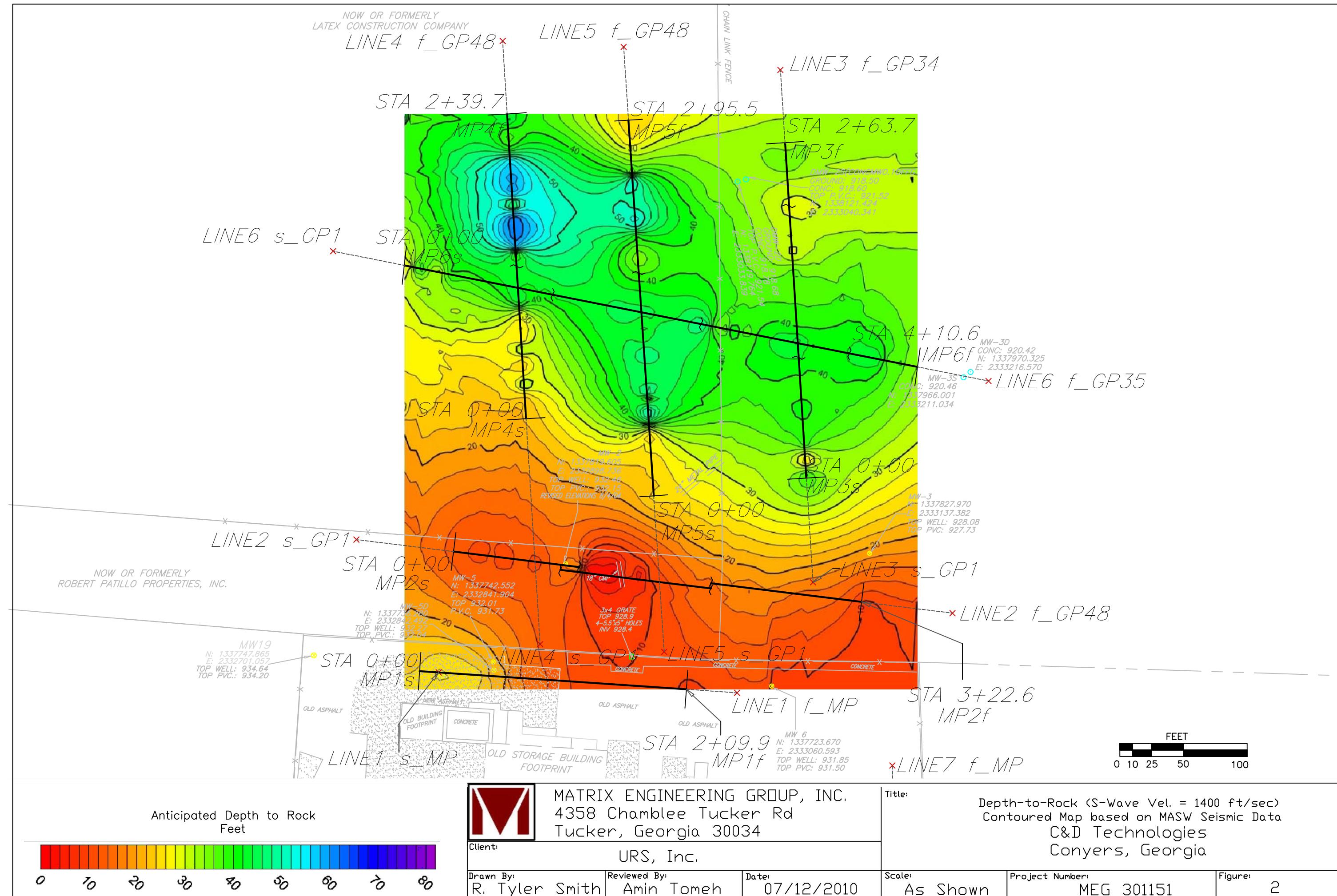
Figure 2: Generalized Depth to Rock Contour Map (Lines 1 through 6)

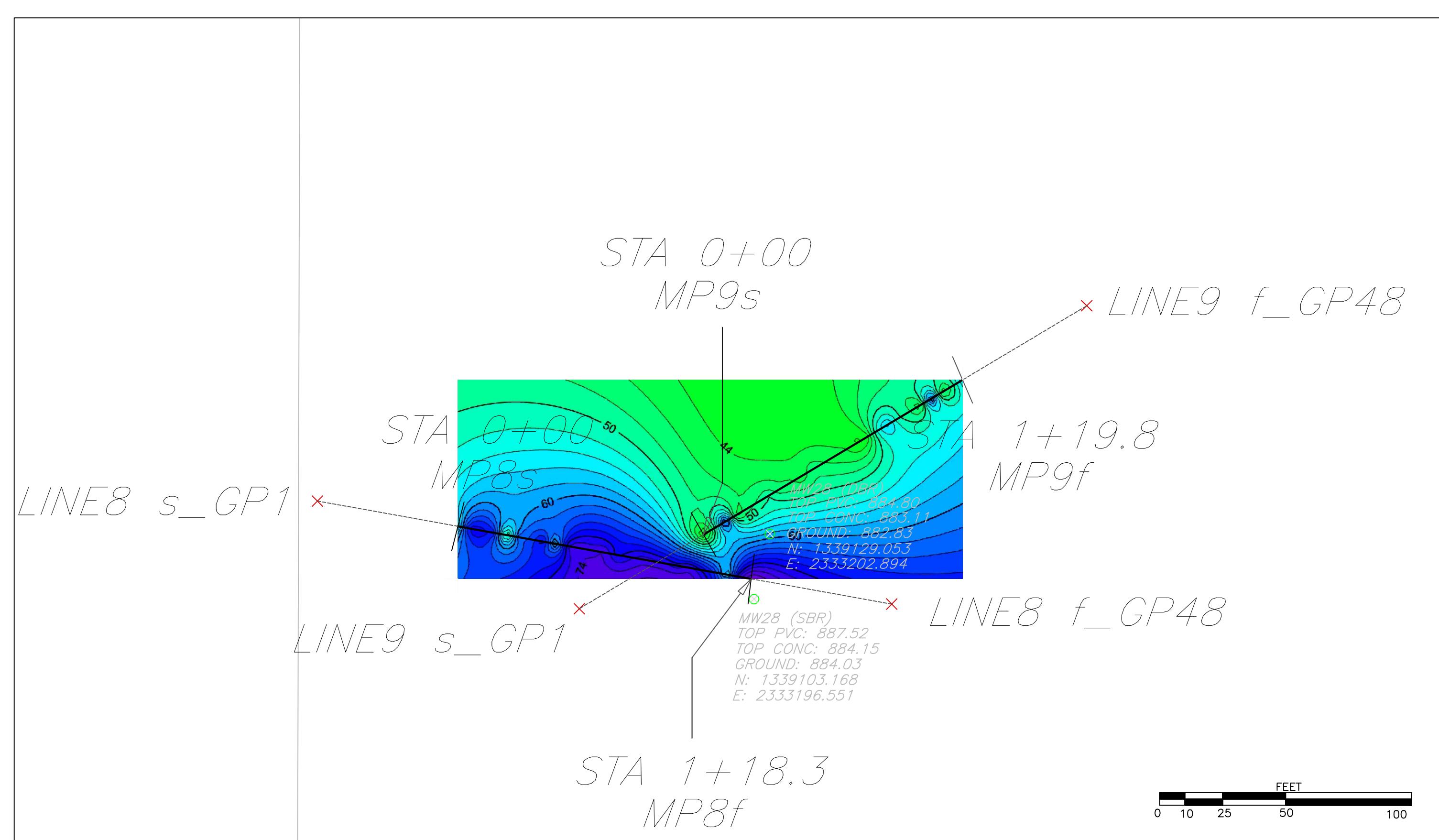
Figure 3: Generalized Depth to Rock Contour Map (Lines 8 and 9)

**2-D Shear Wave Velocity Profile
(Lines 1 through 9)**

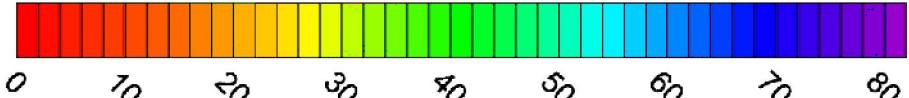


	MATRIX ENGINEERING GROUP, INC. 4358 Chamblee Tucker Rd Tucker, Georgia 30034			Title: Base Map C&D Technologies Conyers, Georgia
	Client: URS, Inc.			
Surveyed By: URS, Inc./MEG	Reviewed By: Amin Tomeh	Date: 06/15/2010	Scale: As Shown	Project Number: MEG 301151
Figure: 1				





Anticipated Depth to Rock
Feet



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

R. Tyler Smith

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

Depth-to-Rock (S-Wave Vel. = 1400 ft/sec)
Contoured Map based on MASW Seismic Data
C&D Technologies
Conyers, Georgia

Scale:

As Shown

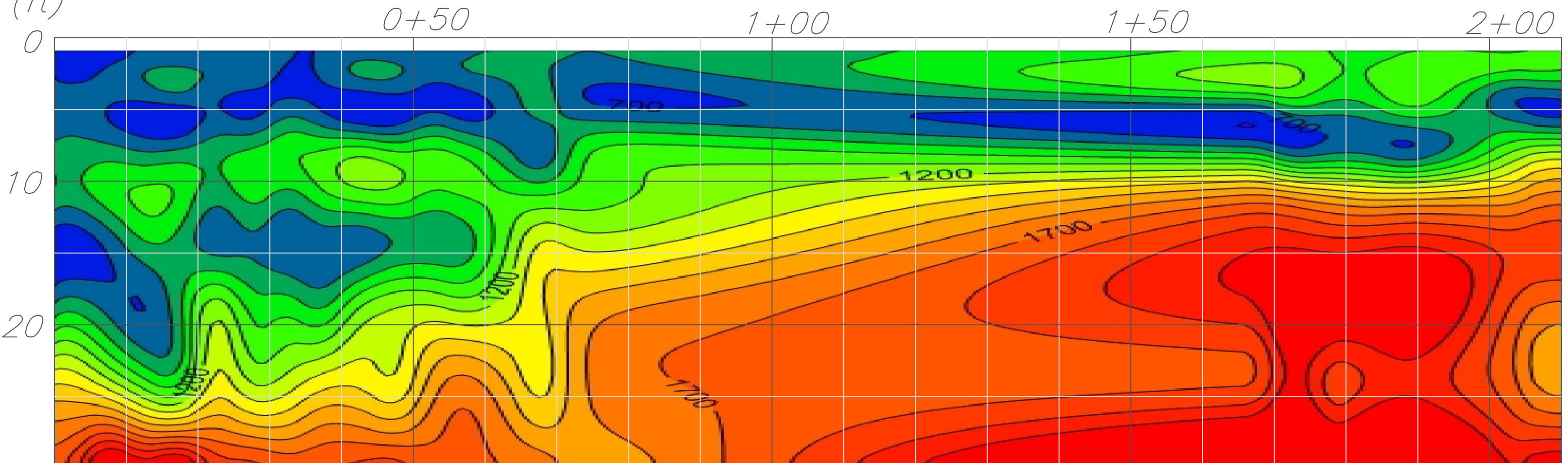
Project Number:

MEG 301151

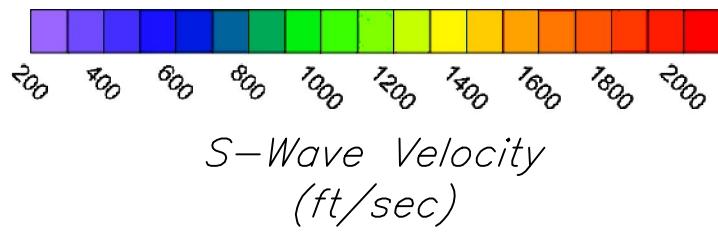
Figure:

3

Depth
(ft)



Line 1



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 1
C&D Technologies
Conyers, Georgia

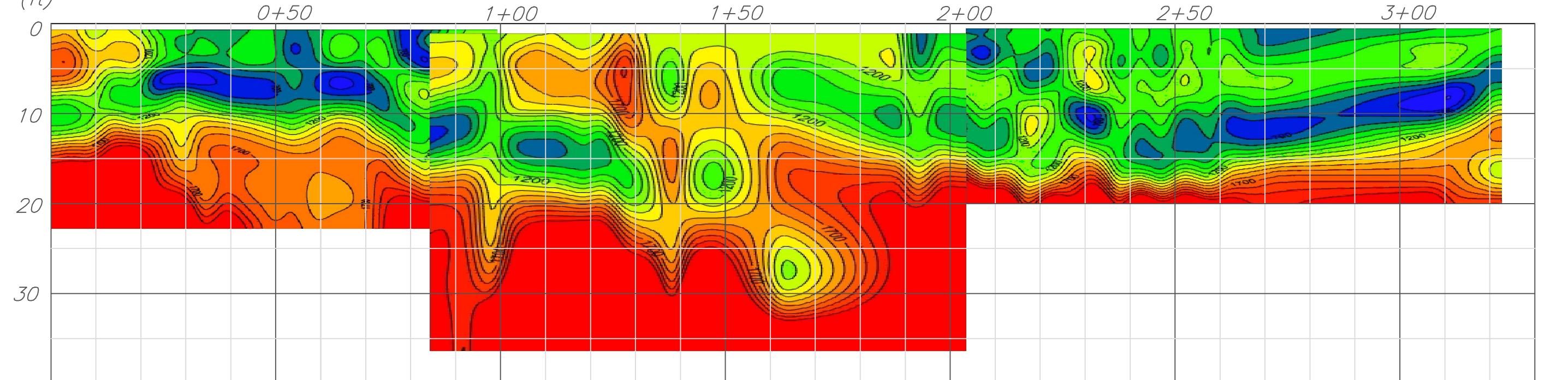
Scale:

As Shown

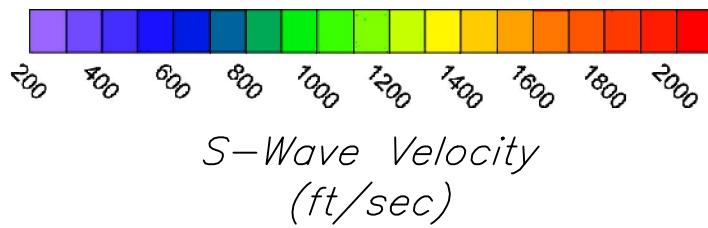
Project Number:
MEG 301151

Figure:
Line 1

Depth
(ft)



Line 2



Client:

MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 2
C&D Technologies
Conyers, Georgia

Scale:

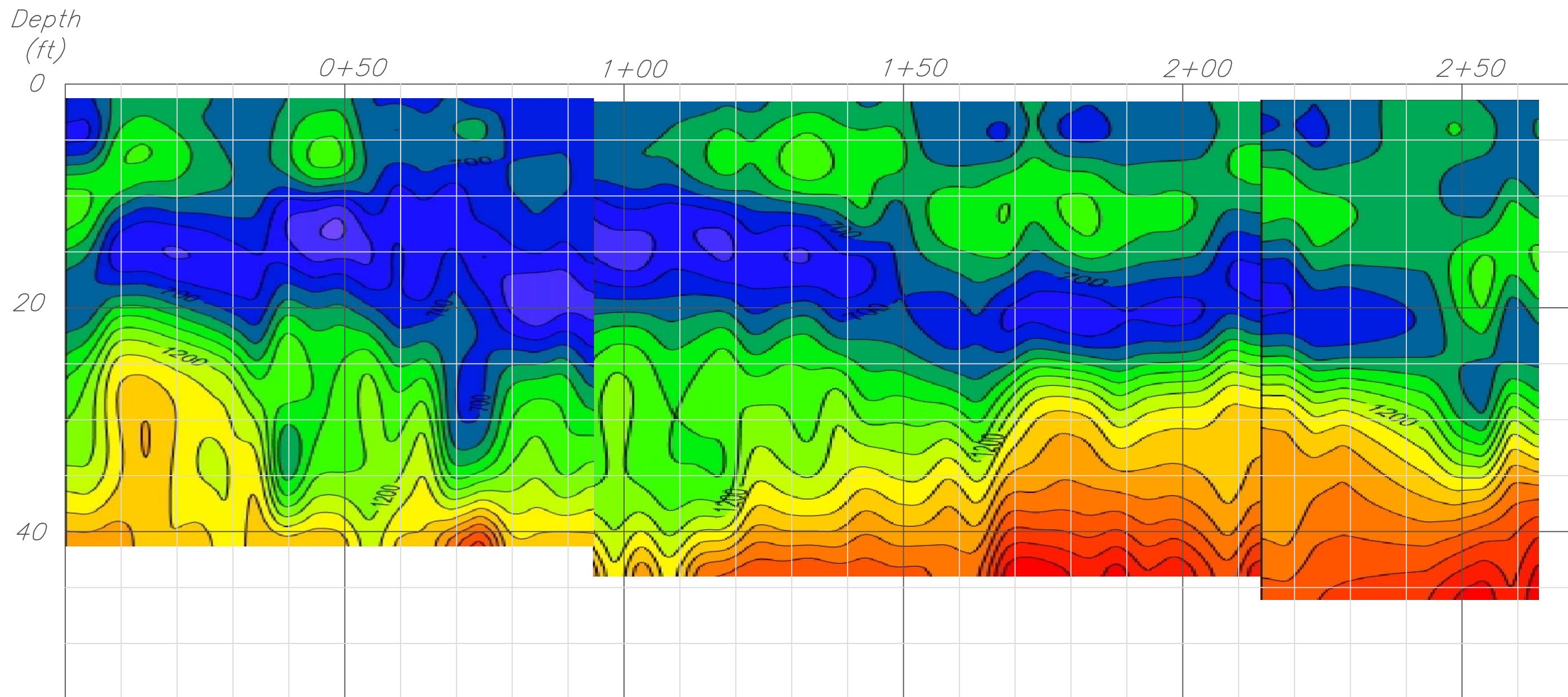
As Shown

Project Number:

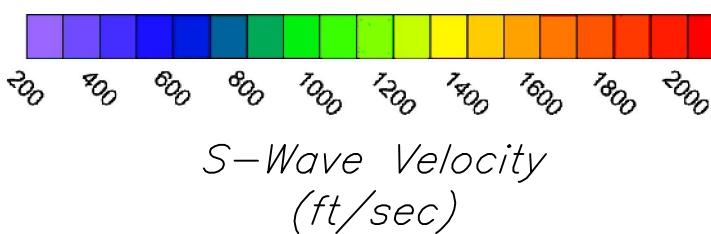
MEG 301151

Figure:

Line 2



Line 3



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 3
C&D Technologies
Conyers, Georgia

Scale:

As Shown

Project Number:

MEG 301151

Figure:
Line 3

Depth
(ft)
0

0+50

1+00

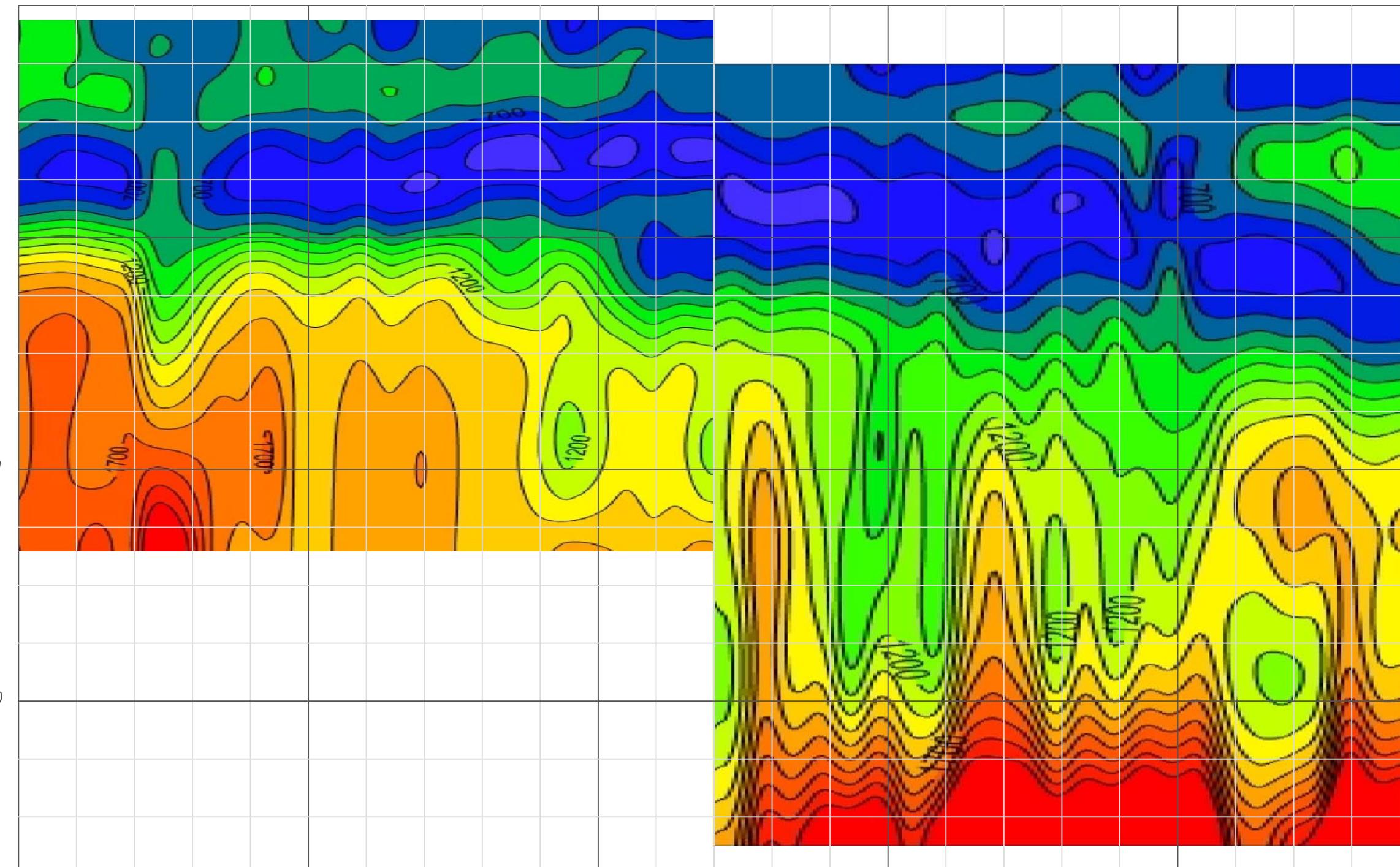
1+50

2+00

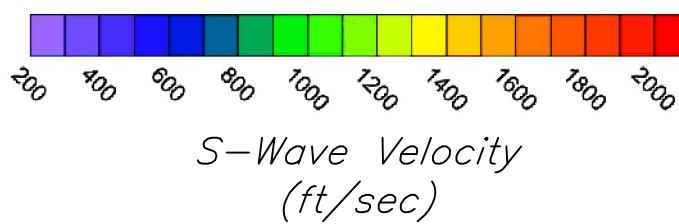
20

40

60



Line 4



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Title:

MASW S-Wave Velocity Contour Profile: Line 4
C&D Technologies
Conyers, Georgia

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Scale:

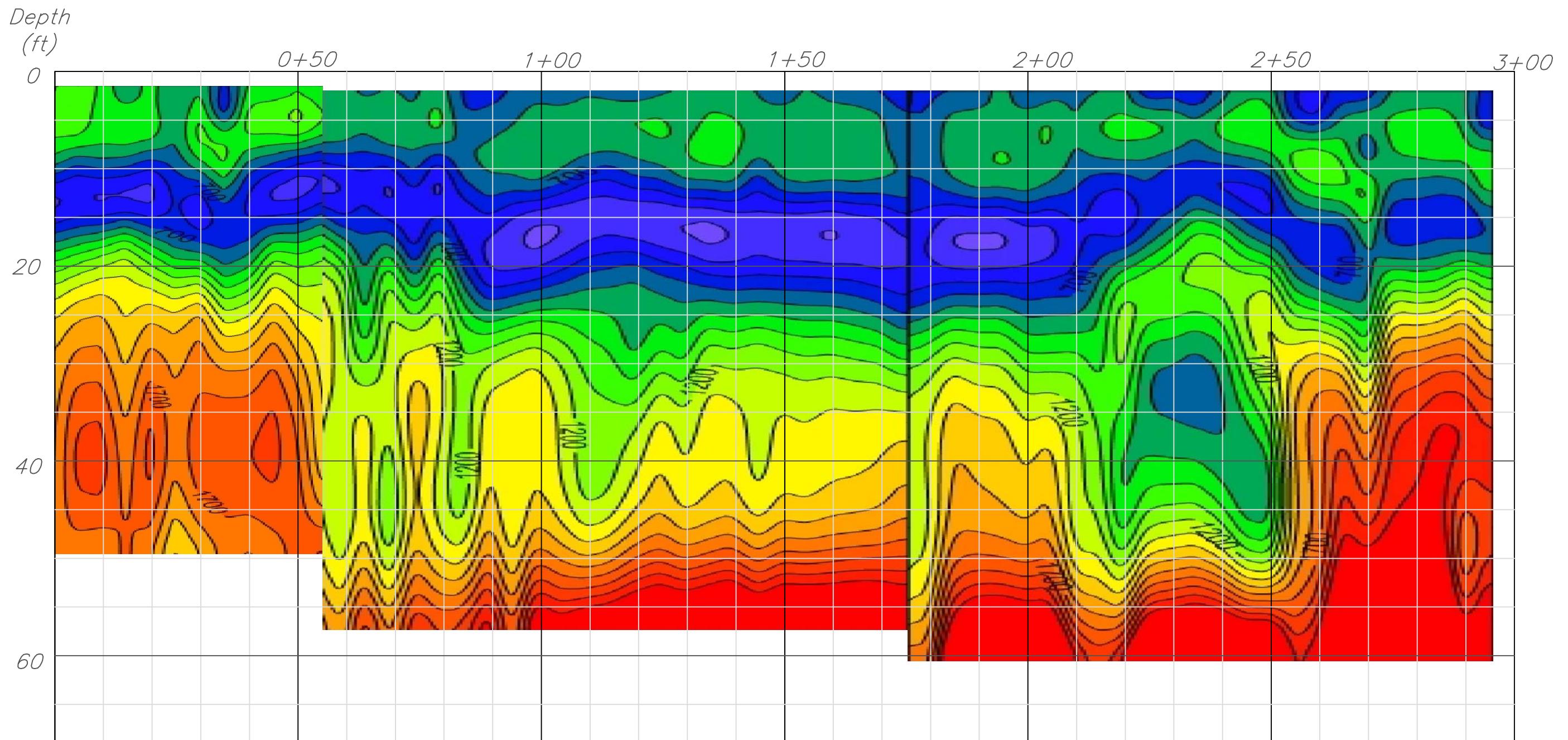
As Shown

Project Number:

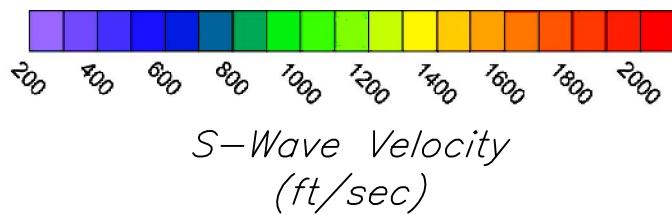
MEG 301151

Figure:

Line 4



Line 5



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 5
C&D Technologies
Conyers, Georgia

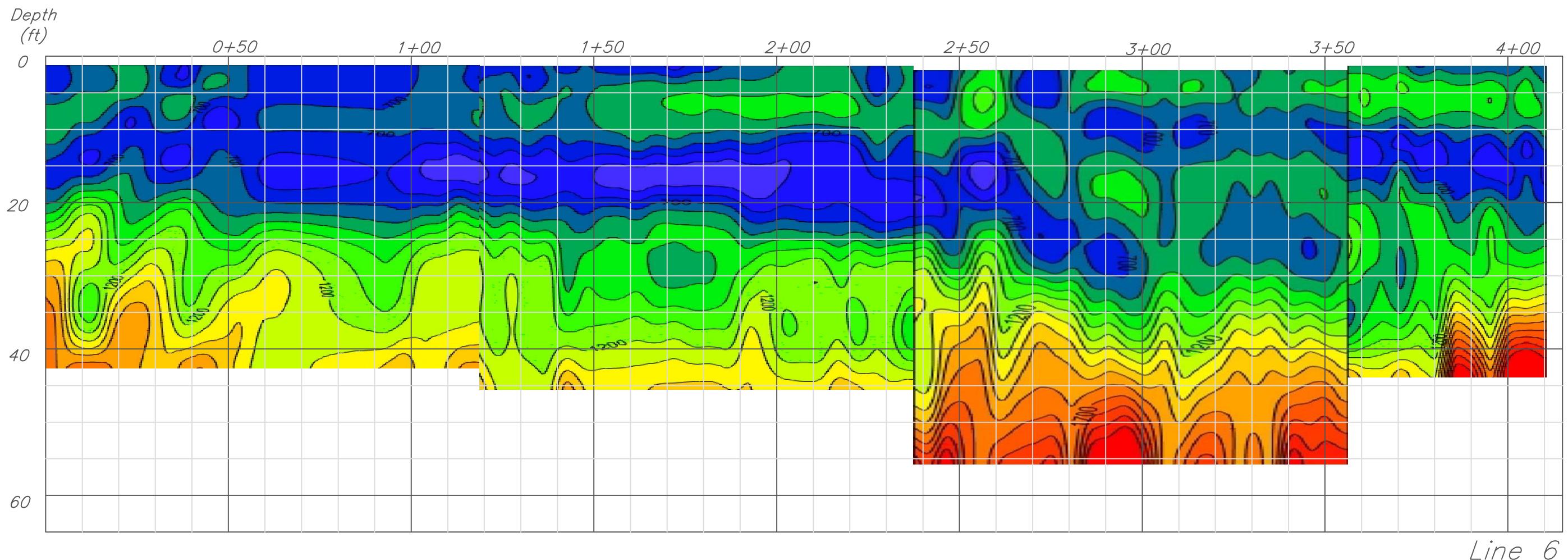
Scale:

As Shown

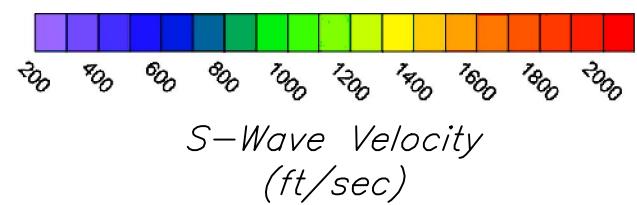
Project Number:

MEG 301151

Figure:
Line 5



Line 6



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 6
C&D Technologies
Conyers, Georgia

Scale:

As Shown

Project Number:

MEG 301151

Figure:

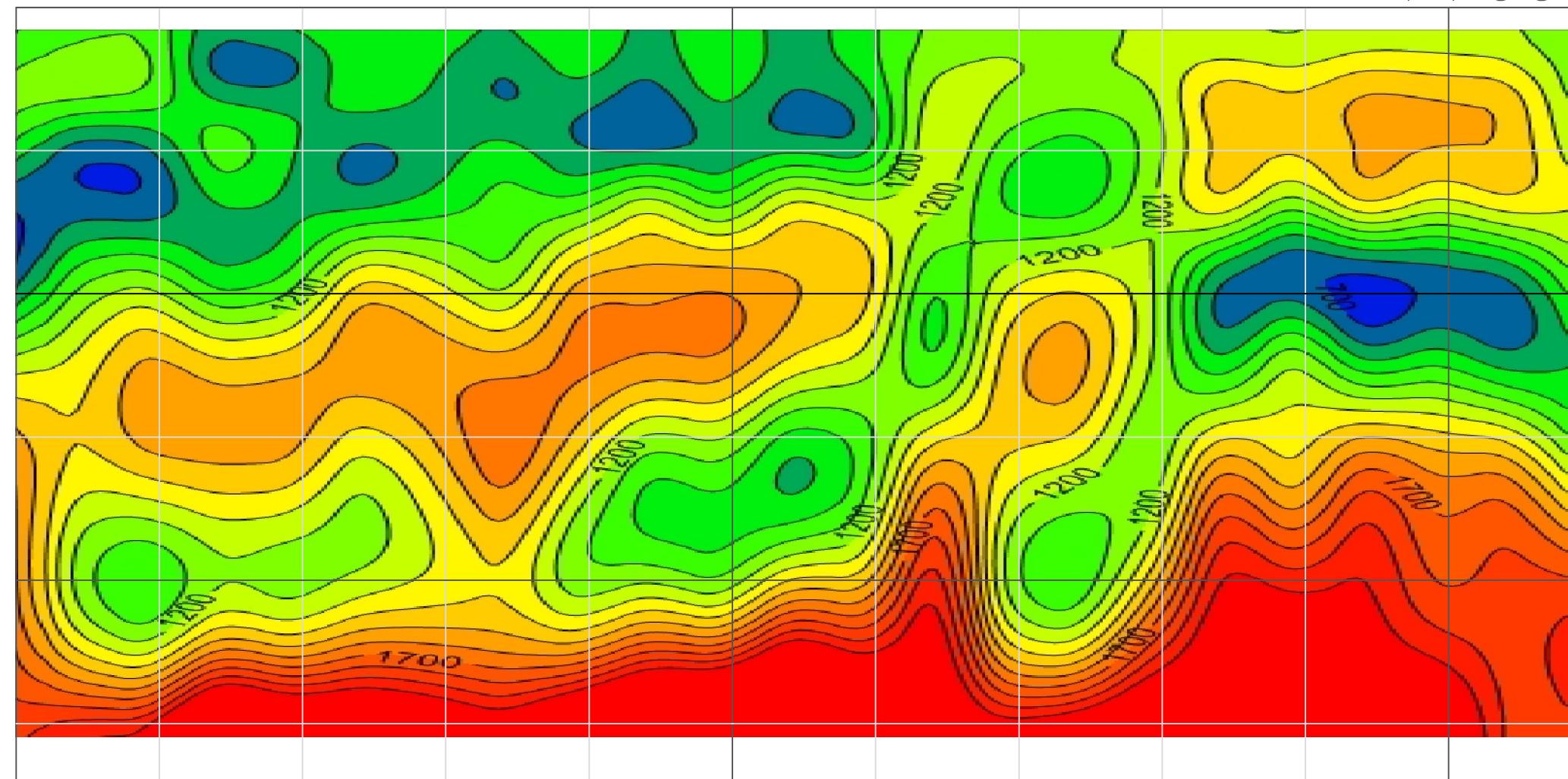
Line 6

*Depth
(ft)*

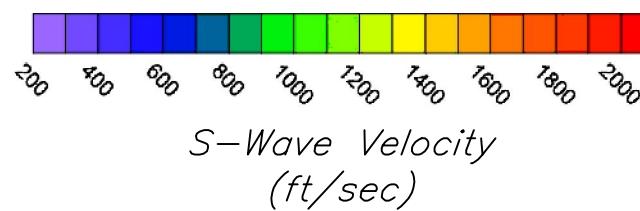
0

10

20



Line 7



Client:

MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 7
C&D Technologies
Conyers, Georgia

Scale:

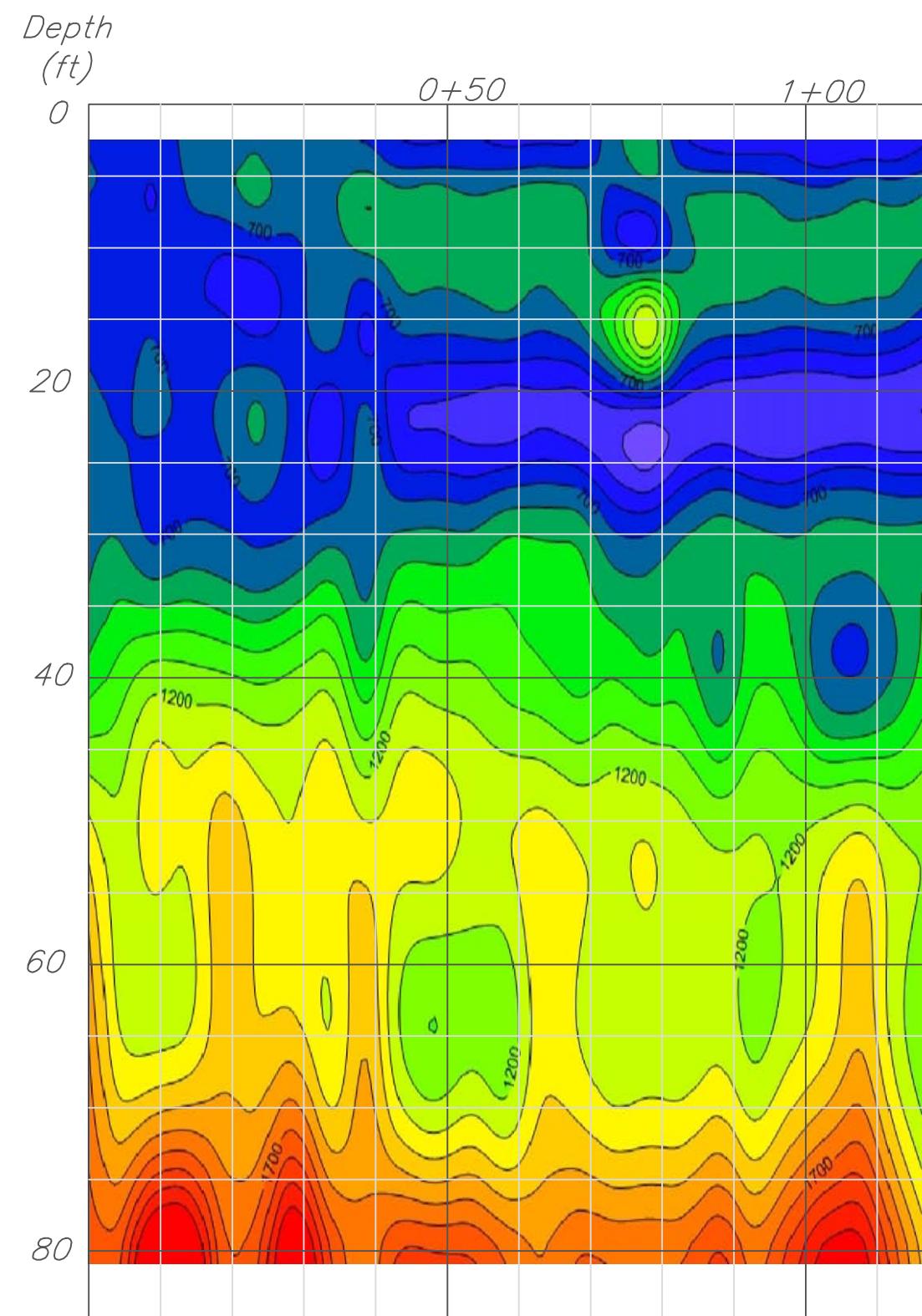
As Shown

Project Number:

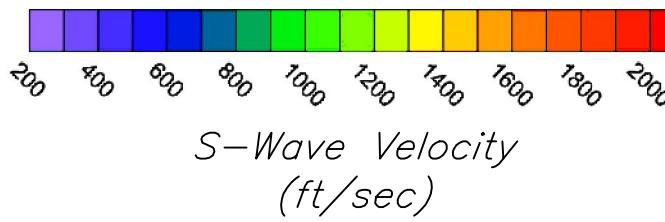
MEG 301151

Figure:

Line 7



Line 8



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 8
C&D Technologies
Conyers, Georgia

Scale:

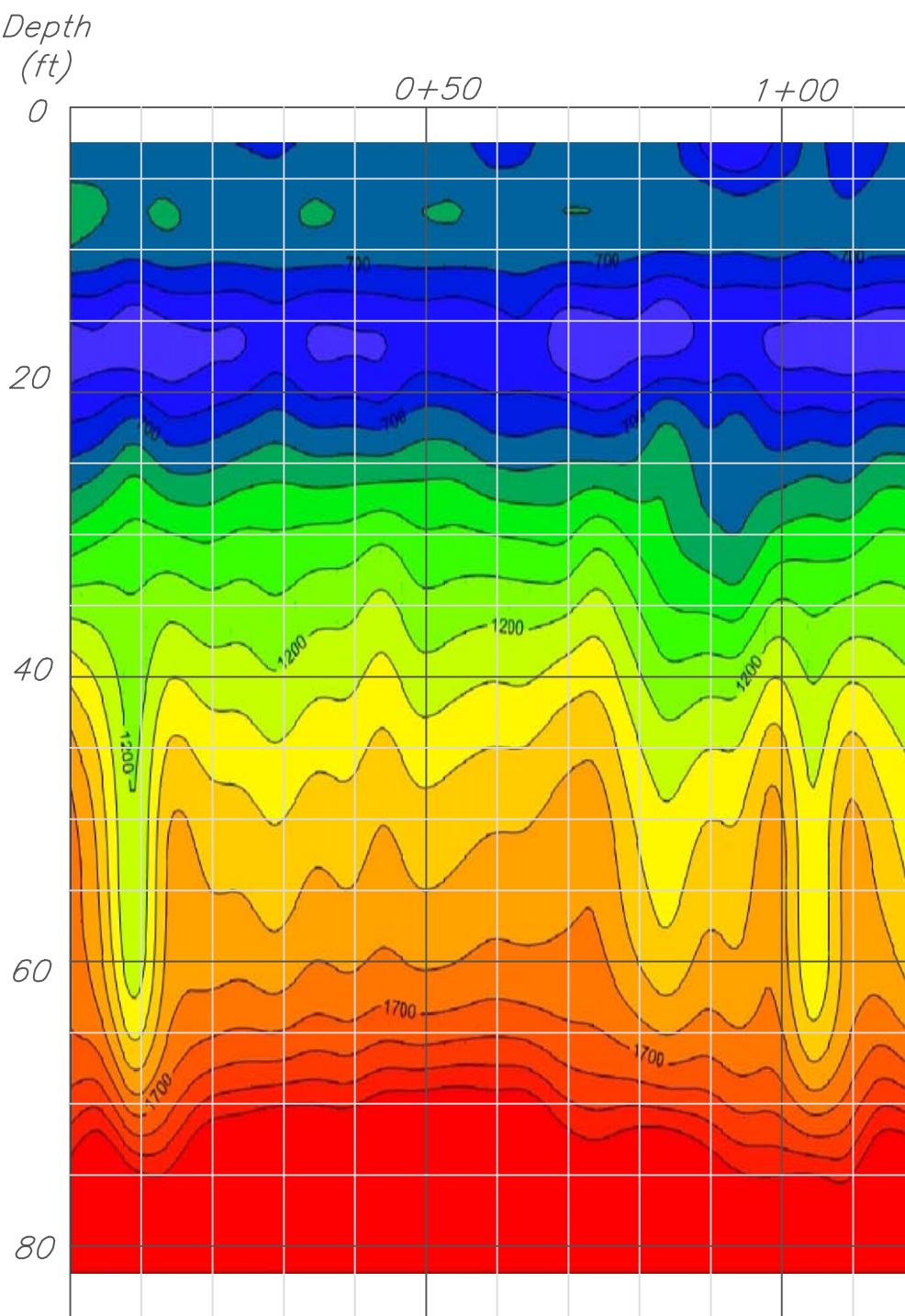
As Shown

Project Number:

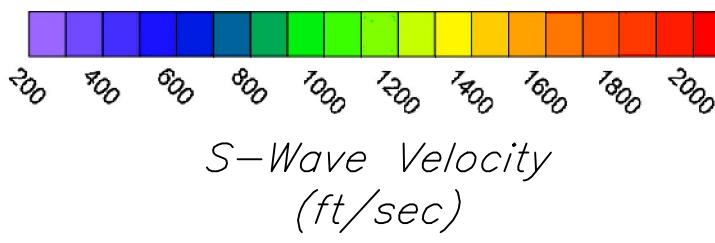
MEG 301151

Figure:

Line 8



Line 9



MATRIX ENGINEERING GROUP, INC.
4358 Chamblee Tucker Rd
Tucker, Georgia 30034

Client:

URS, Inc.

Drawn By:

RTS/AT

Reviewed By:

Amin Tomeh

Date:

07/12/2010

Title:

MASW S-Wave Velocity Contour Profile: Line 9
C&D Technologies
Conyers, Georgia

Scale:

As Shown

Project Number:

MEG 301151

Figure:

Line 9

APPENDIX B

Boring Logs and Well Construction Diagrams

Log of Borehole: MW-36

Client: C&D Technologies

Project No: 20500332

Date: 10/11/11

Project: C&D Technologies - Conyers Plant

Drill Method: Hollow Stem Auger

Start Time: 14:50

Location: Conyers, GA

Logged by: D. Biddle

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
-5					
0		Brown medium grained sandy silt with traces of clay.			
5		Reddish brown medium grained sandy silt with minor clay.			
10		More clay at 9' to 10' bgs.			
15		Light brown medium grained sandy silt with clay.			
18		Light brown silty clay with some sand.			
20		Becoming light brown sandy silt with clay. Some coarse grained sand, slightly moist.			
22		Brown silty clay with some sand.			
					

Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

Comments:

Checked by: CAB

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1000 Corporate Centre Drive
One Corporate Centre, Suite 250
Franklin, TN 37067

Sheet: 1 of 2

Log of Borehole: MW-36

Client: C&D Technologies

Project No: 20500332

Date: 10/11/11

Project: C&D Technologies - Conyers Plant

Drill Method: Hollow Stem Auger

Start Time: 14:50

Location: Conyers, GA

Logged by: D. Biddle

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
26		Saturated with coarse sandy silt.			
31					
36		Borehole heaving coarse grained sand. Same rock encountered @ 36.5' bgs. Switched to roller core bit for drilling.			#2 DSI Silica Sand 2" Slot 10 Screen
41		Cleaned borehole out to 39.4' bgs.			Rock
46		End of Borehole at 46.7 ft			

Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

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1000 Corporate Centre Drive
One Corporate Centre, Suite 250
Franklin, TN 37067

Comments:

Checked by: CAB

Sheet: 2 of 2

Log of Borehole: MW-37

Client: C&D Technologies

Project No: 20500332

Date: 10/12/10

Project: C&D Technologies - Conyers Plant

Drill Method: Hollow Stem Auger

Start Time: 13:40

Location: Conyers, GA

Logged by: D. Biddle

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
-5					
0		Ground Surface			
0		Medium grained sandy silt. Partially weathered rock with small pockets of clay. Mica. Grey, brown, light orange.			
5		Faint odor at 6'-7' bgs. Not detected in split spoon sample.			
10		Medium grained sandy silt. Partially weathered rock, gneiss/granite, mica and some coarse grained sand. Grey / brown.			
13		Moist @ 13' bgs.			
18.5		Moist @ 18.5' bgs.			
20					

Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

Comments:

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One Corporate Centre, Suite 250
Franklin, TN 37067

Sheet: 1 of 3

Log of Borehole: MW-37

Client: C&D Technologies

Project No: 20500332

Date: 10/12/10

Project: C&D Technologies - Conyers Plant

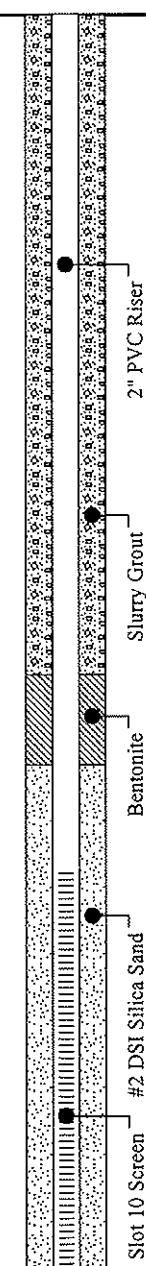
Drill Method: Hollow Stem Auger

Start Time: 13:40

Location: Conyers, GA

Logged by: D. Biddle

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
22		Spoon was saturated @ 22' bgs.			
25		Coarse silty sand. Mica with small fragments of quartz. Brown, grey, white.			
29		Spoon was saturated @ 29' bgs.			
35					
39		Spoon was saturated at 39' bgs. Slightly more quartz present.			
44		Quartz lens @ approximately 44' to 44.5' bgs with medium to large quartz fragments.			
45					



Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

Comments:

Checked by: CAB

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1000 Corporate Centre Drive
One Corporate Centre, Suite 250
Franklin, TN 37067

Sheet: 2 of 3

Log of Borehole: MW-37

Client: C&D Technologies

Project No: 20500332

Date: 10/12/10

Project: C&D Technologies - Conyers Plant

Drill Method: Hollow Stem Auger

Start Time: 13:40

Location: Conyers, GA

Logged by: D. Biddle

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
46.7		Auger refusal @ 46.7' bgs.			
49.2		First core run - 46.7' to 50.3' bgs. Fracture joint @ 49.2' bgs.			
50		3.6' total recovery, 100% RQD Biotite gneiss			
50.3		Second core run - 50.3' to 55' bgs. Fracture joint @ 54.6' bgs.			
55		4.7' total recovery, 96% RQD.			
55		Third core run - 55' to 60' bgs. Fracture joint @ 59.7' bgs.			
60		5.0' total recovery, 84% RQD.			
64.55		Recovered 4.8', 96% recovery - 86% RQD. Grey light colored granite gneiss, banded quartz/mica. Coarse grained interlocked biotite, slightly fractured - core pieces range from 0.5 to 1.5. Very hard, slightly to moderately weathered.			
64.55		Fractures @ 64.55', 62.9', 62.4', 61.3' and 60.8'.			
65.1		End of Borehole at 65.1 ft			
70					

Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

Comments:

Checked by: CAB

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One Corporate Centre, Suite 250
Franklin, TN 37067

Sheet: 3 of 3

Log of Borehole: MW-38

Client: C&D Technologies

Project No: 20500332

Date: 10/14/10

Project: C&D Technologies - Conyers Plant

Drill Method: Hollow Stem Auger

Start Time: 13:15

Location: Conyers, GA

Logged by: C. Bernhoft

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
-5					
0		Crushed stone at surface. Dark brown silty clay.			
5		More tan with increasing silt and sandy clay.			
10		Tan and yellow-tan fine to coarse grained silty sand. Shelby Tube 8' to 10' bgs. - 50% recovery.			
15					
20					

Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

Comments:

Checked by: JW



URS Corporation
1000 Corporate Centre Drive
One Corporate Centre, Suite 250
Franklin, TN 37067

Sheet: 1 of 2

Log of Borehole: MW-38

Client: C&D Technologies

Project No: 20500332

Date: 10/14/10

Project: C&D Technologies - Conyers Plant

Drill Method: Hollow Stem Auger

Start Time: 13:15

Location: Conyers, GA

Logged by: C. Bernhoft

SUBSURFACE PROFILE			SAMPLE		Well Construction
Depth (ft)	Symbol	Description	PID	Sample Depth	
25		Some sapprolite. Slightly harder drilling. Light tan coarse sand with silt.			
30		Wet, light tan very silty sand.			
35		Sapprolite layer.			
40		Softer drilling. Shelby tube 38' to 40' bgs. - 100% recovery. Saturated. Auger refusal on rock @ 40.5' bgs.			#2 DSI Silica Sand 2" Slot 10 Screen Bentonite Slurry Grout 2" PVC Riser
45		End of Borehole at 40.5 ft			

Note: Descriptions are based on observations and hand testing of grab samples. Mechanical test were not performed unless otherwise stated.

Comments:

Checked by: JW

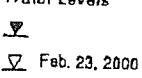
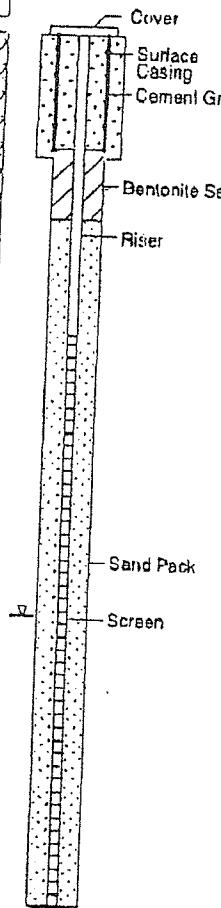


URS Corporation
1000 Corporate Centre Drive
One Corporate Centre, Suite 250
Franklin, TN 37067

DEC-02-2003 13:20 FROM C&D-MOTIVE POWER

TO 915409859538

P.03/05

 ENTACT, Inc. 1616 Corporate Court # 150 Irving, TX 75038		LOG OF BORING ENT MW-2 (Page 1 of 1)		
C&D Technology 1835 Industrial blvd. Conyers, GA Project # D656		Date Completed : 2/10/2000 Hole Diameter : 8 inches Drilling Method : Auger Sampling Method : Split-Spoon Company Rep. : Environmental Exploration		
Depth in Feet	Water Levels		Well: ENT MW-2 Elev.: 929.25 TOC Well Construction Information	
	☒ Feb. 23, 2000			
	DESCRIPTION	GRAPHIC		
0	Silty clayey SAND, medium to coarse grained, very dark brown, soft to firm, dry to moist, occasional rock fragments, no odor	 <p>The diagram illustrates the borehole structure and soil profile. It shows a vertical borehole with various components labeled from top to bottom: Cover, Surface Casing, Cement Grout, Bentonite Seal, Riser, Sand Pack, and Screen. The borehole is surrounded by a hatched area representing the soil layers. A scale bar indicates depth in feet from 0 to 20.</p>	WELL CONSTRUCTION Date Compl. : 02/10/2000 Hole Diameter : 8 inches Drill. Method : Hol. Stem Auger Company Rep. : Environmental Exploration WELL CASING Material : PVC Diameter : 2 inches Joints : threaded WELL SCREEN Material : PVC Diameter : 2 inches Joints : threaded Opening : .010 slot SAND PACK Material : 20/40 quartz ANNULUS SEAL Material : bentonite pellets and Portland cement	
5	Encountered thin rock layer or rocks		NOTES Total Depth 15.22 feet Rock refusal	
5	Increase in sand content, light brown, loose to firm, moist, no odor			
10	Increase in moisture, increase rock fragments to 15 feet, no odor			
15	Bedrock, hard, drill refusal			
	End of Boring			

03-26-2000 C:\TEMP\PAW\#2.BOR

CD002205

BORING LOG

BORING NO.: MW- 17	ELEVATION - TOP OF CASING:	DATE OF BORING: 05/24/05	
PROJECT: C&D Technologies			
LOCATION: Conyers, Georgia			
TYPE OF BORING: Air rotary	OBSERVER: Robert W. List		
DRILLING CONTRACTOR: SGS			
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)
0	Asphalt, road base rock.		
5			
10			
15	Solid, dense bedrock. No moisture/ no water.		
20			
25			
30			
35	Total Depth: 32.0 feet		
40			
45			
NOTES:		FAULKNER & FLYNN <small>ENVIRONMENTAL MANAGEMENT CONSULTANTS</small> <small>A RUTHERFORD COMPANY</small>	

MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-17 JOB NO.: CDT.438.606 DATE: 05/24/05
 PROJECT: C&D Technologies
 SITE LOCATION: Conyers, Georgia MANAGER: Robert W. List
 DRILLING CONTRACTOR: SGS

FAULKNER & FLYNN
ENVIRONMENTAL MANAGEMENT CONSULTANTS
 A ROTHERFORD COMPANY

GENERALIZED STRATIGRAPHY:

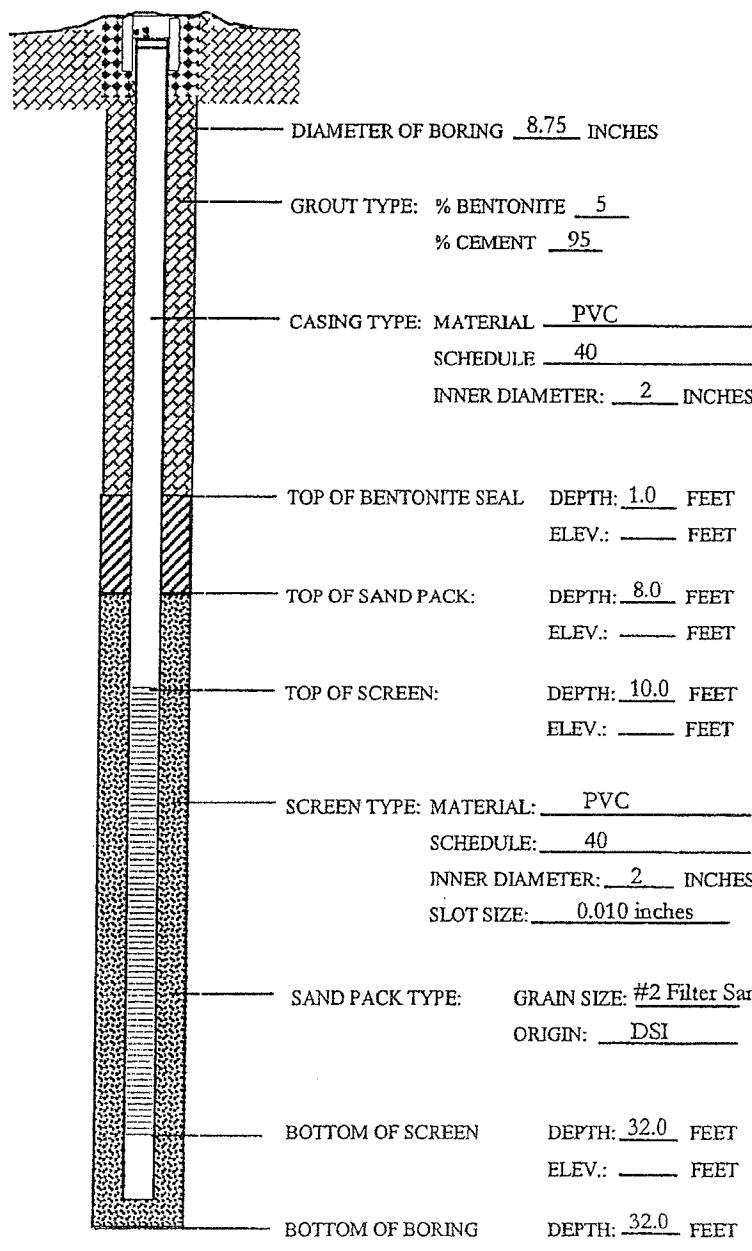
0 – 0.5': Asphalt, road base rock.
 0.5 – 32': Solid, dense bedrock.

No moisture/no
 water.

ELEVATIONS: GROUND SURFACE: _____

TOP OF CASING: _____

NOTCH: _____



BORING LOG

BORING NO.: MW- 18	ELEVATION - TOP OF CASING:	DATE OF BORING: 05/24/05			
PROJECT: C&D Technologies					
LOCATION: Conyers, Georgia					
TYPE OF BORING: Air rotary		OBSERVER: Robert W. List			
DRILLING CONTRACTOR: SGS					
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)		
0	Asphalt.				
	Sandy clay.				
5	Bedrock. Fractures at 13 feet and 18 feet. Abundant water at 19 feet.				
10					
15					
20					
25	Total Depth: 23.0 feet				
30					
35					
40					
45					
NOTES:			FAULKNER & FLYNN <small>ENVIRONMENTAL MANAGEMENT CONSULTANTS</small> <small>A RUTHERFORD COMPANY</small>		

MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-18 JOB NO.: CDT.438.606 DATE: 05/24/05
 PROJECT: C&D Technologies
 SITE LOCATION: Conyers, Georgia MANAGER: Robert W. List
 DRILLING CONTRACTOR: SGS

FAULKNER & FLYNN
ENVIRONMENTAL MANAGEMENT CONSULTANTS
 A RUTHERFORD COMPANY

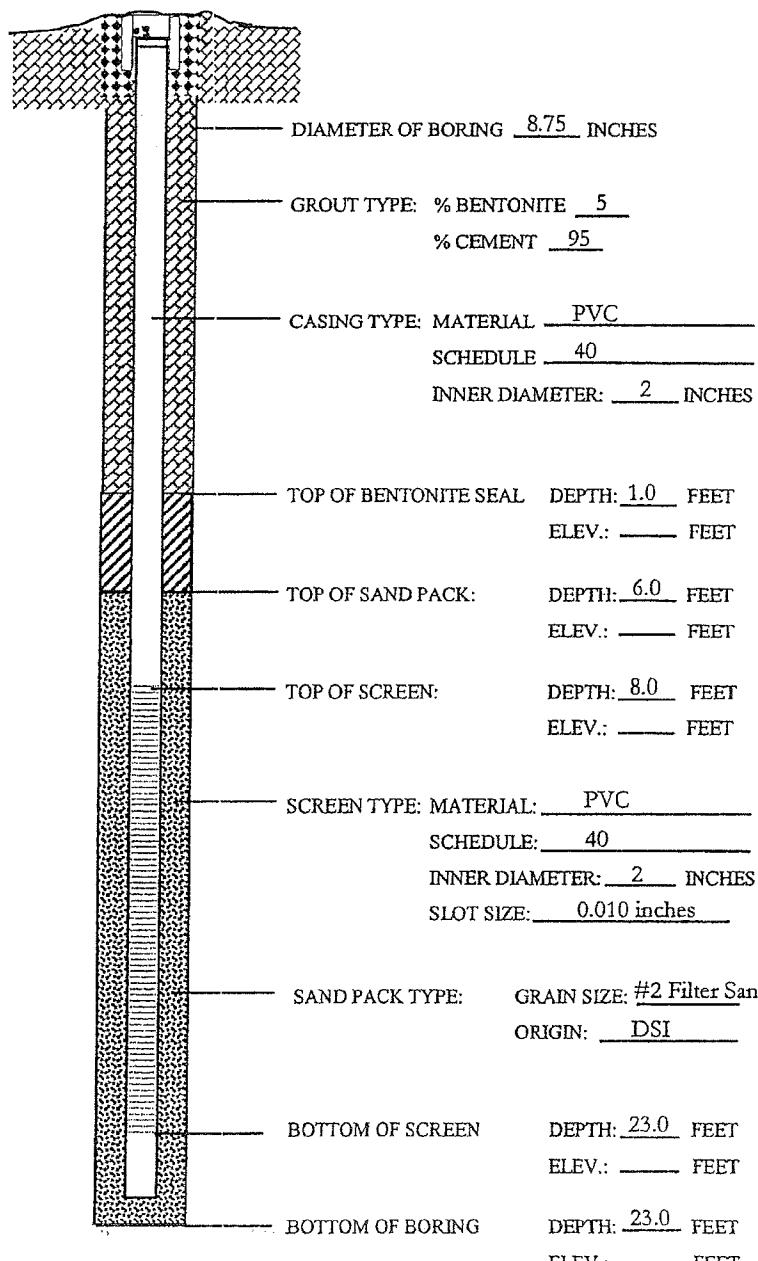
GENERALIZED STRATIGRAPHY:

0 - 0.5': Asphalt, road base rock.
 0.5 - 5': Sandy clay.
 5' - 23': Bedrock: fractures at
 13 feet and 18 feet.
 Abundant water at 19
 feet.

ELEVATIONS: GROUND SURFACE: _____

TOP OF CASING: _____

NOTCH: _____



BORING LOG

BORING NO.: MW-19	ELEVATION - TOP OF CASING:	DATE OF BORING: 05/25/05	
PROJECT: C&D Technologies			
LOCATION: Conyers, Georgia			
TYPE OF BORING: Air rotary	OBSERVER: Robert W. List		
DRILLING CONTRACTOR: SGS			
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)
0	Asphalt.		
5	Rock at 6 feet.		
10	Thin fracture zone at 11 feet.		
15	Fractures with water at approximately 17 feet.		
20			
25	Total Depth: 23 feet at refusal.		
30			
35			
40			
45			
NOTES:	FAULKNER & FLYNN <small>ENVIRONMENTAL MANAGEMENT CONSULTANTS</small> <small>A RUTHERFORD COMPANY</small>		

MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-19 JOB NO.: CDT.438.606 DATE: 05/24/05
 PROJECT: C&D Technologies
 SITE LOCATION: Conyers, Georgia MANAGER: Robert W. List
 DRILLING CONTRACTOR: SGS

FAULKNER & FLYNN
ENVIRONMENTAL MANAGEMENT CONSULTANTS
A RUTHERFORD COMPANY

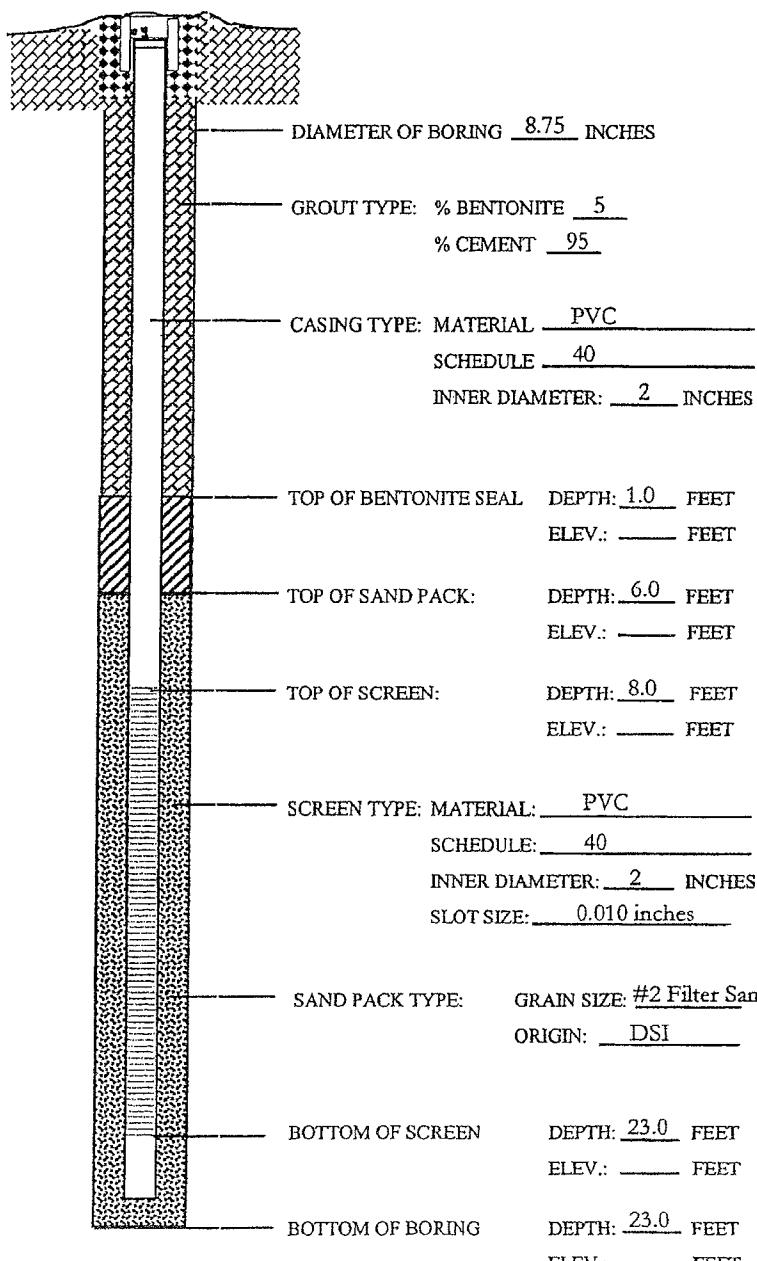
GENERALIZED STRATIGRAPHY:

6': Rock.
 11': Thin fracture zone.
 Fractures with water at approximately 17 feet.

ELEVATIONS: GROUND SURFACE: _____

TOP OF CASING: _____

NOTCH: _____



BORING LOG

BORING NO.: MW- 14	ELEVATION - TOP OF CASING:	DATE OF BORING: 09/30/04	
PROJECT: C&D Technologies			
LOCATION: Conyers, Georgia			
TYPE OF BORING: Air Rotary	OBSERVER: Robert List		
DRILLING CONTRACTOR: Southeast Geological Services			
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)
0	Cuttings/fill from previous boring.		
5			
10	Fractured, weathered bedrock.		
15			
20			
25	Hard, dense, competent granitic bedrock.		
30			
35			
40	92 - 98': Fracture gone. Softer. Increased drilling rate.		
45	98 - 100': Hard, dense, competent granitic bedrock.		
	Total Depth: 100 feet		
NOTES:	No groundwater encountered.		
	FAULKNER & FLYNN <small>ENVIRONMENTAL MANAGEMENT CONSULTANTS</small>		

Micaceous saprolite.

Harder.

CD002228

MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-14 JOB NO.: CDT.438.556 DATE: 09/30/04
 PROJECT: C&D Technologies

SITE LOCATION: Conyers, Georgia MANAGER: Robert List
 DRILLING CONTRACTOR: Southeast Geological Services

FAULKNER & FLYNN
 ENVIRONMENTAL MANAGEMENT CONSULTANTS

GENERALIZED STRATIGRAPHY:

- 0 - 9': Cuttings/fill from previous boring.
- 9 - 22': Fractured, weathered bedrock.
- 22 - 92': Hard, dense, competent granitic bedrock.
- 92 - 98': Fracture gone. Softer.
- 98 - 100': Hard, dense competent granitic bedrock.

Grout up to 1' bgs.

Dry, no water in well.

ELEVATIONS: GROUND SURFACE: _____

TOP OF CASING: _____

NOTCH: _____

DIAMETER OF BORING 8.75 INCHES

GROUT TYPE: % BENTONITE 5

% CEMENT 95

CASING TYPE: MATERIAL PVC

SCHEDULE 40

INNER DIAMETER: 2 INCHES

TOP OF BENTONITE SEAL DEPTH: 4.0 FEET

ELEV.: _____ FEET

TOP OF SAND PACK: DEPTH: 85.0 FEET

ELEV.: _____ FEET

TOP OF SCREEN: DEPTH: 90.0 FEET

ELEV.: _____ FEET

SCREEN TYPE: MATERIAL PVC

SCHEDULE: 40

INNER DIAMETER: 2 INCHES

SLOT SIZE: 0.010 inches

SAND PACK TYPE: GRAIN SIZE: #2 Filter Sand

ORIGIN: DSI

BOTTOM OF SCREEN DEPTH: 100.0 FEET

ELEV.: _____ FEET

BOTTOM OF BORING DEPTH: 100.0 FEET

ELEV.: _____ FEET

MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-6 JOB NO.: CDT.438.556 DATE: 04/07/04
 PROJECT: C&D Technologies
 SITE LOCATION: Conyers, Georgia MANAGER: Robert List
 DRILLING CONTRACTOR: Saedacco

FAULKNER & FLYNN
 ENVIRONMENTAL MANAGEMENT CONSULTANTS

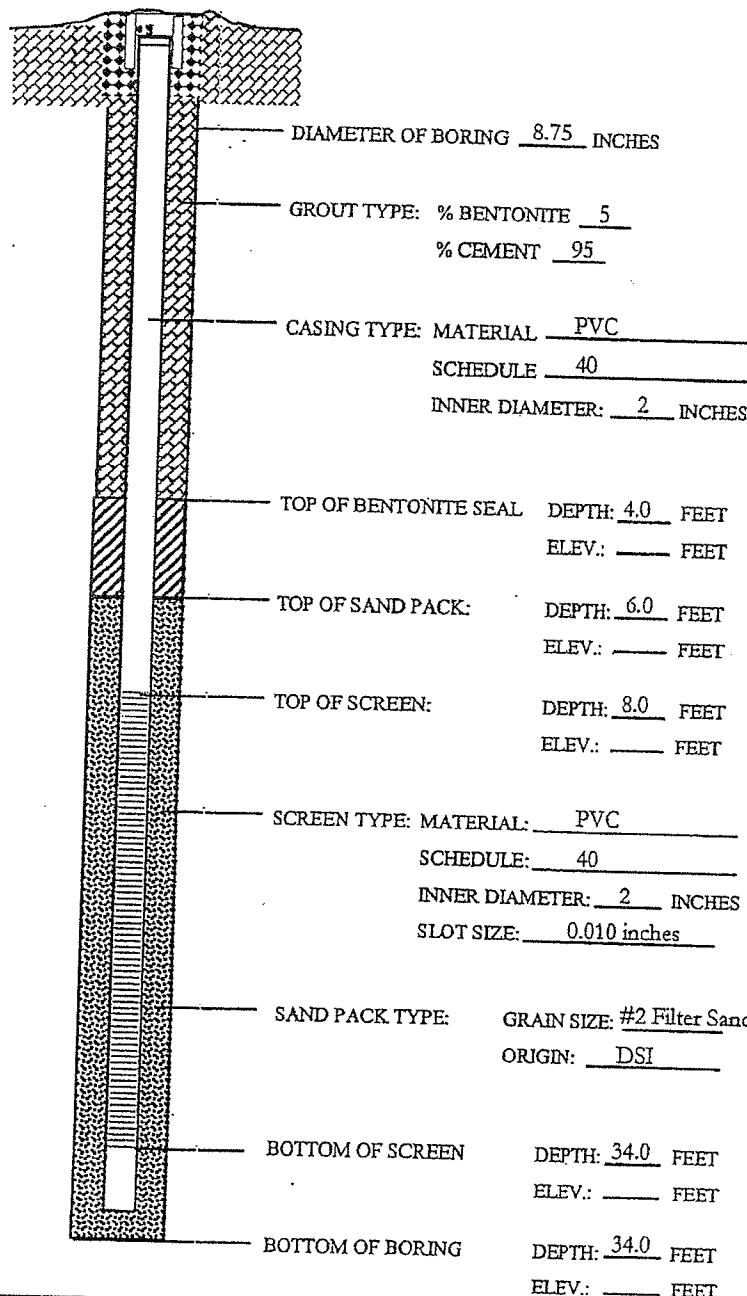
GENERALIZED STRATIGRAPHY:

Surface casing cemented from
0 to 18.5'.

ELEVATIONS: GROUND SURFACE: 931.85

TOP OF CASING: 931.50

NOTCH: _____



BORING LOG

BORING NO.: MW- 6	ELEVATION - TOP OF CASING: 931.50	DATE OF BORING: 04/07/04		
PROJECT: C&D Technologies				
LOCATION: Conyers, Georgia				
TYPE OF BORING: Air Rotary	OBSERVER: Jimmy Gamertsfelder			
DRILLING CONTRACTOR: Saedacco				
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)	SAMPLE DESCRIPTION
0	Asphalt.			
5	Brown/red silty sand. Micaceous.		0.6	
10	Silty clay with rock fragments.			
15	Bedrock.		0.5	
20				
25				
30			0.0	
35	Total Depth: 34 feet			
40				
45				
NOTES:				
				FAULKNER & FLYNN ENVIRONMENTAL MANAGEMENT CONSULTANTS

BORING LOG

BORING NO.: MW- 5D	ELEVATION - TOP OF CASING:	932.04	DATE OF BORING:	07/27/04
PROJECT: C&D Technologies				
LOCATION: Conyers, Georgia				
TYPE OF BORING: Air Rotary			OBSERVER: Jimmy Gamertsfelder	
DRILLING CONTRACTOR: Piedmont Environmental Drilling				
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)	SAMPLE DESCRIPTION
0	Asphalt.			
5	Brown/red silty clay with some gravel.			
10	Orange/tan silty sand. Micaceous.			
10	Rock.			
15	Tan/light brown micaceous sand with some rock.			Wet.
15	Bedrock – salt and pepper granite.			
20				Minor fractures from 21 to 35 feet.
25				
30				
35				
	Total Depth: 36 feet			
NOTES:				
				FAULKNER & FLYNN ENVIRONMENTAL MANAGEMENT CONSULTANTS

CD002210

MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-5D JOB NO.: CDT.438.556 DATE: 07/27/04
 PROJECT: C&D Technologies

SITE LOCATION: Conyers, Georgia MANAGER: Robert List
 DRILLING CONTRACTOR: Piedmont Environmental Drilling

FAULKNER & FLYNN
 ENVIRONMENTAL MANAGEMENT CONSULTANTS

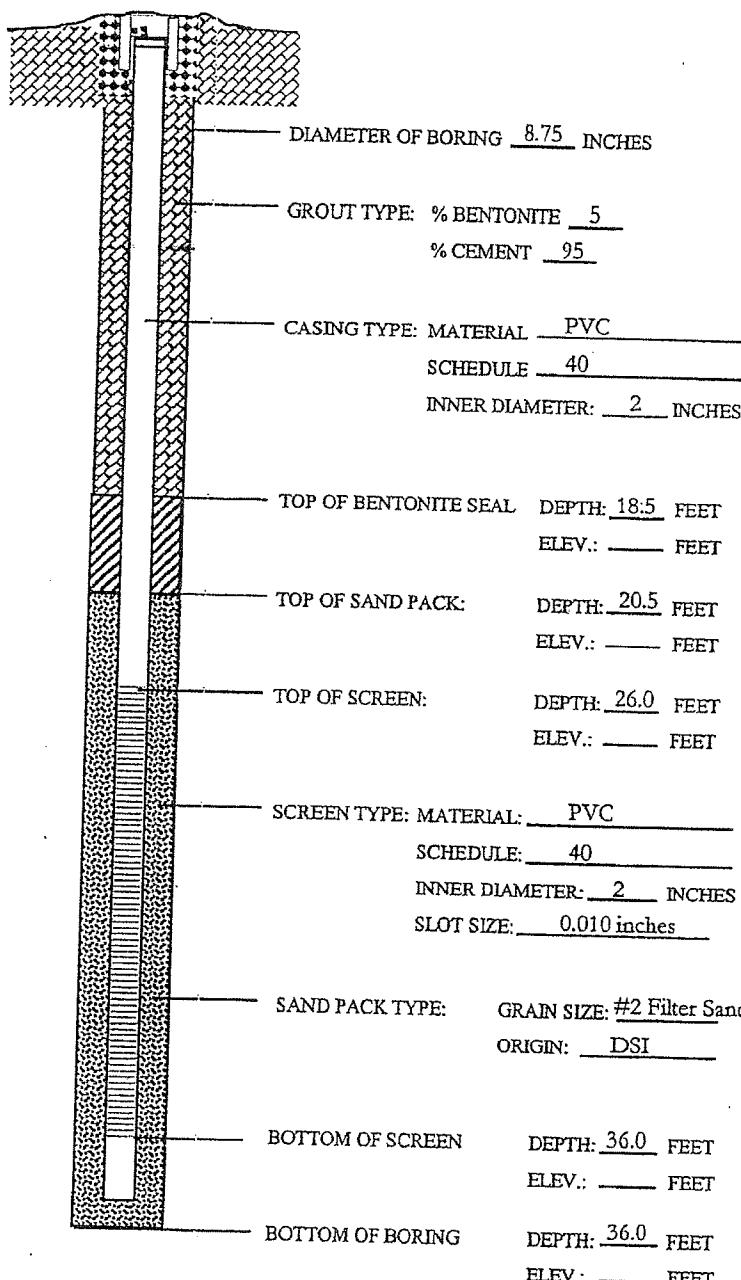
GENERALIZED STRATIGRAPHY:

Surface casing cemented from
0 to 18.5'.

ELEVATIONS: GROUND SURFACE: 932.27

TOP OF CASING: 932.04

NOTCH: _____



MONITORING WELL CONSTRUCTION LOG

MONITORING WELL: MW-5 JOB NO.: CDT.438.556 DATE: 04/07/04
 PROJECT: C&D Technologies

SITE LOCATION: Conyers, Georgia MANAGER: Robert List
 DRILLING CONTRACTOR: Saedacco

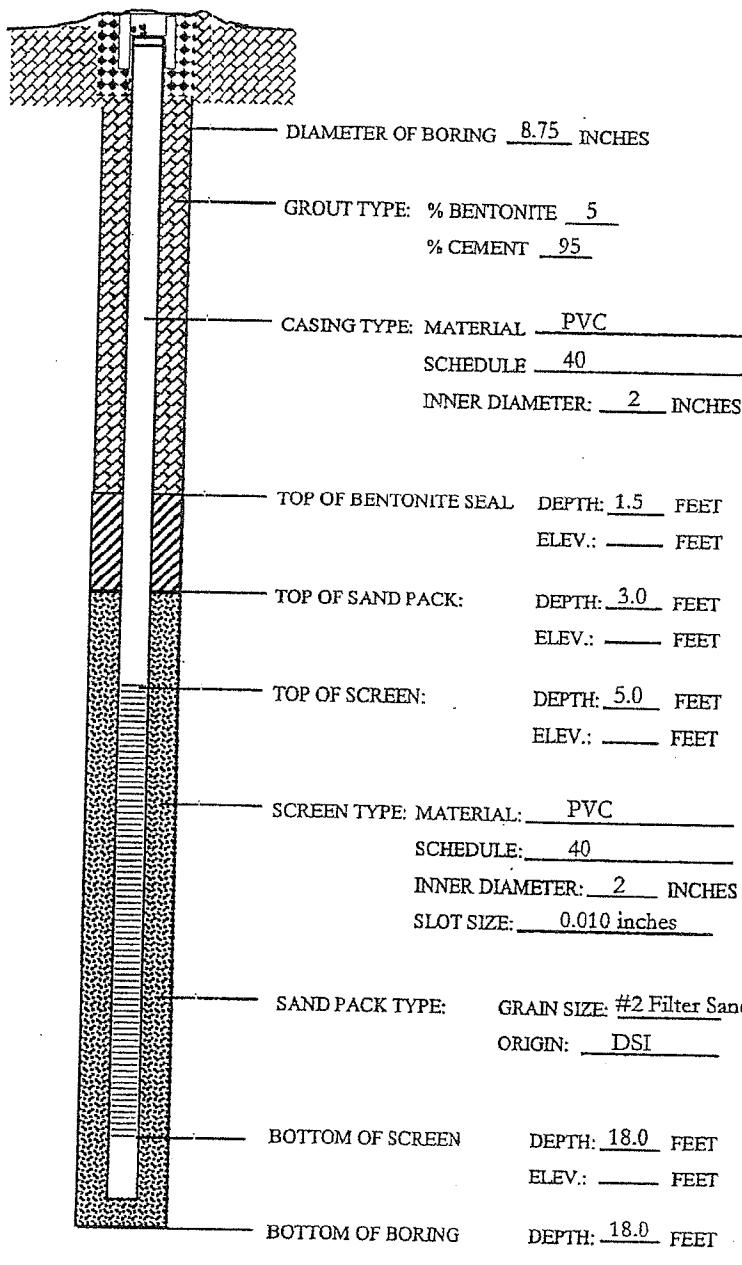
FAULKNER & FLYNN
 ENVIRONMENTAL MANAGEMENT CONSULTANTS

GENERALIZED STRATIGRAPHY:

ELEVATIONS: GROUND SURFACE: 932.01

TOP OF CASING: 931.73

NOTCH: _____



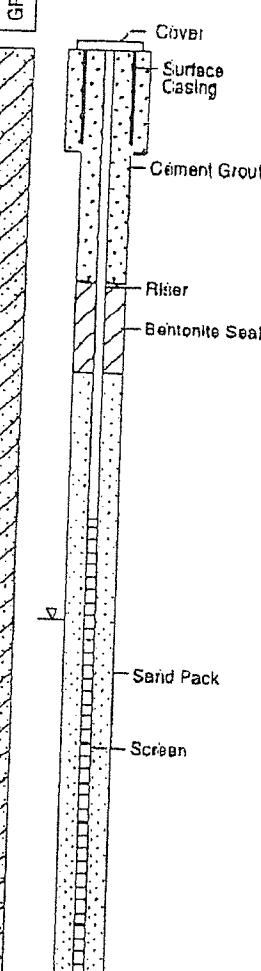
BORING LOG

BORING NO.: MW- 5	ELEVATION - TOP OF CASING: 931.73	DATE OF BORING: 04/07/04		
PROJECT: C&D Technologies				
LOCATION: Conyers, Georgia				
TYPE OF BORING: Air Rotary	OBSERVER: Jimmy Gamertsfelder			
DRILLING CONTRACTOR: Saedacco				
DEPTH	STRATUM DESCRIPTION	SAMPLE DEPTH	PID (ppm)	SAMPLE DESCRIPTION
0	Asphalt.		2.0	
5	Orange/tan silty sand. Micaceous.			
	Some rock.			
10	Rock with micaceous saprolite		1.4	
15	Bedrock.		0.7	
20	Total Depth: 18 feet			
25				
30				
35				
40				
45				
NOTES:				
				FAULKNER & FLYNN ENVIRONMENTAL MANAGEMENT CONSULTANTS

DEC-02-2003 13:19 FROM C&D-MOTIVE POWER

TO 915409859538

P. 02/05

 ENTACT, Inc. 1616 Corporate Court # 150 Irving, TX 75038		LOG OF BORING ENT MW-1 (Page 1 of 1)	
C&D Technology 1835 Industrial Blvd. Conyers, GA Project # D656		Date Completed : 2/9/2000 Hole Diameter : 8 inches Drilling Method : Auger Sampling Method : Split-Spoon Company Rep. : Environmental Exploration	
Depth in Foot	Water Levels		
	Feb. 23, 2000		
	DESCRIPTION	Well Construction Information	
0	Silty clayey SAND, medium to coarse grained, very dark brown, soft to firm, dry to slightly moist, no odor.	 <p>Well: ENT MW-1 Elev.: 916.46 TOC</p> <p>WELL CONSTRUCTION</p> <ul style="list-style-type: none"> Date Compl. : 02/09/2000 Hole Diameter : 8 inches Drill. Method : Hol. Stem Auger Company Rep. : Environmental Exploration <p>WELL CASING</p> <ul style="list-style-type: none"> Material : PVC Diameter : 2 inches Joints : Threaded <p>WELL SCREEN</p> <ul style="list-style-type: none"> Material : PVC Diameter : 2 inches Joints : Threaded Opening : .010 slot <p>SAND PACK</p> <ul style="list-style-type: none"> : 20/40 quartz <p>ANNULUS SEAL</p> <ul style="list-style-type: none"> : bentonite pellets and Portland cement 	
5	Brown, Increase in slit, slightly moist, no odor		
10	Light gray, soft to firm, moist		
15	Light gray and brown, very moist to saturated, no odor		
20	End of Boring		
25			

C:\TEMP\MW-1.BOR
 02-20-2000

CD002204

DEC-02-2003 13:20 FROM C&D-MOTIVE POWER

TO 915409859538

P. 04/05

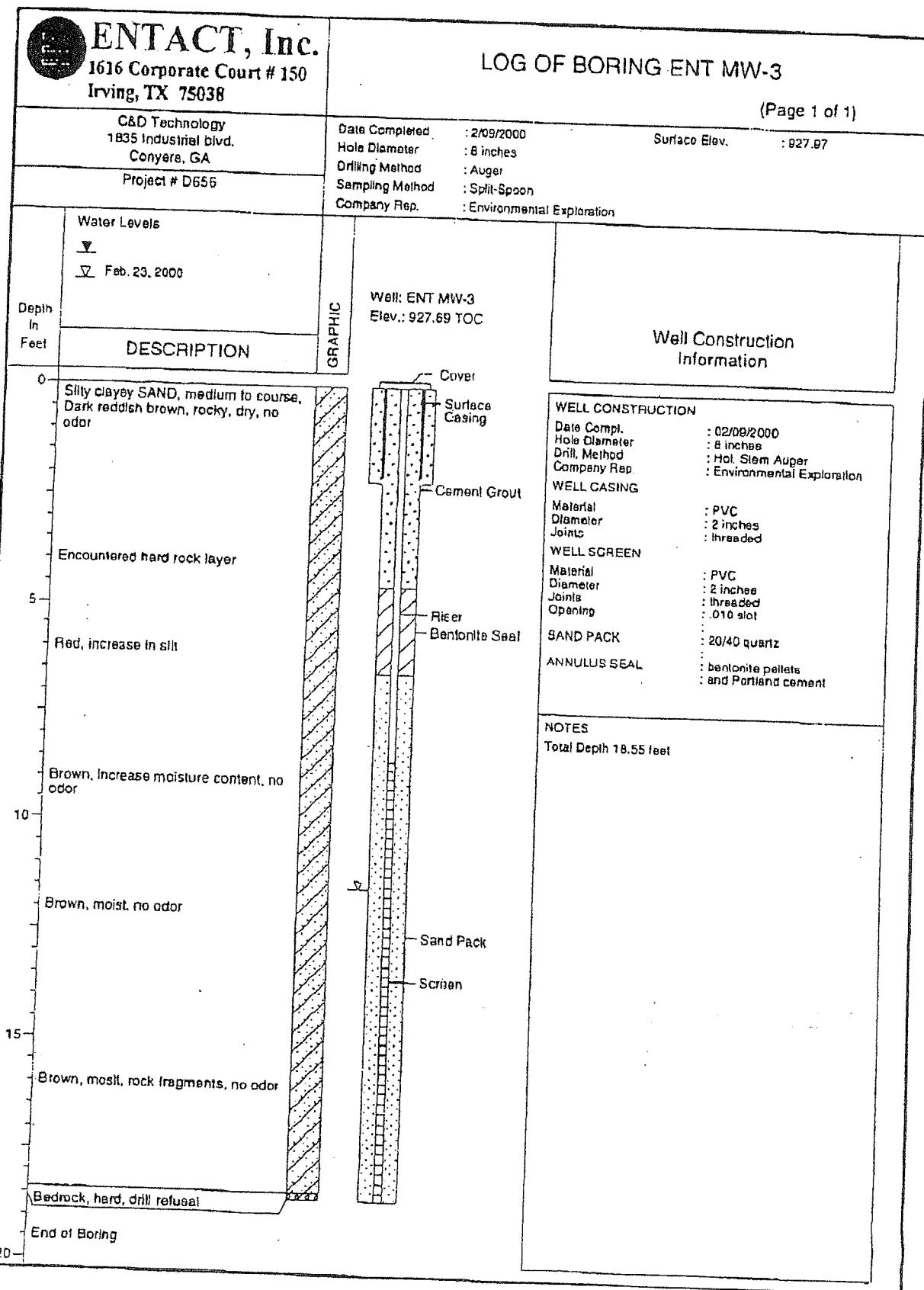
ENTACT, Inc.
1616 Corporate Court # 150
Irving, TX 75038

C&D Technology
1835 Industrial Blvd.
Conyers, GA

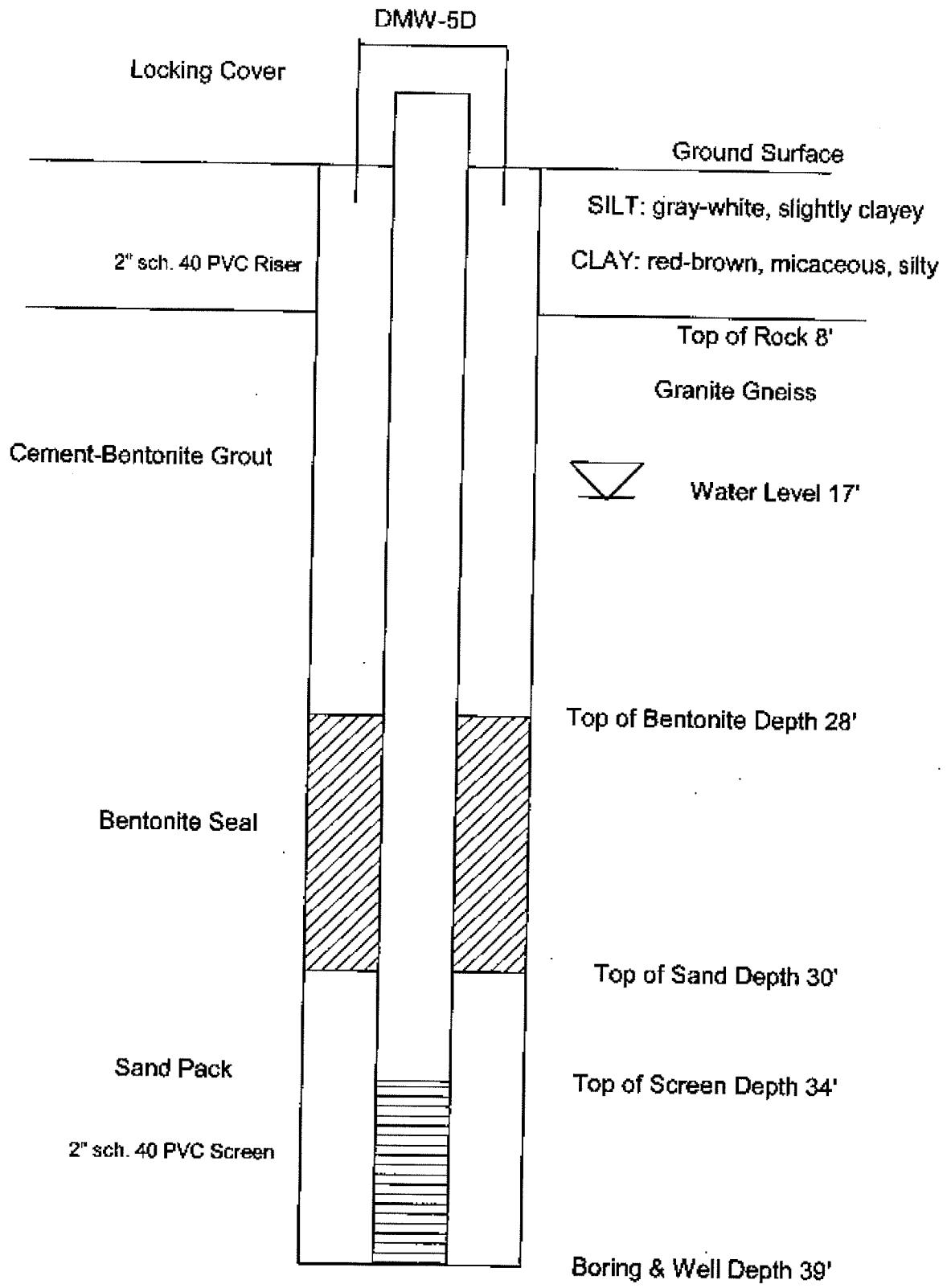
Project # D656

LOG OF BORING ENT MW-3

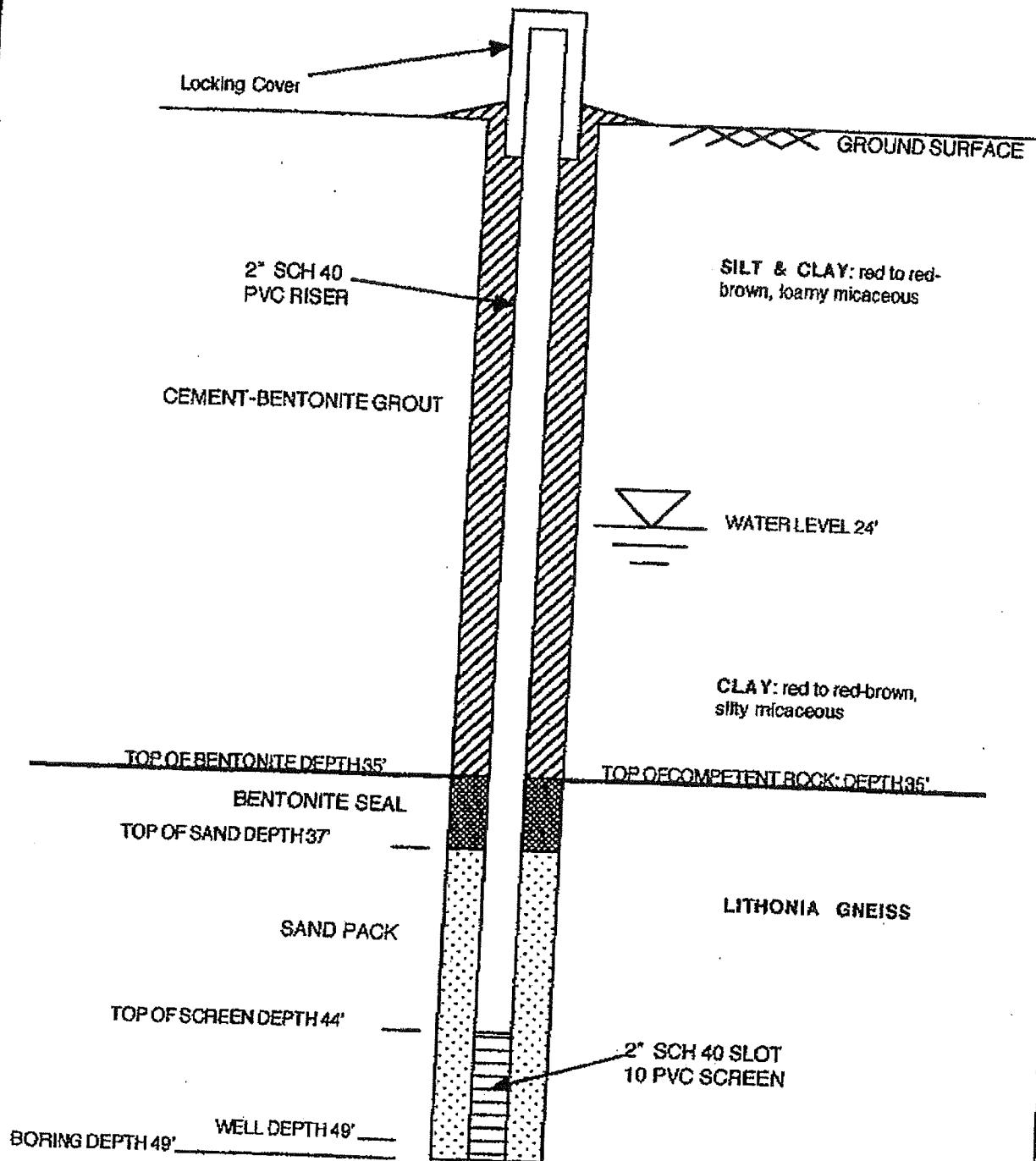
(Page 1 of 1)



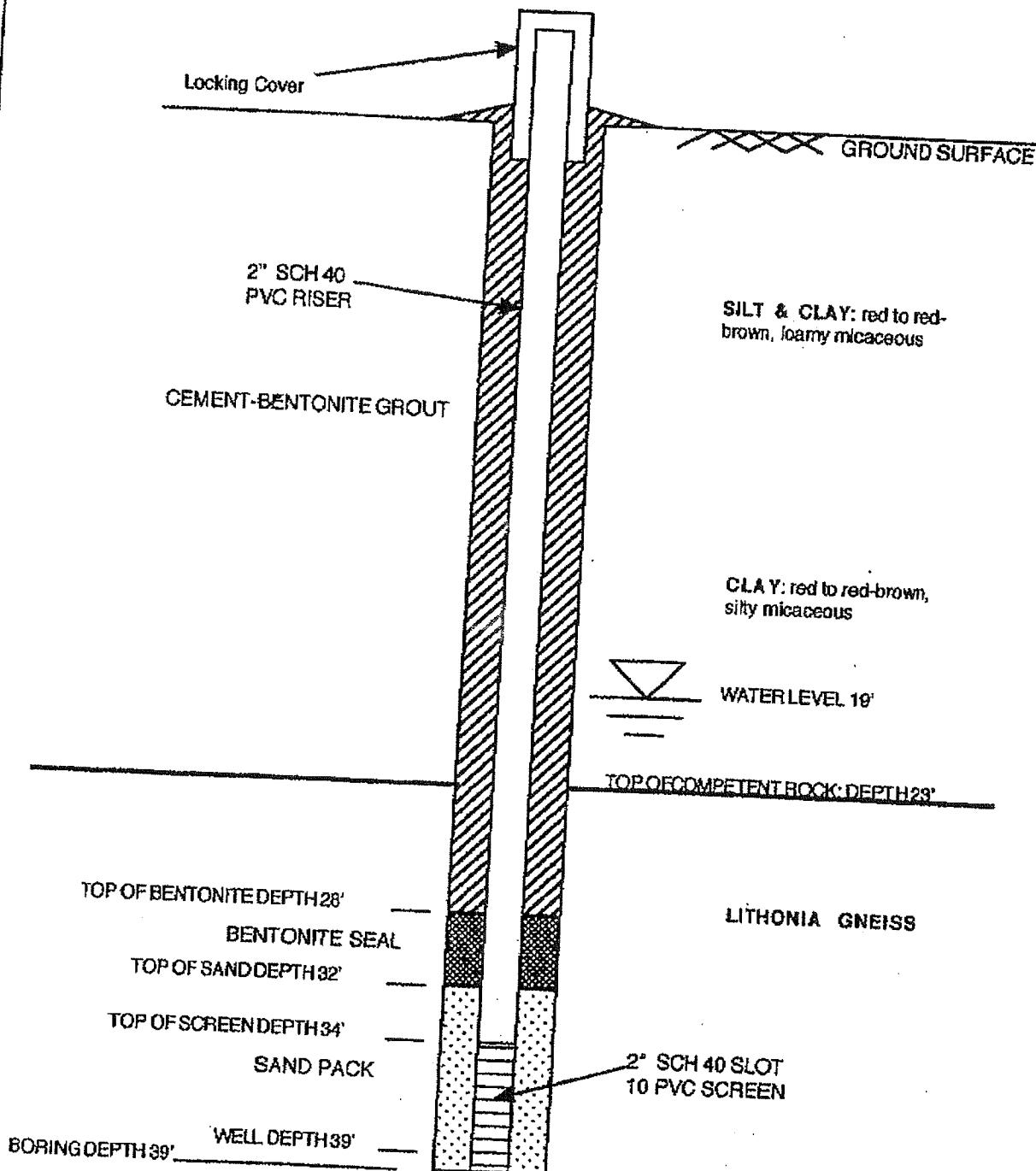
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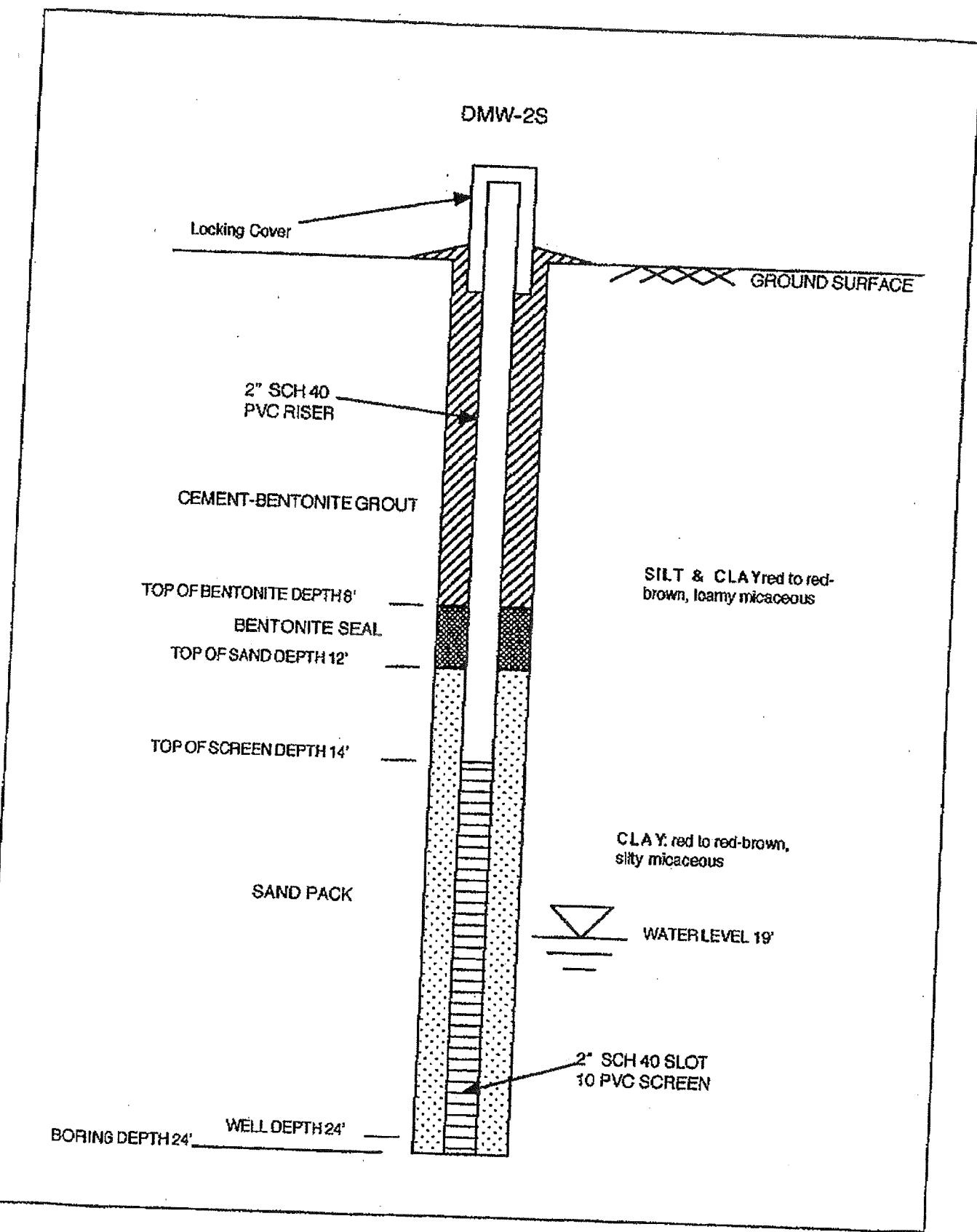


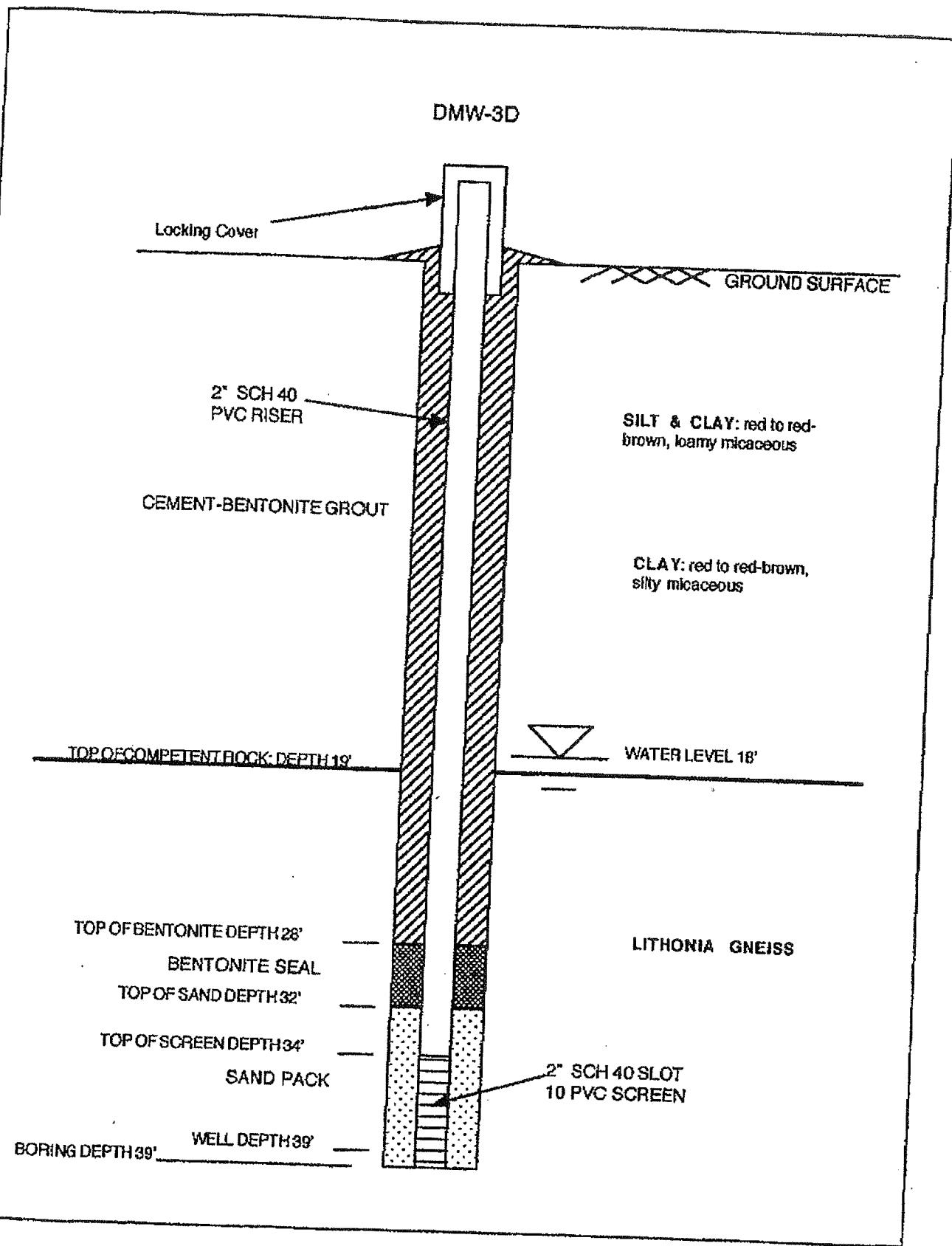
DMW-1D

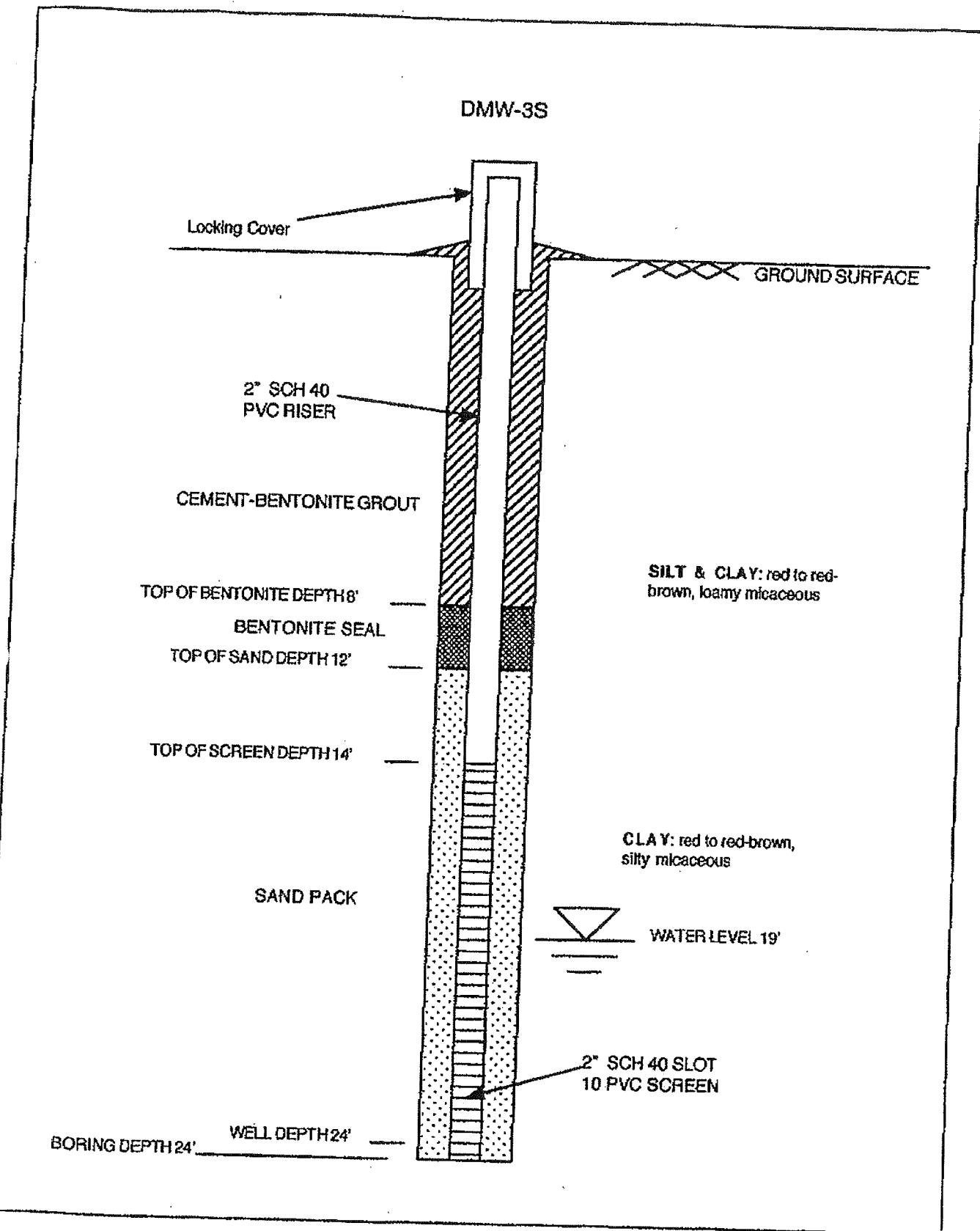


DMW-2D











WELL CONSTRUCTION LOG

WELL NO. INJ-01

Page 1 of 1

Facility/Project Name: C&D Technologies				Date Drilling Started: 3/28/07	Date Drilling Completed: 3/28/07	Project Number: 00-71545.03	
Drilling Firm: Parratt Wolff		Drilling Method: HSA/AR		Surface Elev. (ft) ---	TOC Elevation (ft) ---	Total Depth (ft bgs) 22.0	Borehole Dia. (in) 11
Boring Location: C&D Technologies Property				Personnel Logged By - John Loeffew Driller - Chip Lefever		Drilling Equipment: CME-75	
Civil Town/City/or Village: Conyers		County: Rockdale	State: Georgia	Water Level Observations: While Drilling: Date/Time After Drilling: Date/Time 3/28/07 09:15			
SAMPLE		RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION		COMMENTS
NUMBER AND TYPE	USCS				GRAPHIC LOG	WELL DIAGRAM	
1 AU	Asphalt Gravel fill	2	4	6	8	10	Well: 2" Schedule 40 PVC casing with steel bolt-down flush-mount protective cover 0-2ft bgs: portland cement grout 2-4ft bgs: bentonite seal (hydrated DSI 3/8" chips)
AU	Sandy Silty Clay, reddish brown with micaceous minerals and rock fragments, saprolite. Hard rock between 8'-11' then weathered rock with saprolite between 11'-18'. Auger Refusal at 18'. Switch to air rotary.	6	8	10	12	14	4ft bgs: top of sand pack (DSI #1 filter sand) 6.3ft bgs: Top of Screen
AU	CL-ML	12	14	16	18	20	Screen: 2" Schedule 40 PVC w/ 0.010" machine slot
AU	Granite Gneiss. Boring terminated at 22'. INJ-01 installed in boring.	18	20	22	24	26	21.3ft bgs: Bottom of Screen



WELL CONSTRUCTION LOG

WELL NO. OBS-02

Page 1 of 1

Facility/Project Name: C&D Technologies			Date Drilling Started: 3/27/07	Date Drilling Completed: 3/27/07	Project Number: 00-71545.03					
Drilling Firm: Parratt Wolff		Drilling Method: HSA/AR	Surface Elev. (ft) ---	TOC Elevation (ft) ---	Total Depth (ft bgs) 20.0	Borehole Dia. (in) 11				
Boring Location: C&D Technologies Properties			Personnel Logged By - John Lefew Driller - Chip Lefever		Drilling Equipment: CME-75					
Civil Town/City or Village: Conyers		County: Rockdale	State: Georgia		Water Level Observations: While Drilling: Date/Time After Drilling: Date/Time					
					3/27/07 14:20	Depth (ft bgs) 8.85				
SAMPLE	NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	COMMENTS	
1	AU			Asphalt Gravel fill			///		Well: 2" Schedule 40 PVC casing with steel bolt-down flush-mount protective cover	
2	SS	45		2					0-3.5ft bgs: portland cement grout	
3	SS	35		4	Sandy Silty Clay, reddish brown with micaceous minerals and weathered rock, saprolite. Switch to air rotary at 9' and drill to 17'. Hollow stem augers used to drill out hole to 17'. Hard rock at 17'.				3.5-5.5ft bgs: bentonite seal (hydrated DSI 3/8" chips)	
4	AU			6					5.5ft bgs: top of sand pack (DSI #1 filter sand)	
				8					7.5ft bgs: Top of Screen	
				10						
				12						
				14						
				16						
				18	Granite Gneiss. Switch to air rotary. Advance boring to 20'. Borehole collapse to 17'. OBS-02 installed at 17'.				Screen: 2" Schedule 40 PVC w/ 0.010" machine slot	
										17.5ft bgs: Bottom of Screen

APPENDIX C

October 2010 TestAmerica Laboratory Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

March 30, 2011

Mr. Dylan Crouch
URS Corporation
1000 Corporate Centre Drive
One Corporate Centre, Suite 250
Franklin, TN. 37067

Re: Accreditation Stipulation for GA EPD

Mr. Crouch,

The following information is being provided to confirm our status as an approved laboratory meeting the requirements of the State of Georgia Environmental Protection Department's rules and regulations.

Laboratory: TestAmerica Laboratories, Inc. – Nashville, TN.
Accreditor: Florida NELAP
Accreditation ID: E87358
Scope: DW, NPW, S/HW
Effective: July 1, 2010
Expires: June 30, 2011

This accreditation information applies to the following TestAmerica Nashville Work Orders:

NTJ2388
NTJ2567
NTJ2566

If you have any questions please feel free to contact me.

Sincerely,



Michael H. Dunn
Quality Assurance
Mike.Dunn@testamericainc.com

March 30, 2011 9:44:02AM

Client: URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn: Craig Bernhoft

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Nbr: 20500332.00001
P/O Nbr: Craig.Bernhoft@urscorp.com
Date Received: 10/20/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-20	NTJ2388-01	10/19/10 11:25
MW-5	NTJ2388-02	10/19/10 12:50
C&D-03	NTJ2388-03	10/19/10 13:05
MW-5D	NTJ2388-04	10/19/10 14:35
MW-19	NTJ2388-05	10/19/10 15:20
TB-1	NTJ2388-06	10/19/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments: ***Revised Report***

The following report has been revised for the following reason(s): To include Sulfate on NTJ2388-01 per COC.

This report replaces the previously generated report on 11/12/10 at 0851.

Georgia Certification Number: E87358

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-01 (MW-20 - Ground Water) Sampled: 10/19/10 11:25								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	27.8		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	ND		mg/L	0.100	1	10/20/10 20:29	SW846 9056	10J3865
Sulfate	7.28		mg/L	1.00	1	10/20/10 20:29	SW846 9056	10J3865
Total Organic Carbon	ND		mg/L	1.00	1	10/28/10 13:18	SW846 9060A	10J5394
Dissolved Metals by EPA Method 6010B								
Iron	ND	P7	mg/L	0.0500	1	10/27/10 04:23	SW846 6010B	10J3918
Manganese	0.594	P7	mg/L	0.0150	1	10/27/10 04:23	SW846 6010B	10J3918
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/21/10 14:03	SW846 8260B	10J3293
Benzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromochloromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromodichloromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromoform	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromomethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2-Butanone	ND		ug/L	50.0	1	10/21/10 14:03	SW846 8260B	10J3293
sec-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
n-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
tert-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Carbon disulfide	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Carbon Tetrachloride	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chlorodibromomethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chloroform	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chloromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
4-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Dibromomethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,3-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-01 (MW-20 - Ground Water) - cont. Sampled: 10/19/10 11:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Ethylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Hexachlorobutadiene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2-Hexanone	ND		ug/L	50.0	1	10/21/10 14:03	SW846 8260B	10J3293
Isopropylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
p-Isopropyltoluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Methylene Chloride	ND		ug/L	5.00	1	10/21/10 14:03	SW846 8260B	10J3293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/21/10 14:03	SW846 8260B	10J3293
Naphthalene	ND		ug/L	5.00	1	10/21/10 14:03	SW846 8260B	10J3293
n-Propylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Styrene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Tetrachloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Toluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Trichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Trichlorofluoromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Vinyl chloride	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Xylenes, total	ND		ug/L	3.00	1	10/21/10 14:03	SW846 8260B	10J3293
Surr: 1,2-Dichloroethane-d4 (63-140%)	78 %					10/21/10 14:03	SW846 8260B	10J3293
Surr: Dibromofluoromethane (73-131%)	91 %					10/21/10 14:03	SW846 8260B	10J3293
Surr: Toluene-d8 (80-120%)	96 %					10/21/10 14:03	SW846 8260B	10J3293
Surr: 4-Bromofluorobenzene (79-125%)	99 %					10/21/10 14:03	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-02 (MW-5 - Ground Water) Sampled: 10/19/10 12:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	0.336		mg/L	0.100	1	10/20/10 21:27	SW846 9056	10J3865
Sulfate	1750		mg/L	50.0	50	11/07/10 05:57	SW846 9056	10J3865
Total Organic Carbon	53.0		mg/L	5.00	5	10/29/10 14:53	SW846 9060A	10J5753
Volatile Organic Compounds by EPA Method 8260B								
Acetone	954		ug/L	50.0	1	10/21/10 14:31	SW846 8260B	10J3293
Benzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromochloromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromodichloromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromoform	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromomethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2-Butanone	ND		ug/L	50.0	1	10/21/10 14:31	SW846 8260B	10J3293
sec-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
n-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
tert-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Carbon disulfide	24.8		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Carbon Tetrachloride	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chlorodibromomethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chloroform	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chloromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
4-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Dibromomethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,3-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-02 (MW-5 - Ground Water) - cont. Sampled: 10/19/10 12:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Hexachlorobutadiene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2-Hexanone	ND		ug/L	50.0	1	10/21/10 14:31	SW846 8260B	10J3293
Isopropylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
p-Isopropyltoluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Methylene Chloride	ND		ug/L	5.00	1	10/21/10 14:31	SW846 8260B	10J3293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/21/10 14:31	SW846 8260B	10J3293
Naphthalene	ND		ug/L	5.00	1	10/21/10 14:31	SW846 8260B	10J3293
n-Propylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Styrene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Tetrachloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Toluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Trichloroethene	15300		ug/L	500	500	10/22/10 20:47	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Vinyl chloride	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Xylenes, total	ND		ug/L	3.00	1	10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	76 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	74 %					10/22/10 20:47	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	91 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: Dibromofluoromethane (73-131%)</i>	89 %					10/22/10 20:47	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: Toluene-d8 (80-120%)</i>	98 %					10/22/10 20:47	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	100 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/22/10 20:47	SW846 8260B	10J4379

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-03 (C&D-03 - Ground Water) Sampled: 10/19/10 13:05								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	5.45	H2	mg/L	5.00	50	11/07/10 06:37	SW846 9056	10J3865
Sulfate	6980		mg/L	1000	1000	11/07/10 06:17	SW846 9056	10J3865
Total Organic Carbon	6.62		mg/L	1.00	1	10/28/10 13:18	SW846 9060A	10J5394
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/22/10 18:28	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromochloromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromodichloromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromoform	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromomethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2-Butanone	ND		ug/L	50.0	1	10/22/10 18:28	SW846 8260B	10J4379
sec-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
n-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
tert-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Carbon disulfide	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Carbon Tetrachloride	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chlorodibromomethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chloroform	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chloromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
4-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Dibromomethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,3-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-03 (C&D-03 - Ground Water) - cont. Sampled: 10/19/10 13:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Hexachlorobutadiene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2-Hexanone	ND		ug/L	50.0	1	10/22/10 18:28	SW846 8260B	10J4379
Isopropylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
p-Isopropyltoluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Methylene Chloride	ND		ug/L	5.00	1	10/22/10 18:28	SW846 8260B	10J4379
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/22/10 18:28	SW846 8260B	10J4379
Naphthalene	ND		ug/L	5.00	1	10/22/10 18:28	SW846 8260B	10J4379
n-Propylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Styrene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Tetrachloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Toluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Trichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Vinyl chloride	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Xylenes, total	ND		ug/L	3.00	1	10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	76 %					10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	91 %					10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	100 %					10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	96 %					10/22/10 18:28	SW846 8260B	10J4379

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-04 (MW-5D - Ground Water) Sampled: 10/19/10 14:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	ND	H2	mg/L	50.0	500	11/07/10 07:17	SW846 9056	10J3865
Sulfate	18500		mg/L	1000	1000	11/07/10 06:57	SW846 9056	10J3865
Total Organic Carbon	125		mg/L	5.00	5	10/29/10 14:53	SW846 9060A	10J5753
Volatile Organic Compounds by EPA Method 8260B								
Acetone	5010		ug/L	500	10	10/22/10 20:19	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromochloromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromodichloromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromoform	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromomethane	2.82		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2-Butanone	ND		ug/L	50.0	1	10/21/10 15:27	SW846 8260B	10J3293
sec-Butylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
n-Butylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
tert-Butylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Carbon disulfide	5.18		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Carbon Tetrachloride	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chlorodibromomethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chloroform	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chloromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
4-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Dibromomethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1-Dichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1-Dichloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,3-Dichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1-Dichloropropene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-04 (MW-5D - Ground Water) - cont. Sampled: 10/19/10 14:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Hexachlorobutadiene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2-Hexanone	ND		ug/L	50.0	1	10/21/10 15:27	SW846 8260B	10J3293
Isopropylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
p-Isopropyltoluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Methylene Chloride	ND		ug/L	5.00	1	10/21/10 15:27	SW846 8260B	10J3293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/21/10 15:27	SW846 8260B	10J3293
Naphthalene	ND		ug/L	5.00	1	10/21/10 15:27	SW846 8260B	10J3293
n-Propylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Styrene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Tetrachloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Toluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Trichloroethene	699		ug/L	10.0	10	10/22/10 20:19	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Vinyl chloride	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Xylenes, total	ND		ug/L	3.00	1	10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	82 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	73 %					10/22/10 20:19	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	93 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: Dibromofluoromethane (73-131%)</i>	87 %					10/22/10 20:19	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/22/10 20:19	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	97 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	96 %					10/22/10 20:19	SW846 8260B	10J4379

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-05 (MW-19 - Ground Water) Sampled: 10/19/10 15:20								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	8.20	H2	mg/L	1.00	10	11/07/10 07:57	SW846 9056	10J3865
Sulfate	212		mg/L	10.0	10	11/07/10 07:37	SW846 9056	10J3865
Total Organic Carbon	1.35		mg/L	1.00	1	10/28/10 13:18	SW846 9060A	10J5394
Dissolved Metals by EPA Method 6010B								
Iron	ND	P7	mg/L	0.0500	1	10/27/10 04:38	SW846 6010B	10J3918
Manganese	0.983	P7	mg/L	0.0150	1	10/27/10 04:38	SW846 6010B	10J3918
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/22/10 18:56	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromochloromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromodichloromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromoform	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromomethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
2-Butanone	ND		ug/L	50.0	1	10/22/10 18:56	SW846 8260B	10J4379
sec-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
n-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
tert-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Carbon disulfide	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Carbon Tetrachloride	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chlorodibromomethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chloroform	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chloromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
2-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
4-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Dibromomethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,3-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-05 (MW-19 - Ground Water) - cont. Sampled: 10/19/10 15:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Ethylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Hexachlorobutadiene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
2-Hexanone	ND		ug/L	50.0	1	10/22/10 18:56	SW846 8260B	10J4379
Isopropylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
p-Isopropyltoluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Methylene Chloride	ND		ug/L	5.00	1	10/22/10 18:56	SW846 8260B	10J4379
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/22/10 18:56	SW846 8260B	10J4379
Naphthalene	ND		ug/L	5.00	1	10/22/10 18:56	SW846 8260B	10J4379
n-Propylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Styrene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Tetrachloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Toluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Trichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Vinyl chloride	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Xylenes, total	ND		ug/L	3.00	1	10/22/10 18:56	SW846 8260B	10J4379
Surr: 1,2-Dichloroethane-d4 (63-140%)	75 %					10/22/10 18:56	SW846 8260B	10J4379
Surr: Dibromofluoromethane (73-131%)	91 %					10/22/10 18:56	SW846 8260B	10J4379
Surr: Toluene-d8 (80-120%)	100 %					10/22/10 18:56	SW846 8260B	10J4379
Surr: 4-Bromofluorobenzene (79-125%)	97 %					10/22/10 18:56	SW846 8260B	10J4379

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-06 (TB-1 - Water) Sampled: 10/19/10 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/22/10 13:21	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromochloromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromodichloromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromoform	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromomethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2-Butanone	ND		ug/L	50.0	1	10/22/10 13:21	SW846 8260B	10J4379
sec-Butylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
n-Butylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
tert-Butylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Carbon disulfide	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Carbon Tetrachloride	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chlorodibromomethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chloroform	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chloromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
4-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Dibromomethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1-Dichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1-Dichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,3-Dichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1-Dichloropropene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Ethylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Hexachlorobutadiene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2-Hexanone	ND		ug/L	50.0	1	10/22/10 13:21	SW846 8260B	10J4379
Isopropylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
p-Isopropyltoluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-06 (TB-1 - Water) - cont. Sampled: 10/19/10 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Methylene Chloride	ND		ug/L	5.00	1	10/22/10 13:21	SW846 8260B	10J4379
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/22/10 13:21	SW846 8260B	10J4379
Naphthalene	ND		ug/L	5.00	1	10/22/10 13:21	SW846 8260B	10J4379
n-Propylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Styrene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Tetrachloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Toluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Trichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Vinyl chloride	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Xylenes, total	ND		ug/L	3.00	1	10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	74 %					10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	88 %					10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	98 %					10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/22/10 13:21	SW846 8260B	10J4379

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Project Number: 20500332.00001
Received: 10/20/10 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	10J3918	NTJ2388-01	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J3918	NTJ2388-01	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J3918	NTJ2388-05	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J3918	NTJ2388-05	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D

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Project Name: C&D Conyers GA
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Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10J3865-BLK1						
Nitrate as N	<0.0100		mg/L	10J3865	10J3865-BLK1	10/20/10 19:50
Sulfate	<0.110		mg/L	10J3865	10J3865-BLK1	10/20/10 19:50
10J3865-BLK2						
Nitrate as N	<0.0100		mg/L	10J3865	10J3865-BLK2	11/07/10 05:17
Sulfate	<0.110		mg/L	10J3865	10J3865-BLK2	11/07/10 05:17
10J4948-BLK1						
Alkalinity, Total (CaCO ₃)	6.89		mg/L	10J4948	10J4948-BLK1	11/01/10 20:42
10J5394-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5394	10J5394-BLK1	10/28/10 13:18
10J5753-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5753	10J5753-BLK1	10/29/10 14:53
Dissolved Metals by EPA Method 6010B						
10J3918-BLK1						
Iron	<0.0490		mg/L	10J3918	10J3918-BLK1	10/27/10 04:17
Manganese	<0.00100		mg/L	10J3918	10J3918-BLK1	10/27/10 04:17
Volatile Organic Compounds by EPA Method 8260B						
10J3293-BLK1						
Acetone	<25.0		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Benzene	<0.270		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromobenzene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromochloromethane	<0.440		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromodichloromethane	<0.370		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromoform	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromomethane	<0.470		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2-Butanone	<1.70		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
sec-Butylbenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
n-Butylbenzene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
tert-Butylbenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Carbon disulfide	<0.290		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Carbon Tetrachloride	<0.270		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chlorobenzene	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chlorodibromomethane	<0.300		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chloroethane	<0.410		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chloroform	<0.470		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chloromethane	<0.180		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2-Chlorotoluene	<0.250		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J3293-BLK1						
4-Chlorotoluene	<0.270		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Dibromomethane	<0.430		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,4-Dichlorobenzene	<0.250		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,3-Dichlorobenzene	<0.490		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dichlorobenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Dichlorodifluoromethane	<0.140		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1-Dichloroethane	<0.320		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dichloroethane	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
cis-1,2-Dichloroethene	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1-Dichloroethene	<0.360		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
trans-1,2-Dichloroethene	<0.360		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,3-Dichloropropane	<0.280		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dichloropropane	<0.330		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2,2-Dichloropropane	<0.260		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
cis-1,3-Dichloropropene	<0.190		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
trans-1,3-Dichloropropene	<0.160		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1-Dichloropropene	<0.300		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Ethylbenzene	<0.320		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Hexachlorobutadiene	<0.310		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2-Hexanone	<2.20		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Isopropylbenzene	<0.240		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
p-Isopropyltoluene	<0.210		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Methyl tert-Butyl Ether	<0.320		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Methylene Chloride	<0.150		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
4-Methyl-2-pentanone	<1.60		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Naphthalene	<0.170		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
n-Propylbenzene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Styrene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Tetrachloroethene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Toluene	<0.330		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,3-Trichlorobenzene	<0.140		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,4-Trichlorobenzene	<0.240		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,2-Trichloroethane	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,1-Trichloroethane	<0.350		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Trichloroethene	<0.370		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Trichlorofluoromethane	<0.300		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,3-Trichloropropane	<0.460		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J3293-BLK1						
1,3,5-Trimethylbenzene	<0.230		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,4-Trimethylbenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Vinyl chloride	<0.360		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Xylenes, total	<0.870		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: 1,2-Dichloroethane-d4	75%			10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: Dibromofluoromethane	89%			10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: Toluene-d8	98%			10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: 4-Bromofluorobenzene	98%			10J3293	10J3293-BLK1	10/21/10 11:43
10J4379-BLK1						
Acetone	<25.0		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Benzene	<0.270		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromobenzene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromochloromethane	<0.440		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromodichloromethane	<0.370		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromoform	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromomethane	<0.470		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2-Butanone	<1.70		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
sec-Butylbenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
n-Butylbenzene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
tert-Butylbenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Carbon disulfide	<0.290		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Carbon Tetrachloride	<0.270		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chlorobenzene	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chlorodibromomethane	<0.300		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chloroethane	<0.410		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chloroform	<0.470		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chloromethane	<0.180		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2-Chlorotoluene	<0.250		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
4-Chlorotoluene	<0.270		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Dibromomethane	<0.430		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,4-Dichlorobenzene	<0.250		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,3-Dichlorobenzene	<0.490		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dichlorobenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Dichlorodifluoromethane	<0.140		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1-Dichloroethane	<0.320		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dichloroethane	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
cis-1,2-Dichloroethene	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1-Dichloroethene	<0.360		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25

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Work Order: NTJ2388
Project Name: C&D Conyers GA
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Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4379-BLK1						
trans-1,2-Dichloroethene	<0.360		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,3-Dichloropropane	<0.280		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dichloropropane	<0.330		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2,2-Dichloropropane	<0.260		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
cis-1,3-Dichloropropene	<0.190		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
trans-1,3-Dichloropropene	<0.160		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1-Dichloropropene	<0.300		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Ethylbenzene	<0.320		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Hexachlorobutadiene	<0.310		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2-Hexanone	<2.20		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Isopropylbenzene	<0.240		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
p-Isopropyltoluene	<0.210		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Methyl tert-Butyl Ether	<0.320		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Methylene Chloride	<0.150		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
4-Methyl-2-pentanone	<1.60		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Naphthalene	<0.170		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
n-Propylbenzene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Styrene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Tetrachloroethene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Toluene	<0.330		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,3-Trichlorobenzene	<0.140		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,4-Trichlorobenzene	<0.240		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,2-Trichloroethane	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,1-Trichloroethane	<0.350		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Trichloroethene	<0.370		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Trichlorofluoromethane	<0.300		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,3-Trichloropropane	<0.460		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,3,5-Trimethylbenzene	<0.230		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,4-Trimethylbenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Vinyl chloride	<0.360		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Xylenes, total	<0.870		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: 1,2-Dichloroethane-d4	74%			10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: Dibromofluoromethane	88%			10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: Toluene-d8	95%			10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: 4-Bromofluorobenzene	97%			10J4379	10J4379-BLK1	10/22/10 12:25

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
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Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J3865-DUP1										
Nitrate as N	ND	0.718		mg/L		20	10J3865	NTJ2388-05		10/20/10 22:44
10J3865-DUP2										
Nitrate as N	8.20	0.827	R	mg/L	163	20	10J3865	NTJ2388-05RE1		11/07/10 08:38
Sulfate	2530	ND		mg/L		20	10J3865	NTJ2388-05RE1		11/07/10 08:38
10J3865-DUP3										
Nitrate as N	8.20	1.11	R	mg/L	152	20	10J3865	NTJ2388-05RE1		11/07/10 08:17
Sulfate	2530	206	R	mg/L	170	20	10J3865	NTJ2388-05RE1		11/07/10 08:17
10J4948-DUP1										
Alkalinity, Total (CaCO ₃)	43.4	47.7		mg/L	10	20	10J4948	NTJ2229-06		11/01/10 20:42
10J5394-DUP1										
Total Organic Carbon	5.40	5.50		mg/L	2	20	10J5394	NTJ2463-28		10/28/10 13:18
10J5753-DUP1										
Total Organic Carbon	6.35	6.40		mg/L	0.8	20	10J5753	NTJ3290-02		10/29/10 14:53

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10J3865-BS1								
Nitrate as N	3.00	2.88		mg/L	96%	90 - 110	10J3865	10/20/10 20:10
Sulfate	15.0	14.4		mg/L	96%	90 - 110	10J3865	10/20/10 20:10
10J3865-BS2								
Nitrate as N	3.00	3.31		mg/L	110%	90 - 110	10J3865	11/07/10 05:37
Sulfate	15.0	16.1		mg/L	107%	90 - 110	10J3865	11/07/10 05:37
10J4948-BS1								
Alkalinity, Total (CaCO ₃)	100	105		mg/L	105%	90 - 110	10J4948	11/01/10 20:42
10J5394-BS1								
Total Organic Carbon	10.0	9.86		mg/L	99%	90 - 110	10J5394	10/28/10 13:18
10J5753-BS1								
Total Organic Carbon	10.0	10.2		mg/L	102%	90 - 110	10J5753	10/29/10 14:53
Dissolved Metals by EPA Method 6010B								
10J3918-BS1								
Iron	1.00	0.944		mg/L	94%	80 - 120	10J3918	10/27/10 04:20
Manganese	0.500	0.475		mg/L	95%	80 - 120	10J3918	10/27/10 04:20
Volatile Organic Compounds by EPA Method 8260B								
10J3293-BS1								
Acetone	250	260		ug/L	104%	56 - 150	10J3293	10/21/10 09:52
Benzene	50.0	46.9		ug/L	94%	80 - 121	10J3293	10/21/10 09:52
Bromobenzene	50.0	44.2		ug/L	88%	72 - 130	10J3293	10/21/10 09:52
Bromochloromethane	50.0	44.4		ug/L	89%	73 - 137	10J3293	10/21/10 09:52
Bromodichloromethane	50.0	42.6		ug/L	85%	75 - 131	10J3293	10/21/10 09:52
Bromoform	50.0	44.6		ug/L	89%	65 - 140	10J3293	10/21/10 09:52
Bromomethane	50.0	46.0		ug/L	92%	50 - 150	10J3293	10/21/10 09:52
2-Butanone	250	249		ug/L	100%	70 - 144	10J3293	10/21/10 09:52
sec-Butylbenzene	50.0	44.2		ug/L	88%	72 - 140	10J3293	10/21/10 09:52
n-Butylbenzene	50.0	42.5		ug/L	85%	68 - 140	10J3293	10/21/10 09:52
tert-Butylbenzene	50.0	43.0		ug/L	86%	76 - 135	10J3293	10/21/10 09:52
Carbon disulfide	50.0	46.8		ug/L	94%	74 - 137	10J3293	10/21/10 09:52
Carbon Tetrachloride	50.0	38.1		ug/L	76%	71 - 137	10J3293	10/21/10 09:52
Chlorobenzene	50.0	44.2		ug/L	88%	80 - 121	10J3293	10/21/10 09:52
Chlorodibromomethane	50.0	48.3		ug/L	97%	68 - 137	10J3293	10/21/10 09:52
Chloroethane	50.0	44.1		ug/L	88%	50 - 146	10J3293	10/21/10 09:52
Chloroform	50.0	43.1		ug/L	86%	73 - 131	10J3293	10/21/10 09:52
Chloromethane	50.0	50.7		ug/L	101%	30 - 132	10J3293	10/21/10 09:52
2-Chlorotoluene	50.0	44.2		ug/L	88%	74 - 135	10J3293	10/21/10 09:52

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J3293-BS1								
4-Chlorotoluene	50.0	44.1		ug/L	88%	74 - 132	10J3293	10/21/10 09:52
1,2-Dibromo-3-chloropropane	50.0	42.8		ug/L	86%	56 - 145	10J3293	10/21/10 09:52
1,2-Dibromoethane (EDB)	50.0	48.4		ug/L	97%	80 - 135	10J3293	10/21/10 09:52
Dibromomethane	50.0	51.3		ug/L	103%	78 - 133	10J3293	10/21/10 09:52
1,4-Dichlorobenzene	50.0	42.2		ug/L	84%	80 - 120	10J3293	10/21/10 09:52
1,3-Dichlorobenzene	50.0	45.2		ug/L	90%	80 - 128	10J3293	10/21/10 09:52
1,2-Dichlorobenzene	50.0	44.7		ug/L	89%	80 - 125	10J3293	10/21/10 09:52
Dichlorodifluoromethane	50.0	29.6		ug/L	59%	30 - 132	10J3293	10/21/10 09:52
1,1-Dichloroethane	50.0	42.8		ug/L	86%	75 - 125	10J3293	10/21/10 09:52
1,2-Dichloroethane	50.0	34.8		ug/L	70%	70 - 134	10J3293	10/21/10 09:52
cis-1,2-Dichloroethene	50.0	42.1		ug/L	84%	71 - 132	10J3293	10/21/10 09:52
1,1-Dichloroethene	50.0	47.3		ug/L	95%	73 - 125	10J3293	10/21/10 09:52
trans-1,2-Dichloroethene	50.0	43.9		ug/L	88%	77 - 125	10J3293	10/21/10 09:52
1,3-Dichloropropane	50.0	44.8		ug/L	90%	76 - 125	10J3293	10/21/10 09:52
1,2-Dichloropropane	50.0	45.2		ug/L	90%	72 - 120	10J3293	10/21/10 09:52
2,2-Dichloropropane	50.0	42.1		ug/L	84%	50 - 150	10J3293	10/21/10 09:52
cis-1,3-Dichloropropene	50.0	57.6		ug/L	115%	70 - 140	10J3293	10/21/10 09:52
trans-1,3-Dichloropropene	50.0	49.6		ug/L	99%	62 - 139	10J3293	10/21/10 09:52
1,1-Dichloropropene	50.0	43.5		ug/L	87%	78 - 126	10J3293	10/21/10 09:52
Ethylbenzene	50.0	49.3		ug/L	99%	78 - 133	10J3293	10/21/10 09:52
Hexachlorobutadiene	50.0	44.7		ug/L	89%	70 - 150	10J3293	10/21/10 09:52
2-Hexanone	250	222		ug/L	89%	60 - 150	10J3293	10/21/10 09:52
Isopropylbenzene	50.0	50.1		ug/L	100%	69 - 120	10J3293	10/21/10 09:52
p-Isopropyltoluene	50.0	43.0		ug/L	86%	72 - 134	10J3293	10/21/10 09:52
Methyl tert-Butyl Ether	50.0	45.4		ug/L	91%	76 - 120	10J3293	10/21/10 09:52
Methylene Chloride	50.0	47.6		ug/L	95%	80 - 133	10J3293	10/21/10 09:52
4-Methyl-2-pentanone	250	270		ug/L	108%	62 - 146	10J3293	10/21/10 09:52
Naphthalene	50.0	41.4		ug/L	83%	71 - 139	10J3293	10/21/10 09:52
n-Propylbenzene	50.0	47.5		ug/L	95%	70 - 143	10J3293	10/21/10 09:52
Styrene	50.0	48.2		ug/L	96%	80 - 136	10J3293	10/21/10 09:52
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/L	94%	80 - 130	10J3293	10/21/10 09:52
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/L	92%	73 - 131	10J3293	10/21/10 09:52
Tetrachloroethene	50.0	43.9		ug/L	88%	77 - 131	10J3293	10/21/10 09:52
Toluene	50.0	45.6		ug/L	91%	78 - 125	10J3293	10/21/10 09:52
1,2,3-Trichlorobenzene	50.0	41.2		ug/L	82%	71 - 138	10J3293	10/21/10 09:52
1,2,4-Trichlorobenzene	50.0	42.7		ug/L	85%	74 - 136	10J3293	10/21/10 09:52
1,1,2-Trichloroethane	50.0	45.0		ug/L	90%	80 - 123	10J3293	10/21/10 09:52
1,1,1-Trichloroethane	50.0	38.8		ug/L	78%	75 - 137	10J3293	10/21/10 09:52
Trichloroethene	50.0	44.5		ug/L	89%	74 - 139	10J3293	10/21/10 09:52
Trichlorofluoromethane	50.0	33.1		ug/L	66%	60 - 133	10J3293	10/21/10 09:52
1,2,3-Trichloropropane	50.0	47.2		ug/L	94%	64 - 127	10J3293	10/21/10 09:52

Client URS Corporation (6171)
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Work Order: NTJ2388
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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J3293-BS1								
1,3,5-Trimethylbenzene	50.0	48.0		ug/L	96%	75 - 134	10J3293	10/21/10 09:52
1,2,4-Trimethylbenzene	50.0	47.8		ug/L	96%	77 - 134	10J3293	10/21/10 09:52
Vinyl chloride	50.0	45.2		ug/L	90%	60 - 122	10J3293	10/21/10 09:52
Xylenes, total	150	146		ug/L	97%	78 - 134	10J3293	10/21/10 09:52
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	17.6			70%	63 - 140	10J3293	10/21/10 09:52
<i>Surrogate: Dibromoform</i>	25.0	22.3			89%	73 - 131	10J3293	10/21/10 09:52
<i>Surrogate: Toluene-d8</i>	25.0	24.6			99%	80 - 120	10J3293	10/21/10 09:52
<i>Surrogate: 4-Bromoform</i>	25.0	23.9			96%	79 - 125	10J3293	10/21/10 09:52
10J4379-BS1								
Acetone	250	236		ug/L	94%	56 - 150	10J4379	10/22/10 11:01
Benzene	50.0	48.2		ug/L	96%	80 - 121	10J4379	10/22/10 11:01
Bromobenzene	50.0	46.1		ug/L	92%	72 - 130	10J4379	10/22/10 11:01
Bromochloromethane	50.0	47.5		ug/L	95%	73 - 137	10J4379	10/22/10 11:01
Bromodichloromethane	50.0	44.0		ug/L	88%	75 - 131	10J4379	10/22/10 11:01
Bromoform	50.0	45.6		ug/L	91%	65 - 140	10J4379	10/22/10 11:01
Bromomethane	50.0	42.9		ug/L	86%	50 - 150	10J4379	10/22/10 11:01
2-Butanone	250	245		ug/L	98%	70 - 144	10J4379	10/22/10 11:01
sec-Butylbenzene	50.0	47.8		ug/L	96%	72 - 140	10J4379	10/22/10 11:01
n-Butylbenzene	50.0	45.8		ug/L	92%	68 - 140	10J4379	10/22/10 11:01
tert-Butylbenzene	50.0	46.9		ug/L	94%	76 - 135	10J4379	10/22/10 11:01
Carbon disulfide	50.0	47.8		ug/L	96%	74 - 137	10J4379	10/22/10 11:01
Carbon Tetrachloride	50.0	39.9		ug/L	80%	71 - 137	10J4379	10/22/10 11:01
Chlorobenzene	50.0	46.0		ug/L	92%	80 - 121	10J4379	10/22/10 11:01
Chlorodibromomethane	50.0	47.9		ug/L	96%	68 - 137	10J4379	10/22/10 11:01
Chloroethane	50.0	45.4		ug/L	91%	50 - 146	10J4379	10/22/10 11:01
Chloroform	50.0	44.1		ug/L	88%	73 - 131	10J4379	10/22/10 11:01
Chloromethane	50.0	51.2		ug/L	102%	30 - 132	10J4379	10/22/10 11:01
2-Chlorotoluene	50.0	47.0		ug/L	94%	74 - 135	10J4379	10/22/10 11:01
4-Chlorotoluene	50.0	46.8		ug/L	94%	74 - 132	10J4379	10/22/10 11:01
1,2-Dibromo-3-chloropropane	50.0	48.3		ug/L	97%	56 - 145	10J4379	10/22/10 11:01
1,2-Dibromoethane (EDB)	50.0	49.1		ug/L	98%	80 - 135	10J4379	10/22/10 11:01
Dibromomethane	50.0	55.2		ug/L	110%	78 - 133	10J4379	10/22/10 11:01
1,4-Dichlorobenzene	50.0	44.4		ug/L	89%	80 - 120	10J4379	10/22/10 11:01
1,3-Dichlorobenzene	50.0	48.0		ug/L	96%	80 - 128	10J4379	10/22/10 11:01
1,2-Dichlorobenzene	50.0	46.7		ug/L	93%	80 - 125	10J4379	10/22/10 11:01
Dichlorodifluoromethane	50.0	28.6		ug/L	57%	30 - 132	10J4379	10/22/10 11:01
1,1-Dichloroethane	50.0	43.6		ug/L	87%	75 - 125	10J4379	10/22/10 11:01
1,2-Dichloroethane	50.0	35.0		ug/L	70%	70 - 134	10J4379	10/22/10 11:01
cis-1,2-Dichloroethene	50.0	42.7		ug/L	85%	71 - 132	10J4379	10/22/10 11:01
1,1-Dichloroethene	50.0	48.7		ug/L	97%	73 - 125	10J4379	10/22/10 11:01

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4379-BS1								
trans-1,2-Dichloroethene	50.0	44.8		ug/L	90%	77 - 125	10J4379	10/22/10 11:01
1,3-Dichloropropane	50.0	44.0		ug/L	88%	76 - 125	10J4379	10/22/10 11:01
1,2-Dichloropropane	50.0	46.8		ug/L	94%	72 - 120	10J4379	10/22/10 11:01
2,2-Dichloropropane	50.0	42.4		ug/L	85%	50 - 150	10J4379	10/22/10 11:01
cis-1,3-Dichloropropene	50.0	56.7		ug/L	113%	70 - 140	10J4379	10/22/10 11:01
trans-1,3-Dichloropropene	50.0	48.8		ug/L	98%	62 - 139	10J4379	10/22/10 11:01
1,1-Dichloropropene	50.0	45.4		ug/L	91%	78 - 126	10J4379	10/22/10 11:01
Ethylbenzene	50.0	49.8		ug/L	100%	78 - 133	10J4379	10/22/10 11:01
Hexachlorobutadiene	50.0	48.4		ug/L	97%	70 - 150	10J4379	10/22/10 11:01
2-Hexanone	250	216		ug/L	87%	60 - 150	10J4379	10/22/10 11:01
Isopropylbenzene	50.0	51.5		ug/L	103%	69 - 120	10J4379	10/22/10 11:01
p-Isopropyltoluene	50.0	46.2		ug/L	92%	72 - 134	10J4379	10/22/10 11:01
Methyl tert-Butyl Ether	50.0	47.5		ug/L	95%	76 - 120	10J4379	10/22/10 11:01
Methylene Chloride	50.0	49.3		ug/L	99%	80 - 133	10J4379	10/22/10 11:01
4-Methyl-2-pentanone	250	264		ug/L	105%	62 - 146	10J4379	10/22/10 11:01
Naphthalene	50.0	45.7		ug/L	91%	71 - 139	10J4379	10/22/10 11:01
n-Propylbenzene	50.0	50.9		ug/L	102%	70 - 143	10J4379	10/22/10 11:01
Styrene	50.0	48.8		ug/L	98%	80 - 136	10J4379	10/22/10 11:01
1,1,1,2-Tetrachloroethane	50.0	47.8		ug/L	96%	80 - 130	10J4379	10/22/10 11:01
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/L	96%	73 - 131	10J4379	10/22/10 11:01
Tetrachloroethene	50.0	43.9		ug/L	88%	77 - 131	10J4379	10/22/10 11:01
Toluene	50.0	45.7		ug/L	91%	78 - 125	10J4379	10/22/10 11:01
1,2,3-Trichlorobenzene	50.0	45.0		ug/L	90%	71 - 138	10J4379	10/22/10 11:01
1,2,4-Trichlorobenzene	50.0	47.5		ug/L	95%	74 - 136	10J4379	10/22/10 11:01
1,1,2-Trichloroethane	50.0	43.9		ug/L	88%	80 - 123	10J4379	10/22/10 11:01
1,1,1-Trichloroethane	50.0	40.6		ug/L	81%	75 - 137	10J4379	10/22/10 11:01
Trichloroethene	50.0	46.5		ug/L	93%	74 - 139	10J4379	10/22/10 11:01
Trichlorofluoromethane	50.0	32.8		ug/L	66%	60 - 133	10J4379	10/22/10 11:01
1,2,3-Trichloropropane	50.0	48.6		ug/L	97%	64 - 127	10J4379	10/22/10 11:01
1,3,5-Trimethylbenzene	50.0	51.5		ug/L	103%	75 - 134	10J4379	10/22/10 11:01
1,2,4-Trimethylbenzene	50.0	51.2		ug/L	102%	77 - 134	10J4379	10/22/10 11:01
Vinyl chloride	50.0	45.9		ug/L	92%	60 - 122	10J4379	10/22/10 11:01
Xylenes, total	150	148		ug/L	98%	78 - 134	10J4379	10/22/10 11:01
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	17.5			70%	63 - 140	10J4379	10/22/10 11:01
<i>Surrogate: Dibromofluoromethane</i>	25.0	22.0			88%	73 - 131	10J4379	10/22/10 11:01
<i>Surrogate: Toluene-d8</i>	25.0	23.6			95%	80 - 120	10J4379	10/22/10 11:01
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	24.8			99%	79 - 125	10J4379	10/22/10 11:01

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J5753-BSD1												
Total Organic Carbon	10.7			mg/L	10.0	107%	90 - 110	4	20	10J5753		10/29/10 14:53
Volatile Organic Compounds by EPA Method 8260B												
10J3293-BSD1												
Acetone	250			ug/L	250	100%	56 - 150	4	31	10J3293		10/21/10 10:20
Benzene	48.6			ug/L	50.0	97%	80 - 121	4	12	10J3293		10/21/10 10:20
Bromobenzene	46.3			ug/L	50.0	93%	72 - 130	5	23	10J3293		10/21/10 10:20
Bromochloromethane	45.5			ug/L	50.0	91%	73 - 137	2	32	10J3293		10/21/10 10:20
Bromodichloromethane	44.4			ug/L	50.0	89%	75 - 131	4	13	10J3293		10/21/10 10:20
Bromoform	45.2			ug/L	50.0	90%	65 - 140	1	18	10J3293		10/21/10 10:20
Bromomethane	48.3			ug/L	50.0	97%	50 - 150	5	50	10J3293		10/21/10 10:20
2-Butanone	254			ug/L	250	102%	70 - 144	2	37	10J3293		10/21/10 10:20
sec-Butylbenzene	46.8			ug/L	50.0	94%	72 - 140	6	21	10J3293		10/21/10 10:20
n-Butylbenzene	44.8			ug/L	50.0	90%	68 - 140	5	11	10J3293		10/21/10 10:20
tert-Butylbenzene	45.5			ug/L	50.0	91%	76 - 135	6	20	10J3293		10/21/10 10:20
Carbon disulfide	48.6			ug/L	50.0	97%	74 - 137	4	28	10J3293		10/21/10 10:20
Carbon Tetrachloride	39.8			ug/L	50.0	80%	71 - 137	4	26	10J3293		10/21/10 10:20
Chlorobenzene	46.3			ug/L	50.0	93%	80 - 121	5	11	10J3293		10/21/10 10:20
Chlorodibromomethane	49.2			ug/L	50.0	98%	68 - 137	2	16	10J3293		10/21/10 10:20
Chloroethane	45.3			ug/L	50.0	91%	50 - 146	3	35	10J3293		10/21/10 10:20
Chloroform	44.5			ug/L	50.0	89%	73 - 131	3	32	10J3293		10/21/10 10:20
Chloromethane	51.4			ug/L	50.0	103%	30 - 132	1	34	10J3293		10/21/10 10:20
2-Chlorotoluene	46.8			ug/L	50.0	94%	74 - 135	6	22	10J3293		10/21/10 10:20
4-Chlorotoluene	46.8			ug/L	50.0	94%	74 - 132	6	22	10J3293		10/21/10 10:20
1,2-Dibromo-3-chloropropane	44.0			ug/L	50.0	88%	56 - 145	3	21	10J3293		10/21/10 10:20
1,2-Dibromoethane (EDB)	48.2			ug/L	50.0	96%	80 - 135	0.5	10	10J3293		10/21/10 10:20
Dibromomethane	52.7			ug/L	50.0	105%	78 - 133	3	11	10J3293		10/21/10 10:20
1,4-Dichlorobenzene	44.0			ug/L	50.0	88%	80 - 120	4	10	10J3293		10/21/10 10:20
1,3-Dichlorobenzene	47.6			ug/L	50.0	95%	80 - 128	5	18	10J3293		10/21/10 10:20
1,2-Dichlorobenzene	46.7			ug/L	50.0	93%	80 - 125	4	11	10J3293		10/21/10 10:20
Dichlorodifluoromethane	30.2			ug/L	50.0	60%	30 - 132	2	32	10J3293		10/21/10 10:20
1,1-Dichloroethane	44.4			ug/L	50.0	89%	75 - 125	4	34	10J3293		10/21/10 10:20
1,2-Dichloroethane	35.8			ug/L	50.0	72%	70 - 134	3	25	10J3293		10/21/10 10:20
cis-1,2-Dichloroethene	43.4			ug/L	50.0	87%	71 - 132	3	32	10J3293		10/21/10 10:20
1,1-Dichloroethene	49.0			ug/L	50.0	98%	73 - 125	4	31	10J3293		10/21/10 10:20
trans-1,2-Dichloroethene	45.6			ug/L	50.0	91%	77 - 125	4	32	10J3293		10/21/10 10:20
1,3-Dichloropropane	45.2			ug/L	50.0	90%	76 - 125	0.8	20	10J3293		10/21/10 10:20
1,2-Dichloropropane	47.1			ug/L	50.0	94%	72 - 120	4	11	10J3293		10/21/10 10:20
2,2-Dichloropropane	43.2			ug/L	50.0	86%	50 - 150	3	11	10J3293		10/21/10 10:20
cis-1,3-Dichloropropene	57.9			ug/L	50.0	116%	70 - 140	0.4	35	10J3293		10/21/10 10:20
trans-1,3-Dichloropropene	49.8			ug/L	50.0	100%	62 - 139	0.5	26	10J3293		10/21/10 10:20

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J3293-BSD1												
1,1-Dichloropropene	45.2			ug/L	50.0	90%	78 - 126	4	18	10J3293		10/21/10 10:20
Ethylbenzene	49.9			ug/L	50.0	100%	78 - 133	1	12	10J3293		10/21/10 10:20
Hexachlorobutadiene	47.1			ug/L	50.0	94%	70 - 150	5	21	10J3293		10/21/10 10:20
2-Hexanone	219			ug/L	250	88%	60 - 150	1	20	10J3293		10/21/10 10:20
Isopropylbenzene	50.7			ug/L	50.0	101%	69 - 120	1	15	10J3293		10/21/10 10:20
p-Isopropyltoluene	45.4			ug/L	50.0	91%	72 - 134	5	18	10J3293		10/21/10 10:20
Methyl tert-Butyl Ether	45.1			ug/L	50.0	90%	76 - 120	0.6	32	10J3293		10/21/10 10:20
Methylene Chloride	49.0			ug/L	50.0	98%	80 - 133	3	36	10J3293		10/21/10 10:20
4-Methyl-2-pentanone	269			ug/L	250	108%	62 - 146	0.07	35	10J3293		10/21/10 10:20
Naphthalene	42.8			ug/L	50.0	86%	71 - 139	4	30	10J3293		10/21/10 10:20
n-Propylbenzene	50.2			ug/L	50.0	100%	70 - 143	6	23	10J3293		10/21/10 10:20
Styrene	49.0			ug/L	50.0	98%	80 - 136	2	29	10J3293		10/21/10 10:20
1,1,1,2-Tetrachloroethane	48.1			ug/L	50.0	96%	80 - 130	3	11	10J3293		10/21/10 10:20
1,1,2,2-Tetrachloroethane	47.5			ug/L	50.0	95%	73 - 131	4	28	10J3293		10/21/10 10:20
Tetrachloroethene	44.8			ug/L	50.0	90%	77 - 131	2	16	10J3293		10/21/10 10:20
Toluene	46.5			ug/L	50.0	93%	78 - 125	2	35	10J3293		10/21/10 10:20
1,2,3-Trichlorobenzene	43.2			ug/L	50.0	86%	71 - 138	5	28	10J3293		10/21/10 10:20
1,2,4-Trichlorobenzene	44.9			ug/L	50.0	90%	74 - 136	5	23	10J3293		10/21/10 10:20
1,1,2-Trichloroethane	44.8			ug/L	50.0	90%	80 - 123	0.6	21	10J3293		10/21/10 10:20
1,1,1-Trichloroethane	40.4			ug/L	50.0	81%	75 - 137	4	29	10J3293		10/21/10 10:20
Trichloroethene	46.2			ug/L	50.0	92%	74 - 139	4	11	10J3293		10/21/10 10:20
Trichlorofluoromethane	33.6			ug/L	50.0	67%	60 - 133	2	33	10J3293		10/21/10 10:20
1,2,3-Trichloropropane	49.0			ug/L	50.0	98%	64 - 127	4	25	10J3293		10/21/10 10:20
1,3,5-Trimethylbenzene	50.9			ug/L	50.0	102%	75 - 134	6	21	10J3293		10/21/10 10:20
1,2,4-Trimethylbenzene	50.6			ug/L	50.0	101%	77 - 134	6	20	10J3293		10/21/10 10:20
Vinyl chloride	46.4			ug/L	50.0	93%	60 - 122	3	32	10J3293		10/21/10 10:20
Xylenes, total	147			ug/L	150	98%	78 - 134	1	18	10J3293		10/21/10 10:20
Surrogate: 1,2-Dichloroethane-d4	17.6			ug/L	25.0	70%	63 - 140			10J3293		10/21/10 10:20
Surrogate: Dibromofluoromethane	22.1			ug/L	25.0	89%	73 - 131			10J3293		10/21/10 10:20
Surrogate: Toluene-d8	23.9			ug/L	25.0	96%	80 - 120			10J3293		10/21/10 10:20
Surrogate: 4-Bromofluorobenzene	24.2			ug/L	25.0	97%	79 - 125			10J3293		10/21/10 10:20

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2388
		Project Name:	C&D Conyers GA
Attn	Craig Bernhoff	Project Number:	20500332.00001
		Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10J3865-MS1										
Nitrate as N	ND	2.90		mg/L	3.00	97%	80 - 120	10J3865	NTJ2388-01	10/20/10 20:48
Sulfate	7.28	21.3		mg/L	15.0	93%	80 - 120	10J3865	NTJ2388-01	10/20/10 20:48
10J4948-MS1										
Alkalinity, Total (CaCO ₃)	42.9	135		mg/L	100	93%	80 - 120	10J4948	NTJ2229-05	11/01/10 20:42
10J5394-MS1										
Total Organic Carbon	ND	20.0		mg/L	20.0	100%	66 - 135	10J5394	NTJ2388-01	10/28/10 13:18
10J5753-MS1										
Total Organic Carbon	5.89	22.7		mg/L	20.0	84%	66 - 135	10J5753	NTJ3290-01	10/29/10 14:53
Dissolved Metals by EPA Method 6010B										
10J3918-MS1										
Iron	0.502	1.36		mg/L	1.00	86%	75 - 125	10J3918	NTJ2420-01	10/27/10 04:44
Manganese	0.0331	0.511		mg/L	0.500	96%	75 - 125	10J3918	NTJ2420-01	10/27/10 04:44
Volatile Organic Compounds by EPA Method 8260B										
10J3293-MS1										
Acetone	ND	248		ug/L	250	99%	56 - 150	10J3293	NTJ2136-01	10/21/10 19:10
Benzene	ND	49.4		ug/L	50.0	99%	65 - 151	10J3293	NTJ2136-01	10/21/10 19:10
Bromobenzene	ND	45.2		ug/L	50.0	90%	69 - 142	10J3293	NTJ2136-01	10/21/10 19:10
Bromochloromethane	ND	46.0		ug/L	50.0	92%	64 - 154	10J3293	NTJ2136-01	10/21/10 19:10
Bromodichloromethane	ND	46.6		ug/L	50.0	93%	75 - 138	10J3293	NTJ2136-01	10/21/10 19:10
Bromoform	ND	47.5		ug/L	50.0	95%	55 - 153	10J3293	NTJ2136-01	10/21/10 19:10
Bromomethane	ND	41.9		ug/L	50.0	84%	13 - 176	10J3293	NTJ2136-01	10/21/10 19:10
2-Butanone	ND	242		ug/L	250	97%	45 - 164	10J3293	NTJ2136-01	10/21/10 19:10
sec-Butylbenzene	ND	44.7		ug/L	50.0	89%	68 - 159	10J3293	NTJ2136-01	10/21/10 19:10
n-Butylbenzene	ND	42.1		ug/L	50.0	84%	67 - 151	10J3293	NTJ2136-01	10/21/10 19:10
tert-Butylbenzene	ND	43.7		ug/L	50.0	87%	73 - 153	10J3293	NTJ2136-01	10/21/10 19:10
Carbon disulfide	ND	44.5		ug/L	50.0	89%	33 - 187	10J3293	NTJ2136-01	10/21/10 19:10
Carbon Tetrachloride	ND	43.2		ug/L	50.0	86%	64 - 157	10J3293	NTJ2136-01	10/21/10 19:10
Chlorobenzene	ND	48.8		ug/L	50.0	98%	78 - 136	10J3293	NTJ2136-01	10/21/10 19:10
Chlorodibromomethane	ND	55.3		ug/L	50.0	111%	64 - 145	10J3293	NTJ2136-01	10/21/10 19:10
Chloroethane	ND	46.9		ug/L	50.0	94%	48 - 159	10J3293	NTJ2136-01	10/21/10 19:10
Chloroform	ND	47.9		ug/L	50.0	96%	72 - 145	10J3293	NTJ2136-01	10/21/10 19:10
Chloromethane	ND	47.2		ug/L	50.0	94%	10 - 194	10J3293	NTJ2136-01	10/21/10 19:10
2-Chlorotoluene	ND	45.7		ug/L	50.0	91%	66 - 155	10J3293	NTJ2136-01	10/21/10 19:10
4-Chlorotoluene	ND	46.2		ug/L	50.0	92%	69 - 149	10J3293	NTJ2136-01	10/21/10 19:10

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J3293-MS1										
1,2-Dibromo-3-chloropropane	ND	38.8		ug/L	50.0	78%	49 - 162	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dibromoethane (EDB)	ND	50.8		ug/L	50.0	102%	70 - 152	10J3293	NTJ2136-01	10/21/10 19:10
Dibromomethane	ND	54.1		ug/L	50.0	108%	75 - 141	10J3293	NTJ2136-01	10/21/10 19:10
1,4-Dichlorobenzene	ND	43.4		ug/L	50.0	87%	75 - 135	10J3293	NTJ2136-01	10/21/10 19:10
1,3-Dichlorobenzene	ND	46.4		ug/L	50.0	93%	72 - 146	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dichlorobenzene	ND	45.6		ug/L	50.0	91%	80 - 136	10J3293	NTJ2136-01	10/21/10 19:10
Dichlorodifluoromethane	ND	30.7		ug/L	50.0	61%	23 - 159	10J3293	NTJ2136-01	10/21/10 19:10
1,1-Dichloroethane	ND	47.1		ug/L	50.0	94%	64 - 154	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dichloroethane	ND	37.4		ug/L	50.0	75%	72 - 137	10J3293	NTJ2136-01	10/21/10 19:10
cis-1,2-Dichloroethene	ND	44.8		ug/L	50.0	90%	57 - 154	10J3293	NTJ2136-01	10/21/10 19:10
1,1-Dichloroethene	ND	49.1		ug/L	50.0	98%	34 - 151	10J3293	NTJ2136-01	10/21/10 19:10
trans-1,2-Dichloroethene	ND	46.0		ug/L	50.0	92%	57 - 157	10J3293	NTJ2136-01	10/21/10 19:10
1,3-Dichloropropane	ND	51.1		ug/L	50.0	102%	71 - 137	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dichloropropane	ND	48.9		ug/L	50.0	98%	71 - 139	10J3293	NTJ2136-01	10/21/10 19:10
2,2-Dichloropropane	ND	44.4		ug/L	50.0	89%	10 - 198	10J3293	NTJ2136-01	10/21/10 19:10
cis-1,3-Dichloropropene	ND	59.7		ug/L	50.0	119%	56 - 156	10J3293	NTJ2136-01	10/21/10 19:10
trans-1,3-Dichloropropene	ND	51.3		ug/L	50.0	103%	47 - 157	10J3293	NTJ2136-01	10/21/10 19:10
1,1-Dichloropropene	ND	45.8		ug/L	50.0	92%	70 - 155	10J3293	NTJ2136-01	10/21/10 19:10
Ethylbenzene	ND	52.6		ug/L	50.0	105%	68 - 157	10J3293	NTJ2136-01	10/21/10 19:10
Hexachlorobutadiene	ND	39.2		ug/L	50.0	78%	47 - 173	10J3293	NTJ2136-01	10/21/10 19:10
2-Hexanone	ND	242		ug/L	250	97%	57 - 154	10J3293	NTJ2136-01	10/21/10 19:10
Isopropylbenzene	ND	53.5		ug/L	50.0	107%	69 - 139	10J3293	NTJ2136-01	10/21/10 19:10
p-Isopropyltoluene	ND	43.5		ug/L	50.0	87%	69 - 151	10J3293	NTJ2136-01	10/21/10 19:10
Methyl tert-Butyl Ether	ND	45.5		ug/L	50.0	91%	56 - 152	10J3293	NTJ2136-01	10/21/10 19:10
Methylene Chloride	ND	50.1		ug/L	50.0	100%	71 - 136	10J3293	NTJ2136-01	10/21/10 19:10
4-Methyl-2-pentanone	ND	285		ug/L	250	114%	62 - 159	10J3293	NTJ2136-01	10/21/10 19:10
Naphthalene	ND	34.6		ug/L	50.0	69%	56 - 161	10J3293	NTJ2136-01	10/21/10 19:10
n-Propylbenzene	ND	49.1		ug/L	50.0	98%	61 - 167	10J3293	NTJ2136-01	10/21/10 19:10
Styrene	ND	51.3		ug/L	50.0	103%	69 - 150	10J3293	NTJ2136-01	10/21/10 19:10
1,1,1,2-Tetrachloroethane	ND	52.1		ug/L	50.0	104%	80 - 140	10J3293	NTJ2136-01	10/21/10 19:10
1,1,2,2-Tetrachloroethane	ND	47.3		ug/L	50.0	95%	76 - 141	10J3293	NTJ2136-01	10/21/10 19:10
Tetrachloroethene	ND	48.8		ug/L	50.0	98%	63 - 155	10J3293	NTJ2136-01	10/21/10 19:10
Toluene	ND	48.5		ug/L	50.0	97%	61 - 153	10J3293	NTJ2136-01	10/21/10 19:10
1,2,3-Trichlorobenzene	ND	34.3		ug/L	50.0	69%	57 - 155	10J3293	NTJ2136-01	10/21/10 19:10
1,2,4-Trichlorobenzene	ND	37.5		ug/L	50.0	75%	64 - 147	10J3293	NTJ2136-01	10/21/10 19:10
1,1,2-Trichloroethane	ND	48.4		ug/L	50.0	97%	74 - 138	10J3293	NTJ2136-01	10/21/10 19:10
1,1,1-Trichloroethane	ND	43.4		ug/L	50.0	87%	78 - 153	10J3293	NTJ2136-01	10/21/10 19:10

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
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 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J3293-MS1										
Trichloroethene	ND	47.1		ug/L	50.0	94%	74 - 139	10J3293	NTJ2136-01	10/21/10 19:10
Trichlorofluoromethane	ND	35.1		ug/L	50.0	70%	53 - 149	10J3293	NTJ2136-01	10/21/10 19:10
1,2,3-Trichloropropane	ND	48.1		ug/L	50.0	96%	49 - 148	10J3293	NTJ2136-01	10/21/10 19:10
1,3,5-Trimethylbenzene	ND	49.2		ug/L	50.0	98%	67 - 151	10J3293	NTJ2136-01	10/21/10 19:10
1,2,4-Trimethylbenzene	ND	48.9		ug/L	50.0	98%	69 - 150	10J3293	NTJ2136-01	10/21/10 19:10
Vinyl chloride	ND	46.6		ug/L	50.0	93%	53 - 137	10J3293	NTJ2136-01	10/21/10 19:10
Xylenes, total	ND	156		ug/L	150	104%	68 - 158	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: 1,2-Dichloroethane-d4		18.7		ug/L	25.0	75%	63 - 140	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: Dibromofluoromethane		23.5		ug/L	25.0	94%	73 - 131	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: Toluene-d8		24.6		ug/L	25.0	98%	80 - 120	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: 4-Bromofluorobenzene		23.2		ug/L	25.0	93%	79 - 125	10J3293	NTJ2136-01	10/21/10 19:10
10J4379-MS1										
Acetone	ND	118000		ug/L	125000	94%	56 - 150	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Benzene	ND	25300		ug/L	25000	101%	65 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromobenzene	ND	23300		ug/L	25000	93%	69 - 142	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromochloromethane	ND	24300		ug/L	25000	97%	64 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromodichloromethane	ND	23200		ug/L	25000	93%	75 - 138	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromoform	ND	23100		ug/L	25000	92%	55 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromomethane	ND	20600		ug/L	25000	82%	13 - 176	10J4379	NTJ2388-02RE 1	10/22/10 21:15
2-Butanone	ND	121000		ug/L	125000	97%	45 - 164	10J4379	NTJ2388-02RE 1	10/22/10 21:15
sec-Butylbenzene	ND	24200		ug/L	25000	97%	68 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15
n-Butylbenzene	185	22700		ug/L	25000	90%	67 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
tert-Butylbenzene	355	23600		ug/L	25000	93%	73 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Carbon disulfide	ND	24700		ug/L	25000	99%	33 - 187	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Carbon Tetrachloride	ND	21000		ug/L	25000	84%	64 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chlorobenzene	ND	24300		ug/L	25000	97%	78 - 136	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chlorodibromomethane	ND	27200		ug/L	25000	109%	64 - 145	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chloroethane	ND	23500		ug/L	25000	94%	48 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2388
		Project Name:	C&D Conyers GA
Attn	Craig Bernhoff	Project Number:	20500332.00001
		Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4379-MS1										
Chloroform	ND	23400		ug/L	25000	94%	72 - 145	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chloromethane	ND	24500		ug/L	25000	98%	10 - 194	10J4379	NTJ2388-02RE 1	10/22/10 21:15
2-Chlorotoluene	ND	24100		ug/L	25000	96%	66 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
4-Chlorotoluene	ND	23900		ug/L	25000	96%	69 - 149	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dibromo-3-chloropropane	ND	20700		ug/L	25000	83%	49 - 162	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dibromoethane (EDB)	ND	25600		ug/L	25000	102%	70 - 152	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Dibromomethane	ND	27500		ug/L	25000	110%	75 - 141	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,4-Dichlorobenzene	ND	22400		ug/L	25000	89%	75 - 135	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,3-Dichlorobenzene	ND	24200		ug/L	25000	97%	72 - 146	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dichlorobenzene	ND	23400		ug/L	25000	94%	80 - 136	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Dichlorodifluoromethane	ND	12600		ug/L	25000	51%	23 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1-Dichloroethane	ND	23000		ug/L	25000	92%	64 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dichloroethane	410	18300	M8	ug/L	25000	71%	72 - 137	10J4379	NTJ2388-02RE 1	10/22/10 21:15
cis-1,2-Dichloroethene	ND	22200		ug/L	25000	89%	57 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1-Dichloroethene	ND	25200		ug/L	25000	101%	34 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
trans-1,2-Dichloroethene	ND	23500		ug/L	25000	94%	57 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,3-Dichloropropane	ND	24400		ug/L	25000	98%	71 - 137	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dichloropropane	ND	24500		ug/L	25000	98%	71 - 139	10J4379	NTJ2388-02RE 1	10/22/10 21:15
2,2-Dichloropropane	ND	21000		ug/L	25000	84%	10 - 198	10J4379	NTJ2388-02RE 1	10/22/10 21:15
cis-1,3-Dichloropropene	ND	30000		ug/L	25000	120%	56 - 156	10J4379	NTJ2388-02RE 1	10/22/10 21:15
trans-1,3-Dichloropropene	ND	27000		ug/L	25000	108%	47 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1-Dichloropropene	ND	23600		ug/L	25000	94%	70 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Ethylbenzene	ND	26100		ug/L	25000	105%	68 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Hexachlorobutadiene	ND	22900		ug/L	25000	91%	47 - 173	10J4379	NTJ2388-02RE 1	10/22/10 21:15

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		Project Name:	C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4379-MS1										
2-Hexanone										
	ND	113000		ug/L	125000	91%	57 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Isopropylbenzene	ND	27000		ug/L	25000	108%	69 - 139	10J4379	NTJ2388-02RE 1	10/22/10 21:15
p-Isopropyltoluene	ND	23300		ug/L	25000	93%	69 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Methyl tert-Butyl Ether	ND	23300		ug/L	25000	93%	56 - 152	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Methylene Chloride	ND	25900		ug/L	25000	104%	71 - 136	10J4379	NTJ2388-02RE 1	10/22/10 21:15
4-Methyl-2-pentanone	1740	132000		ug/L	125000	104%	62 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Naphthalene	1430	18100		ug/L	25000	67%	56 - 161	10J4379	NTJ2388-02RE 1	10/22/10 21:15
n-Propylbenzene	ND	25800		ug/L	25000	103%	61 - 167	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Styrene	ND	25600		ug/L	25000	102%	69 - 150	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,1,2-Tetrachloroethane	ND	25300		ug/L	25000	101%	80 - 140	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,2,2-Tetrachloroethane	ND	23300		ug/L	25000	93%	76 - 141	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Tetrachloroethene	ND	24800		ug/L	25000	99%	63 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Toluene	ND	24700		ug/L	25000	99%	61 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,3-Trichlorobenzene	ND	18000		ug/L	25000	72%	57 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,4-Trichlorobenzene	ND	20800		ug/L	25000	83%	64 - 147	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,2-Trichloroethane	ND	24300		ug/L	25000	97%	74 - 138	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,1-Trichloroethane	ND	21300		ug/L	25000	85%	78 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Trichloroethene	15300	39000		ug/L	25000	95%	74 - 139	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Trichlorofluoromethane	ND	16700		ug/L	25000	67%	53 - 149	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,3-Trichloropropane	8050	23700		ug/L	25000	63%	49 - 148	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,3,5-Trimethylbenzene	ND	26300		ug/L	25000	105%	67 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,4-Trimethylbenzene	210	26200		ug/L	25000	104%	69 - 150	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Vinyl chloride	ND	23100		ug/L	25000	92%	53 - 137	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Xylenes, total	ND	77600		ug/L	75000	103%	68 - 158	10J4379	NTJ2388-02RE 1	10/22/10 21:15

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1000 Corporate Center, Suite 250
Franklin, TN 37067
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4379-MS1										
Surrogate: 1,2-Dichloroethane-d4		17.8		ug/L	25.0	71%	63 - 140	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Surrogate: Dibromofluoromethane		22.4		ug/L	25.0	89%	73 - 131	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Surrogate: Toluene-d8		24.4		ug/L	25.0	98%	80 - 120	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Surrogate: 4-Bromofluorobenzene		24.3		ug/L	25.0	97%	79 - 125	10J4379	NTJ2388-02RE 1	10/22/10 21:15

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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J3865-MSD1												
Nitrate as N												
Nitrate as N	ND	2.92		mg/L	3.00	97%	80 - 120	0.5	20	10J3865	NTJ2388-01	10/20/10 21:07
Sulfate	7.28	21.5		mg/L	15.0	95%	80 - 120	0.9	20	10J3865	NTJ2388-01	10/20/10 21:07
10J5394-MSD1												
Total Organic Carbon												
Total Organic Carbon	ND	19.8		mg/L	20.0	99%	66 - 135	0.8	20	10J5394	NTJ2388-01	10/28/10 13:18
10J5753-MSD1												
Total Organic Carbon												
Total Organic Carbon	5.89	22.8		mg/L	20.0	85%	66 - 135	0.7	20	10J5753	NTJ3290-01	10/29/10 14:53
Dissolved Metals by EPA Method 6010B												
10J3918-MSD1												
Iron												
Iron	0.502	1.37		mg/L	1.00	87%	75 - 125	0.4	20	10J3918	NTJ2420-01	10/27/10 04:47
Manganese	0.0331	0.509		mg/L	0.500	95%	75 - 125	0.5	20	10J3918	NTJ2420-01	10/27/10 04:47
Volatile Organic Compounds by EPA Method 8260B												
10J3293-MSD1												
Acetone												
Acetone	ND	218		ug/L	250	87%	56 - 150	13	31	10J3293	NTJ2136-01	10/21/10 19:38
Benzene	ND	45.8		ug/L	50.0	92%	65 - 151	8	12	10J3293	NTJ2136-01	10/21/10 19:38
Bromobenzene	ND	41.8		ug/L	50.0	84%	69 - 142	8	23	10J3293	NTJ2136-01	10/21/10 19:38
Bromochloromethane	ND	41.7		ug/L	50.0	83%	64 - 154	10	32	10J3293	NTJ2136-01	10/21/10 19:38
Bromodichloromethane	ND	42.8		ug/L	50.0	86%	75 - 138	8	13	10J3293	NTJ2136-01	10/21/10 19:38
Bromoform	ND	42.9		ug/L	50.0	86%	55 - 153	10	18	10J3293	NTJ2136-01	10/21/10 19:38
Bromomethane	ND	44.5		ug/L	50.0	89%	13 - 176	6	50	10J3293	NTJ2136-01	10/21/10 19:38
2-Butanone	ND	229		ug/L	250	91%	45 - 164	6	37	10J3293	NTJ2136-01	10/21/10 19:38
sec-Butylbenzene	ND	42.2		ug/L	50.0	84%	68 - 159	6	21	10J3293	NTJ2136-01	10/21/10 19:38
n-Butylbenzene	ND	39.5		ug/L	50.0	79%	67 - 151	6	11	10J3293	NTJ2136-01	10/21/10 19:38
tert-Butylbenzene	ND	40.9		ug/L	50.0	82%	73 - 153	7	20	10J3293	NTJ2136-01	10/21/10 19:38
Carbon disulfide	ND	42.0		ug/L	50.0	84%	33 - 187	6	28	10J3293	NTJ2136-01	10/21/10 19:38
Carbon Tetrachloride	ND	39.7		ug/L	50.0	79%	64 - 157	8	26	10J3293	NTJ2136-01	10/21/10 19:38
Chlorobenzene	ND	44.6		ug/L	50.0	89%	78 - 136	9	11	10J3293	NTJ2136-01	10/21/10 19:38
Chlorodibromomethane	ND	50.7		ug/L	50.0	101%	64 - 145	9	16	10J3293	NTJ2136-01	10/21/10 19:38
Chloroethane	ND	43.9		ug/L	50.0	88%	48 - 159	7	35	10J3293	NTJ2136-01	10/21/10 19:38
Chloroform	ND	43.8		ug/L	50.0	88%	72 - 145	9	32	10J3293	NTJ2136-01	10/21/10 19:38
Chloromethane	ND	45.2		ug/L	50.0	90%	10 - 194	4	34	10J3293	NTJ2136-01	10/21/10 19:38
2-Chlorotoluene	ND	42.3		ug/L	50.0	85%	66 - 155	8	22	10J3293	NTJ2136-01	10/21/10 19:38
4-Chlorotoluene	ND	42.5		ug/L	50.0	85%	69 - 149	8	22	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dibromo-3-chloropropane	ND	37.8		ug/L	50.0	76%	49 - 162	3	21	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dibromoethane (EDB)	ND	46.6		ug/L	50.0	93%	70 - 152	9	10	10J3293	NTJ2136-01	10/21/10 19:38
Dibromomethane	ND	49.1		ug/L	50.0	98%	75 - 141	10	11	10J3293	NTJ2136-01	10/21/10 19:38
1,4-Dichlorobenzene	ND	40.0		ug/L	50.0	80%	75 - 135	8	10	10J3293	NTJ2136-01	10/21/10 19:38
1,3-Dichlorobenzene	ND	42.9		ug/L	50.0	86%	72 - 146	8	18	10J3293	NTJ2136-01	10/21/10 19:38

Client URS Corporation (6171)
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J3293-MSD1												
1,2-Dichlorobenzene	ND	42.1		ug/L	50.0	84%	80 - 136	8	11	10J3293	NTJ2136-01	10/21/10 19:38
Dichlorodifluoromethane	ND	28.4		ug/L	50.0	57%	23 - 159	8	32	10J3293	NTJ2136-01	10/21/10 19:38
1,1-Dichloroethane	ND	43.2		ug/L	50.0	86%	64 - 154	9	34	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dichloroethane	ND	34.3	M8	ug/L	50.0	69%	72 - 137	9	25	10J3293	NTJ2136-01	10/21/10 19:38
cis-1,2-Dichloroethene	ND	41.8		ug/L	50.0	84%	57 - 154	7	32	10J3293	NTJ2136-01	10/21/10 19:38
1,1-Dichloroethene	ND	46.9		ug/L	50.0	94%	34 - 151	5	31	10J3293	NTJ2136-01	10/21/10 19:38
trans-1,2-Dichloroethene	ND	43.1		ug/L	50.0	86%	57 - 157	7	32	10J3293	NTJ2136-01	10/21/10 19:38
1,3-Dichloropropane	ND	46.4		ug/L	50.0	93%	71 - 137	10	20	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dichloropropane	ND	45.4		ug/L	50.0	91%	71 - 139	8	11	10J3293	NTJ2136-01	10/21/10 19:38
2,2-Dichloropropane	ND	41.2		ug/L	50.0	82%	10 - 198	8	11	10J3293	NTJ2136-01	10/21/10 19:38
cis-1,3-Dichloropropene	ND	54.8		ug/L	50.0	110%	56 - 156	9	35	10J3293	NTJ2136-01	10/21/10 19:38
trans-1,3-Dichloropropene	ND	46.8		ug/L	50.0	94%	47 - 157	9	26	10J3293	NTJ2136-01	10/21/10 19:38
1,1-Dichloropropene	ND	43.0		ug/L	50.0	86%	70 - 155	6	18	10J3293	NTJ2136-01	10/21/10 19:38
Ethylbenzene	ND	48.0		ug/L	50.0	96%	68 - 157	9	12	10J3293	NTJ2136-01	10/21/10 19:38
Hexachlorobutadiene	ND	39.5		ug/L	50.0	79%	47 - 173	0.7	21	10J3293	NTJ2136-01	10/21/10 19:38
2-Hexanone	ND	225		ug/L	250	90%	57 - 154	7	20	10J3293	NTJ2136-01	10/21/10 19:38
Isopropylbenzene	ND	49.3		ug/L	50.0	99%	69 - 139	8	15	10J3293	NTJ2136-01	10/21/10 19:38
p-Isopropyltoluene	ND	40.7		ug/L	50.0	81%	69 - 151	7	18	10J3293	NTJ2136-01	10/21/10 19:38
Methyl tert-Butyl Ether	ND	42.7		ug/L	50.0	85%	56 - 152	6	32	10J3293	NTJ2136-01	10/21/10 19:38
Methylene Chloride	ND	46.4		ug/L	50.0	93%	71 - 136	8	36	10J3293	NTJ2136-01	10/21/10 19:38
4-Methyl-2-pentanone	ND	257		ug/L	250	103%	62 - 159	10	35	10J3293	NTJ2136-01	10/21/10 19:38
Naphthalene	ND	36.4		ug/L	50.0	73%	56 - 161	5	30	10J3293	NTJ2136-01	10/21/10 19:38
n-Propylbenzene	ND	45.6		ug/L	50.0	91%	61 - 167	7	23	10J3293	NTJ2136-01	10/21/10 19:38
Styrene	ND	46.4		ug/L	50.0	93%	69 - 150	10	29	10J3293	NTJ2136-01	10/21/10 19:38
1,1,1,2-Tetrachloroethane	ND	47.0		ug/L	50.0	94%	80 - 140	10	11	10J3293	NTJ2136-01	10/21/10 19:38
1,1,2,2-Tetrachloroethane	ND	43.3		ug/L	50.0	87%	76 - 141	9	28	10J3293	NTJ2136-01	10/21/10 19:38
Tetrachloroethene	ND	44.9		ug/L	50.0	90%	63 - 155	8	16	10J3293	NTJ2136-01	10/21/10 19:38
Toluene	ND	44.3		ug/L	50.0	89%	61 - 153	9	35	10J3293	NTJ2136-01	10/21/10 19:38
1,2,3-Trichlorobenzene	ND	36.4		ug/L	50.0	73%	57 - 155	6	28	10J3293	NTJ2136-01	10/21/10 19:38
1,2,4-Trichlorobenzene	ND	37.3		ug/L	50.0	75%	64 - 147	0.6	23	10J3293	NTJ2136-01	10/21/10 19:38
1,1,2-Trichloroethane	ND	45.6		ug/L	50.0	91%	74 - 138	6	21	10J3293	NTJ2136-01	10/21/10 19:38
1,1,1-Trichloroethane	ND	40.1		ug/L	50.0	80%	78 - 153	8	29	10J3293	NTJ2136-01	10/21/10 19:38
Trichloroethene	ND	44.0		ug/L	50.0	88%	74 - 139	7	11	10J3293	NTJ2136-01	10/21/10 19:38
Trichlorofluoromethane	ND	33.0		ug/L	50.0	66%	53 - 149	6	33	10J3293	NTJ2136-01	10/21/10 19:38
1,2,3-Trichloropropane	ND	43.9		ug/L	50.0	88%	49 - 148	9	25	10J3293	NTJ2136-01	10/21/10 19:38
1,3,5-Trimethylbenzene	ND	45.7		ug/L	50.0	91%	67 - 151	7	21	10J3293	NTJ2136-01	10/21/10 19:38
1,2,4-Trimethylbenzene	ND	45.3		ug/L	50.0	91%	69 - 150	8	20	10J3293	NTJ2136-01	10/21/10 19:38
Vinyl chloride	ND	44.7		ug/L	50.0	89%	53 - 137	4	32	10J3293	NTJ2136-01	10/21/10 19:38
Xylenes, total	ND	143		ug/L	150	95%	68 - 158	9	18	10J3293	NTJ2136-01	10/21/10 19:38
Surrogate: 1,2-Dichloroethane-d4		18.4		ug/L	25.0	74%	63 - 140			10J3293	NTJ2136-01	10/21/10 19:38
Surrogate: Dibromofluoromethane		23.1		ug/L	25.0	92%	73 - 131			10J3293	NTJ2136-01	10/21/10 19:38

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J3293-MSD1												
Surrogate: Toluene-d8		24.4		ug/L	25.0	98%	80 - 120			10J3293	NTJ2136-01	10/21/10 19:38
Surrogate: 4-Bromofluorobenzene		23.3		ug/L	25.0	93%	79 - 125			10J3293	NTJ2136-01	10/21/10 19:38
10J4379-MSD1												
Acetone	ND	122000		ug/L	125000	98%	56 - 150	4	31	10J4379	NTJ2388-02RE	10/22/10 21:43
Benzene	ND	25300		ug/L	25000	101%	65 - 151	0.02	12	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromobenzene	ND	23400		ug/L	25000	93%	69 - 142	0.3	23	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromochloromethane	ND	23600		ug/L	25000	95%	64 - 154	3	32	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromodichloromethane	ND	23100		ug/L	25000	92%	75 - 138	0.8	13	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromoform	ND	23400		ug/L	25000	94%	55 - 153	1	18	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromomethane	ND	23300		ug/L	25000	93%	13 - 176	12	50	10J4379	NTJ2388-02RE	10/22/10 21:43
2-Butanone	ND	125000		ug/L	125000	100%	45 - 164	3	37	10J4379	NTJ2388-02RE	10/22/10 21:43
sec-Butylbenzene	ND	25100		ug/L	25000	100%	68 - 159	3	21	10J4379	NTJ2388-02RE	10/22/10 21:43
n-Butylbenzene	185	23600		ug/L	25000	94%	67 - 151	4	11	10J4379	NTJ2388-02RE	10/22/10 21:43
tert-Butylbenzene	355	24200		ug/L	25000	95%	73 - 153	2	20	10J4379	NTJ2388-02RE	10/22/10 21:43
Carbon disulfide	ND	24900		ug/L	25000	100%	33 - 187	0.9	28	10J4379	NTJ2388-02RE	10/22/10 21:43
Carbon Tetrachloride	ND	21300		ug/L	25000	85%	64 - 157	1	26	10J4379	NTJ2388-02RE	10/22/10 21:43
Chlorobenzene	ND	24300		ug/L	25000	97%	78 - 136	0.2	11	10J4379	NTJ2388-02RE	10/22/10 21:43
Chlorodibromomethane	ND	26900		ug/L	25000	108%	64 - 145	0.8	16	10J4379	NTJ2388-02RE	10/22/10 21:43
Chloroethane	ND	23600		ug/L	25000	94%	48 - 159	0.3	35	10J4379	NTJ2388-02RE	10/22/10 21:43
Chloroform	ND	23300		ug/L	25000	93%	72 - 145	0.3	32	10J4379	NTJ2388-02RE	10/22/10 21:43
Chloromethane	ND	24600		ug/L	25000	98%	10 - 194	0.5	34	10J4379	NTJ2388-02RE	10/22/10 21:43
2-Chlorotoluene	ND	24400		ug/L	25000	98%	66 - 155	1	22	10J4379	NTJ2388-02RE	10/22/10 21:43
4-Chlorotoluene	ND	24000		ug/L	25000	96%	69 - 149	0.6	22	10J4379	NTJ2388-02RE	10/22/10 21:43
1,2-Dibromo-3-chloropropane	ND	22200		ug/L	25000	89%	49 - 162	7	21	10J4379	NTJ2388-02RE	10/22/10 21:43
1,2-Dibromoethane (EDB)	ND	25600		ug/L	25000	102%	70 - 152	0.1	10	10J4379	NTJ2388-02RE	10/22/10 21:43
Dibromomethane	ND	26800		ug/L	25000	107%	75 - 141	3	11	10J4379	NTJ2388-02RE	10/22/10 21:43

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4379-MSD1												
1,4-Dichlorobenzene	ND	22900		ug/L	25000	91%	75 - 135	2	10	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,3-Dichlorobenzene	ND	24700		ug/L	25000	99%	72 - 146	2	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2-Dichlorobenzene	ND	23700		ug/L	25000	95%	80 - 136	1	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Dichlorodifluoromethane	ND	13300		ug/L	25000	53%	23 - 159	5	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1-Dichloroethane	ND	23100		ug/L	25000	92%	64 - 154	0.2	34	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2-Dichloroethane	410	18200	M8	ug/L	25000	71%	72 - 137	0.2	25	10J4379	NTJ2388-02RE 1	10/22/10 21:43
cis-1,2-Dichloroethene	ND	22300		ug/L	25000	89%	57 - 154	0.4	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1-Dichloroethene	ND	25400		ug/L	25000	102%	34 - 151	0.7	31	10J4379	NTJ2388-02RE 1	10/22/10 21:43
trans-1,2-Dichloroethene	ND	23500		ug/L	25000	94%	57 - 157	0.3	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,3-Dichloropropane	ND	24400		ug/L	25000	98%	71 - 137	0.06	20	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2-Dichloropropane	ND	24200		ug/L	25000	97%	71 - 139	1	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
2,2-Dichloropropane	ND	20900		ug/L	25000	84%	10 - 198	0.2	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
cis-1,3-Dichloropropene	ND	29500		ug/L	25000	118%	56 - 156	2	35	10J4379	NTJ2388-02RE 1	10/22/10 21:43
trans-1,3-Dichloropropene	ND	27000		ug/L	25000	108%	47 - 157	0.1	26	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1-Dichloropropene	ND	23800		ug/L	25000	95%	70 - 155	1	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Ethylbenzene	ND	26400		ug/L	25000	106%	68 - 157	1	12	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Hexachlorobutadiene	ND	24800		ug/L	25000	99%	47 - 173	8	21	10J4379	NTJ2388-02RE 1	10/22/10 21:43
2-Hexanone	ND	114000		ug/L	125000	91%	57 - 154	0.3	20	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Isopropylbenzene	ND	27600		ug/L	25000	110%	69 - 139	2	15	10J4379	NTJ2388-02RE 1	10/22/10 21:43
p-Isopropyltoluene	ND	24100		ug/L	25000	96%	69 - 151	4	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Methyl tert-Butyl Ether	ND	23400		ug/L	25000	93%	56 - 152	0.06	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Methylene Chloride	ND	25600		ug/L	25000	102%	71 - 136	1	36	10J4379	NTJ2388-02RE 1	10/22/10 21:43
4-Methyl-2-pentanone	1740	132000		ug/L	125000	104%	62 - 159	0.2	35	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Naphthalene	1430	21200		ug/L	25000	79%	56 - 161	16	30	10J4379	NTJ2388-02RE 1	10/22/10 21:43
n-Propylbenzene	ND	26400		ug/L	25000	105%	61 - 167	2	23	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Styrene	ND	25700		ug/L	25000	103%	69 - 150	0.4	29	10J4379	NTJ2388-02RE 1	10/22/10 21:43

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4379-MSD1												
1,1,1,2-Tetrachloroethane	ND	25300		ug/L	25000	101%	80 - 140	0	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1,2,2-Tetrachloroethane	ND	23500		ug/L	25000	94%	76 - 141	0.6	28	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Tetrachloroethene	ND	25100		ug/L	25000	100%	63 - 155	0.9	16	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Toluene	ND	24500		ug/L	25000	98%	61 - 153	0.5	35	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,3-Trichlorobenzene	ND	21300		ug/L	25000	85%	57 - 155	17	28	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,4-Trichlorobenzene	ND	22500		ug/L	25000	90%	64 - 147	8	23	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1,2-Trichloroethane	ND	24200		ug/L	25000	97%	74 - 138	0.5	21	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1,1-Trichloroethane	ND	21500		ug/L	25000	86%	78 - 153	1	29	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Trichloroethene	15300	39300		ug/L	25000	96%	74 - 139	0.7	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Trichlorofluoromethane	ND	17200		ug/L	25000	69%	53 - 149	3	33	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,3-Trichloropropane	8050	23900		ug/L	25000	63%	49 - 148	0.9	25	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,3,5-Trimethylbenzene	ND	26600		ug/L	25000	106%	67 - 151	1	21	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,4-Trimethylbenzene	210	26500		ug/L	25000	105%	69 - 150	1	20	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Vinyl chloride	ND	23400		ug/L	25000	94%	53 - 137	1	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Xylenes, total	ND	78000		ug/L	75000	104%	68 - 158	0.6	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: 1,2-Dichloroethane-d4		17.4		ug/L	25.0	69%	63 - 140			10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: Dibromofluoromethane		22.3		ug/L	25.0	89%	73 - 131			10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	80 - 120			10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: 4-Bromofluorobenzene		24.2		ug/L	25.0	97%	79 - 125			10J4379	NTJ2388-02RE 1	10/22/10 21:43

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Georgia
SM2320 B	Water		X	
SW846 6010B	Water	N/A	X	
SW846 8260B	Water	N/A	X	
SW846 9056	Water	N/A	X	
SW846 9060A	Water		X	

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

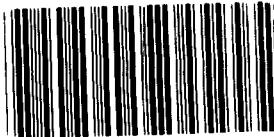
Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

DATA QUALIFIERS AND DEFINITIONS

- H2** Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
P7 Sample filtered in lab.
R The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



Cooler Received/Opened On_10/20/10 @ 08:00

NTJ2388

1. Tracking # C1790 (last 4 digits, Fe)

Courier: FED-EX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 0.0 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA4. Were custody seals on outside of cooler? 1-FLAT YES...NO...NA

If yes, how many and where:

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial)7. Were custody seals on containers: YES NO and Intact YES.. NO.. NA

YES...NO...NA

Were these signed and dated correctly?

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES NO NAb. Was there any observable headspace present in any VOA vial? YES NO NA14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

15b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES NO NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

NTJ2388
11/03/10 23:57

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Nashville Division
2960 Foster Creight

2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0080 / (615) 726-0177 Fax: (615) 726-0177

190310 23:59

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,"Reg District(CA)")

Page _____ of ____

Address: 1000 Corporate Center, Suite 2500

TA Account #: 1426041

raig.Bernhoft@urscorp.com

Account Book

Client Project Mgr: Craig Bernhoft

Client Telephone#: (615) 771-2480

卷之三

Sampler Name (Print) Derrick

Scribblers' signature.

~~Lessick Ward, Winston-Salem
Lester C. H. Tamm~~

2 District (CA): 1332 B-11-313

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COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turnaround time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:		Date:	Time:	Received by:	Date:	Time:	Relinquished by:
<u>Deanne Lohr</u>		<u>10/19/10</u>	<u>15:30</u>	<u>Seth</u>	<u>10/19/10</u>	<u>15:30</u>	<u>Seth</u>
Shipped Via:		Shipped Via:		QC Deliverables (Please Circle One):			
<u>Test America Courier</u>				Level 2	Level 3	Level 4	Site Specific
Received for TestAmerica by:		Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	
		<u>10/19/10</u>	<u>15:30</u>	<u>10/19/10</u>	<u>Y</u>		
				VOC's Free of Headspace? Y N			
				<u>N</u>			
Date Due of Report:							
<u>10/19/10</u>							

November 24, 2010 10:59:38AM

Client: URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn: Craig Bernhoft

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Nbr: 20500332.00001
P/O Nbr: Craig.Bernhoft@urscorp.com
Date Received: 10/21/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-36	NTJ2566-01	10/20/10 16:50
MW-14	NTJ2566-02	10/20/10 19:00
MW-2	NTJ2566-03	10/20/10 16:20
Trip Blank-3	NTJ2566-04	10/20/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Georgia Certification Number: E87358

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-01 (MW-36 - Ground Water) Sampled: 10/20/10 16:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.958		mg/L	0.100	1	10/21/10 19:36	SW846 9056	10J4164
Sulfate	2640	H2	mg/L	100	100	11/22/10 12:13	SW846 9056	10K4416
Total Organic Carbon	1.72		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.500	100	10/26/10 09:43	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	4.60		mg/L	0.500	10	11/01/10 10:36	SW846 6010B	10J5197
Lead	0.377		mg/L	0.0500	10	11/01/10 10:36	SW846 6010B	10J5197
Manganese	8.03		mg/L	0.150	10	11/01/10 10:36	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 17:01	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 17:01	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chloroform	1.96		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-01 (MW-36 - Ground Water) - cont. Sampled: 10/20/10 16:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 17:01	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 17:01	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 17:01	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 17:01	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Tetrachloroethene	2.89		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Trichloroethene	217		ug/L	5.00	5	10/26/10 17:32	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 17:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 17:32	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	102 %					10/26/10 17:32	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	94 %					10/26/10 17:32	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	100 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 17:32	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution	Analysis Date/Time	Method	Batch							
					Factor										
Sample ID: NTJ2566-02 (MW-14 - Ground Water) Sampled: 10/20/10 19:00															
General Chemistry Parameters															
Alkalinity, Total (CaCO ₃)	76.0		mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965							
Nitrate as N	0.143		mg/L	0.100	1	10/21/10 19:56	SW846 9056	10J4164							
Sulfate	15.9		mg/L	1.00	1	10/21/10 19:56	SW846 9056	10J4164							
Total Organic Carbon	1.87		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211							
Volatile Organic Compounds by EPA Method 8260B															
Acetone	ND		ug/L	50.0	1	10/26/10 20:59	SW846 8260B	10J4609							
Benzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Bromobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Bromoform	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Bromomethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
2-Butanone	ND		ug/L	50.0	1	10/26/10 20:59	SW846 8260B	10J4609							
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Chloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Chloroform	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Chloromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Dibromomethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609							

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-02 (MW-14 - Ground Water) - cont. Sampled: 10/20/10 19:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 20:59	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 20:59	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 20:59	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 20:59	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Trichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	101 %					10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/26/10 20:59	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-03 (MW-2 - Ground Water) Sampled: 10/20/10 16:20								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.202		mg/L	0.100	1	10/21/10 20:15	SW846 9056	10J4164
Sulfate	2400	H2	mg/L	100	100	11/22/10 12:33	SW846 9056	10K4416
Total Organic Carbon	8.63		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Volatile Organic Compounds by EPA Method 8260B								
Acetone	991		ug/L	50.0	1	10/26/10 18:01	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 18:01	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-03 (MW-2 - Ground Water) - cont. Sampled: 10/20/10 16:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 18:01	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 18:01	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 18:01	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 18:01	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Trichloroethene	1090		ug/L	10.0	10	10/26/10 18:31	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 18:31	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	101 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	102 %					10/26/10 18:31	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	96 %					10/26/10 18:31	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	101 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	99 %					10/26/10 18:31	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-04 (Trip Blank-3 - Water) Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 14:08	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 14:08	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 14:08	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-04 (Trip Blank-3 - Water) - cont. Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 14:08	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 14:08	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 14:08	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Trichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	94 %					10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	100 %					10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	96 %					10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	100 %					10/26/10 14:08	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	10J5197	NTJ2566-01	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2566-01	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2566-01	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
Total Metals by EPA Method 6010B							
SW846 6010B	10J4498	NTJ2566-01	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010

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1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10J4164-BLK1						
Nitrate as N	<0.0100		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
Sulfate	<0.110		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
10J4965-BLK1						
Alkalinity, Total (CaCO ₃)	7.01		mg/L	10J4965	10J4965-BLK1	11/02/10 12:35
10J5211-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5211	10J5211-BLK1	10/27/10 11:27
10K4416-BLK1						
Sulfate	<0.110		mg/L	10K4416	10K4416-BLK1	11/22/10 11:32
Total Metals by EPA Method 6010B						
10J4498-BLK1						
Lead	<0.00290		mg/L	10J4498	10J4498-BLK1	10/25/10 22:02
Dissolved Metals by EPA Method 6010B						
10J5197-BLK1						
Iron	<0.0490		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Lead	<0.00290		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Manganese	0.00230		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
Acetone	<25.0		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Benzene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromobenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromochloromethane	<0.440		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromodichloromethane	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromoform	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromomethane	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Butanone	<1.70		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
sec-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
n-Butylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
tert-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon disulfide	<0.290		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon Tetrachloride	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorobenzene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorodibromomethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroethane	<0.410		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroform	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloromethane	<0.180		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
2-Chlorotoluene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Chlorotoluene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dibromomethane	<0.430		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,4-Dichlorobenzene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichlorobenzene	<0.490		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichlorobenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dichlorodifluoromethane	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethane	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,2-Dichloroethene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,2-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichloropropane	<0.280		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloropropane	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2,2-Dichloropropane	<0.260		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,3-Dichloropropene	<0.190		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,3-Dichloropropene	<0.160		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloropropene	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Ethylbenzene	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Hexachlorobutadiene	<0.310		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Hexanone	<2.20		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Isopropylbenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
p-Isopropyltoluene	<0.210		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methyl tert-Butyl Ether	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methylene Chloride	<0.150		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Methyl-2-pentanone	<1.60		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Naphthalene	<0.170		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
n-Propylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Styrene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Tetrachloroethene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Toluene	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,3-Trichlorobenzene	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trichlorobenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2-Trichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1-Trichloroethane	<0.350		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichloroethene	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichlorofluoromethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
1,2,3-Trichloropropane	<0.460		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3,5-Trimethylbenzene	<0.230		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trimethylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Vinyl chloride	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Xylenes, total	<0.870		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: 1,2-Dichloroethane-d4	97%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: Dibromofluoromethane	101%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: Toluene-d8	97%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: 4-Bromofluorobenzene	99%			10J4609	10J4609-BLK1	10/26/10 13:38

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Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J4164-DUP1										
Nitrate as N	1.07	0.863	R2	mg/L	22	20	10J4164	NTJ2567-11		10/22/10 01:23
10J4965-DUP1										
Alkalinity, Total (CaCO ₃)	ND	38.1		mg/L		20	10J4965	NTJ2567-05		11/02/10 12:35
10J5211-DUP1										
Total Organic Carbon	ND	ND		mg/L		20	10J5211	NTJ2567-11RE1		10/27/10 11:27
10K4416-DUP1										
Sulfate	410	401		mg/L	2	20	10K4416	NTJ2567-03RE3		11/22/10 13:14

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Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10J4164-BS1								
Nitrate as N	3.00	3.22		mg/L	108%	90 - 110	10J4164	10/21/10 13:50
Sulfate	15.0	16.4		mg/L	109%	90 - 110	10J4164	10/21/10 13:50
10J4965-BS1								
Alkalinity, Total (CaCO ₃)	100	96.4		mg/L	96%	90 - 110	10J4965	11/02/10 12:35
10J5211-BS1								
Total Organic Carbon	10.0	9.20		mg/L	92%	90 - 110	10J5211	10/27/10 11:27
10K4416-BS1								
Sulfate	15.0	15.1		mg/L	101%	90 - 110	10K4416	11/22/10 11:53
Total Metals by EPA Method 6010B								
10J4498-BS1								
Lead	0.0500	0.0435		mg/L	87%	80 - 120	10J4498	10/25/10 22:05
Dissolved Metals by EPA Method 6010B								
10J5197-BS1								
Iron	1.00	1.04		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Lead	0.0500	0.0521		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Manganese	0.500	0.499		mg/L	100%	80 - 120	10J5197	10/29/10 13:51
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
Acetone	250	303		ug/L	121%	56 - 150	10J4609	10/26/10 12:09
Benzene	50.0	48.1		ug/L	96%	80 - 121	10J4609	10/26/10 12:09
Bromobenzene	50.0	45.6		ug/L	91%	72 - 130	10J4609	10/26/10 12:09
Bromochloromethane	50.0	52.2		ug/L	104%	73 - 137	10J4609	10/26/10 12:09
Bromodichloromethane	50.0	50.6		ug/L	101%	75 - 131	10J4609	10/26/10 12:09
Bromoform	50.0	59.9		ug/L	120%	65 - 140	10J4609	10/26/10 12:09
Bromomethane	50.0	45.3		ug/L	91%	50 - 150	10J4609	10/26/10 12:09
2-Butanone	250	314		ug/L	126%	70 - 144	10J4609	10/26/10 12:09
sec-Butylbenzene	50.0	48.9		ug/L	98%	72 - 140	10J4609	10/26/10 12:09
n-Butylbenzene	50.0	53.6		ug/L	107%	68 - 140	10J4609	10/26/10 12:09
tert-Butylbenzene	50.0	41.8		ug/L	84%	76 - 135	10J4609	10/26/10 12:09
Carbon disulfide	50.0	49.6		ug/L	99%	74 - 137	10J4609	10/26/10 12:09
Carbon Tetrachloride	50.0	53.6		ug/L	107%	71 - 137	10J4609	10/26/10 12:09
Chlorobenzene	50.0	50.9		ug/L	102%	80 - 121	10J4609	10/26/10 12:09
Chlorodibromomethane	50.0	55.0		ug/L	110%	68 - 137	10J4609	10/26/10 12:09
Chloroethane	50.0	47.7		ug/L	95%	50 - 146	10J4609	10/26/10 12:09
Chloroform	50.0	48.8		ug/L	98%	73 - 131	10J4609	10/26/10 12:09
Chloromethane	50.0	26.6		ug/L	53%	30 - 132	10J4609	10/26/10 12:09

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 1000 Corporate Center, Suite 250
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Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
2-Chlorotoluene	50.0	46.7		ug/L	93%	74 - 135	10J4609	10/26/10 12:09
4-Chlorotoluene	50.0	54.3		ug/L	109%	74 - 132	10J4609	10/26/10 12:09
1,2-Dibromo-3-chloropropane	50.0	69.8		ug/L	140%	56 - 145	10J4609	10/26/10 12:09
1,2-Dibromoethane (EDB)	50.0	53.4		ug/L	107%	80 - 135	10J4609	10/26/10 12:09
Dibromomethane	50.0	49.8		ug/L	100%	78 - 133	10J4609	10/26/10 12:09
1,4-Dichlorobenzene	50.0	52.3		ug/L	105%	80 - 120	10J4609	10/26/10 12:09
1,3-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 128	10J4609	10/26/10 12:09
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	80 - 125	10J4609	10/26/10 12:09
Dichlorodifluoromethane	50.0	31.4		ug/L	63%	30 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethane	50.0	49.8		ug/L	100%	75 - 125	10J4609	10/26/10 12:09
1,2-Dichloroethane	50.0	49.4		ug/L	99%	70 - 134	10J4609	10/26/10 12:09
cis-1,2-Dichloroethene	50.0	52.0		ug/L	104%	71 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethene	50.0	51.1		ug/L	102%	73 - 125	10J4609	10/26/10 12:09
trans-1,2-Dichloroethene	50.0	52.8		ug/L	106%	77 - 125	10J4609	10/26/10 12:09
1,3-Dichloropropane	50.0	50.2		ug/L	100%	76 - 125	10J4609	10/26/10 12:09
1,2-Dichloropropane	50.0	46.2		ug/L	92%	72 - 120	10J4609	10/26/10 12:09
2,2-Dichloropropane	50.0	63.4		ug/L	127%	50 - 150	10J4609	10/26/10 12:09
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	70 - 140	10J4609	10/26/10 12:09
trans-1,3-Dichloropropene	50.0	56.4		ug/L	113%	62 - 139	10J4609	10/26/10 12:09
1,1-Dichloropropene	50.0	53.2		ug/L	106%	78 - 126	10J4609	10/26/10 12:09
Ethylbenzene	50.0	51.0		ug/L	102%	78 - 133	10J4609	10/26/10 12:09
Hexachlorobutadiene	50.0	51.2		ug/L	102%	70 - 150	10J4609	10/26/10 12:09
2-Hexanone	250	322		ug/L	129%	60 - 150	10J4609	10/26/10 12:09
Isopropylbenzene	50.0	58.5		ug/L	117%	69 - 120	10J4609	10/26/10 12:09
p-Isopropyltoluene	50.0	50.1		ug/L	100%	72 - 134	10J4609	10/26/10 12:09
Methyl tert-Butyl Ether	50.0	53.1		ug/L	106%	76 - 120	10J4609	10/26/10 12:09
Methylene Chloride	50.0	45.8		ug/L	92%	80 - 133	10J4609	10/26/10 12:09
4-Methyl-2-pentanone	250	290		ug/L	116%	62 - 146	10J4609	10/26/10 12:09
Naphthalene	50.0	60.3		ug/L	121%	71 - 139	10J4609	10/26/10 12:09
n-Propylbenzene	50.0	47.0		ug/L	94%	70 - 143	10J4609	10/26/10 12:09
Styrene	50.0	52.9		ug/L	106%	80 - 136	10J4609	10/26/10 12:09
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L	99%	80 - 130	10J4609	10/26/10 12:09
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	73 - 131	10J4609	10/26/10 12:09
Tetrachloroethene	50.0	52.5		ug/L	105%	77 - 131	10J4609	10/26/10 12:09
Toluene	50.0	50.9		ug/L	102%	78 - 125	10J4609	10/26/10 12:09
1,2,3-Trichlorobenzene	50.0	56.2		ug/L	112%	71 - 138	10J4609	10/26/10 12:09
1,2,4-Trichlorobenzene	50.0	57.8		ug/L	116%	74 - 136	10J4609	10/26/10 12:09
1,1,2-Trichloroethane	50.0	50.3		ug/L	101%	80 - 123	10J4609	10/26/10 12:09
1,1,1-Trichloroethane	50.0	53.4		ug/L	107%	75 - 137	10J4609	10/26/10 12:09
Trichloroethene	50.0	51.9		ug/L	104%	74 - 139	10J4609	10/26/10 12:09
Trichlorofluoromethane	50.0	48.4		ug/L	97%	60 - 133	10J4609	10/26/10 12:09

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
1,2,3-Trichloropropane	50.0	54.2		ug/L	108%	64 - 127	10J4609	10/26/10 12:09
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	75 - 134	10J4609	10/26/10 12:09
1,2,4-Trimethylbenzene	50.0	48.5		ug/L	97%	77 - 134	10J4609	10/26/10 12:09
Vinyl chloride	50.0	45.3		ug/L	91%	60 - 122	10J4609	10/26/10 12:09
Xylenes, total	150	159		ug/L	106%	78 - 134	10J4609	10/26/10 12:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.5			95%	63 - 140	10J4609	10/26/10 12:09
<i>Surrogate: Dibromofluoromethane</i>	50.0	50.1			100%	73 - 131	10J4609	10/26/10 12:09
<i>Surrogate: Toluene-d8</i>	50.0	50.3			101%	80 - 120	10J4609	10/26/10 12:09
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	47.2			94%	79 - 125	10J4609	10/26/10 12:09

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 Project Name: C&D Conyers GA
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 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Acetone	315			ug/L	250	126%	56 - 150	4	31	10J4609		10/26/10 12:39
Benzene	47.8			ug/L	50.0	96%	80 - 121	0.6	12	10J4609		10/26/10 12:39
Bromobenzene	45.9			ug/L	50.0	92%	72 - 130	0.7	23	10J4609		10/26/10 12:39
Bromochloromethane	52.6			ug/L	50.0	105%	73 - 137	0.8	32	10J4609		10/26/10 12:39
Bromodichloromethane	49.9			ug/L	50.0	100%	75 - 131	1	13	10J4609		10/26/10 12:39
Bromoform	59.8			ug/L	50.0	120%	65 - 140	0.2	18	10J4609		10/26/10 12:39
Bromomethane	45.3			ug/L	50.0	91%	50 - 150	0.04	50	10J4609		10/26/10 12:39
2-Butanone	325			ug/L	250	130%	70 - 144	3	37	10J4609		10/26/10 12:39
sec-Butylbenzene	45.5			ug/L	50.0	91%	72 - 140	7	21	10J4609		10/26/10 12:39
n-Butylbenzene	53.5			ug/L	50.0	107%	68 - 140	0.3	11	10J4609		10/26/10 12:39
tert-Butylbenzene	39.7			ug/L	50.0	79%	76 - 135	5	20	10J4609		10/26/10 12:39
Carbon disulfide	48.9			ug/L	50.0	98%	74 - 137	1	28	10J4609		10/26/10 12:39
Carbon Tetrachloride	53.3			ug/L	50.0	107%	71 - 137	0.6	26	10J4609		10/26/10 12:39
Chlorobenzene	49.6			ug/L	50.0	99%	80 - 121	3	11	10J4609		10/26/10 12:39
Chlorodibromomethane	54.4			ug/L	50.0	109%	68 - 137	1	16	10J4609		10/26/10 12:39
Chloroethane	48.5			ug/L	50.0	97%	50 - 146	2	35	10J4609		10/26/10 12:39
Chloroform	48.6			ug/L	50.0	97%	73 - 131	0.4	32	10J4609		10/26/10 12:39
Chloromethane	26.9			ug/L	50.0	54%	30 - 132	1	34	10J4609		10/26/10 12:39
2-Chlorotoluene	47.5			ug/L	50.0	95%	74 - 135	2	22	10J4609		10/26/10 12:39
4-Chlorotoluene	55.2			ug/L	50.0	110%	74 - 132	2	22	10J4609		10/26/10 12:39
1,2-Dibromo-3-chloropropane	73.0	L		ug/L	50.0	146%	56 - 145	5	21	10J4609		10/26/10 12:39
1,2-Dibromoethane (EDB)	53.8			ug/L	50.0	108%	80 - 135	0.7	10	10J4609		10/26/10 12:39
Dibromomethane	50.3			ug/L	50.0	101%	78 - 133	1	11	10J4609		10/26/10 12:39
1,4-Dichlorobenzene	51.2			ug/L	50.0	102%	80 - 120	2	10	10J4609		10/26/10 12:39
1,3-Dichlorobenzene	48.8			ug/L	50.0	98%	80 - 128	0.2	18	10J4609		10/26/10 12:39
1,2-Dichlorobenzene	49.6			ug/L	50.0	99%	80 - 125	1	11	10J4609		10/26/10 12:39
Dichlorodifluoromethane	32.1			ug/L	50.0	64%	30 - 132	2	32	10J4609		10/26/10 12:39
1,1-Dichloroethane	51.0			ug/L	50.0	102%	75 - 125	2	34	10J4609		10/26/10 12:39
1,2-Dichloroethane	48.9			ug/L	50.0	98%	70 - 134	1	25	10J4609		10/26/10 12:39
cis-1,2-Dichloroethene	51.3			ug/L	50.0	103%	71 - 132	1	32	10J4609		10/26/10 12:39
1,1-Dichloroethene	50.7			ug/L	50.0	101%	73 - 125	0.8	31	10J4609		10/26/10 12:39
trans-1,2-Dichloroethene	52.0			ug/L	50.0	104%	77 - 125	2	32	10J4609		10/26/10 12:39
1,3-Dichloropropane	51.0			ug/L	50.0	102%	76 - 125	2	20	10J4609		10/26/10 12:39
1,2-Dichloropropane	46.7			ug/L	50.0	93%	72 - 120	1	11	10J4609		10/26/10 12:39
2,2-Dichloropropane	62.6			ug/L	50.0	125%	50 - 150	1	11	10J4609		10/26/10 12:39
cis-1,3-Dichloropropene	57.8			ug/L	50.0	116%	70 - 140	0.4	35	10J4609		10/26/10 12:39
trans-1,3-Dichloropropene	56.5			ug/L	50.0	113%	62 - 139	0.1	26	10J4609		10/26/10 12:39
1,1-Dichloropropene	52.8			ug/L	50.0	106%	78 - 126	0.7	18	10J4609		10/26/10 12:39
Ethylbenzene	50.4			ug/L	50.0	101%	78 - 133	1	12	10J4609		10/26/10 12:39
Hexachlorobutadiene	52.0			ug/L	50.0	104%	70 - 150	2	21	10J4609		10/26/10 12:39
2-Hexanone	340			ug/L	250	136%	60 - 150	5	20	10J4609		10/26/10 12:39

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 Project Name: C&D Conyers GA
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 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Isopropylbenzene	55.0			ug/L	50.0	110%	69 - 120	6	15	10J4609		10/26/10 12:39
p-Isopropyltoluene	50.0			ug/L	50.0	100%	72 - 134	0.2	18	10J4609		10/26/10 12:39
Methyl tert-Butyl Ether	53.9			ug/L	50.0	108%	76 - 120	1	32	10J4609		10/26/10 12:39
Methylene Chloride	48.5			ug/L	50.0	97%	80 - 133	6	36	10J4609		10/26/10 12:39
4-Methyl-2-pentanone	290			ug/L	250	116%	62 - 146	0.3	35	10J4609		10/26/10 12:39
Naphthalene	61.8			ug/L	50.0	124%	71 - 139	2	30	10J4609		10/26/10 12:39
n-Propylbenzene	46.9			ug/L	50.0	94%	70 - 143	0.4	23	10J4609		10/26/10 12:39
Styrene	54.0			ug/L	50.0	108%	80 - 136	2	29	10J4609		10/26/10 12:39
1,1,1,2-Tetrachloroethane	50.4			ug/L	50.0	101%	80 - 130	2	11	10J4609		10/26/10 12:39
1,1,2,2-Tetrachloroethane	50.7			ug/L	50.0	101%	73 - 131	2	28	10J4609		10/26/10 12:39
Tetrachloroethene	52.5			ug/L	50.0	105%	77 - 131	0.04	16	10J4609		10/26/10 12:39
Toluene	49.9			ug/L	50.0	100%	78 - 125	2	35	10J4609		10/26/10 12:39
1,2,3-Trichlorobenzene	56.9			ug/L	50.0	114%	71 - 138	1	28	10J4609		10/26/10 12:39
1,2,4-Trichlorobenzene	57.5			ug/L	50.0	115%	74 - 136	0.7	23	10J4609		10/26/10 12:39
1,1,2-Trichloroethane	51.2			ug/L	50.0	102%	80 - 123	2	21	10J4609		10/26/10 12:39
1,1,1-Trichloroethane	52.8			ug/L	50.0	106%	75 - 137	1	29	10J4609		10/26/10 12:39
Trichloroethene	51.1			ug/L	50.0	102%	74 - 139	2	11	10J4609		10/26/10 12:39
Trichlorofluoromethane	48.7			ug/L	50.0	97%	60 - 133	0.6	33	10J4609		10/26/10 12:39
1,2,3-Trichloropropane	53.7			ug/L	50.0	107%	64 - 127	1	25	10J4609		10/26/10 12:39
1,3,5-Trimethylbenzene	49.3			ug/L	50.0	99%	75 - 134	0.2	21	10J4609		10/26/10 12:39
1,2,4-Trimethylbenzene	48.0			ug/L	50.0	96%	77 - 134	1	20	10J4609		10/26/10 12:39
Vinyl chloride	45.2			ug/L	50.0	90%	60 - 122	0.3	32	10J4609		10/26/10 12:39
Xylenes, total	158			ug/L	150	106%	78 - 134	0.5	18	10J4609		10/26/10 12:39
<i>Surrogate: 1,2-Dichloroethane-d4</i>	46.6			ug/L	50.0	93%	63 - 140			10J4609		10/26/10 12:39
<i>Surrogate: Dibromofluoromethane</i>	49.9			ug/L	50.0	100%	73 - 131			10J4609		10/26/10 12:39
<i>Surrogate: Toluene-d8</i>	50.3			ug/L	50.0	101%	80 - 120			10J4609		10/26/10 12:39
<i>Surrogate: 4-Bromofluorobenzene</i>	47.7			ug/L	50.0	95%	79 - 125			10J4609		10/26/10 12:39

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10J4164-MS1										
Nitrate as N	0.725	3.65		mg/L	3.00	98%	80 - 120	10J4164	NTJ2567-05	10/21/10 22:11
10J4965-MS1										
Alkalinity, Total (CaCO ₃)	ND	ND	A-01	mg/L	100	0%	80 - 120	10J4965	NTJ2567-05	11/02/10 12:35
10J5211-MS1										
Total Organic Carbon	2.48	21.4		mg/L	20.0	95%	66 - 135	10J5211	NTJ2567-05RE 1	10/27/10 11:27
Total Metals by EPA Method 6010B										
10J4498-MS1										
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125	10J4498	NTJ2567-05	10/26/10 09:50
Dissolved Metals by EPA Method 6010B										
10J5197-MS1										
Iron	2.75	3.77		mg/L	1.00	102%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Lead	ND	0.0484		mg/L	0.0500	97%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Manganese	0.0440	0.515		mg/L	0.500	94%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Acetone	ND	1570		ug/L	1250	125%	56 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Benzene	ND	277		ug/L	250	111%	65 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromobenzene	ND	241		ug/L	250	97%	69 - 142	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromoform	ND	312		ug/L	250	125%	55 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromochloromethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromodichloromethane	ND	283		ug/L	250	113%	75 - 138	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromomethane	ND	174		ug/L	250	70%	13 - 176	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Butanone	ND	1630		ug/L	1250	130%	45 - 164	10J4609	NTJ2567-05RE 2	10/26/10 22:58
sec-Butylbenzene	ND	241		ug/L	250	96%	68 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Butylbenzene	ND	285		ug/L	250	114%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
tert-Butylbenzene	ND	211		ug/L	250	84%	73 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Carbon disulfide	ND	274		ug/L	250	110%	33 - 187	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2566
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Carbon Tetrachloride	ND	315		ug/L	250	126%	64 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorobenzene	ND	284		ug/L	250	114%	78 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorodibromomethane	ND	291		ug/L	250	116%	64 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroethane	ND	226		ug/L	250	90%	48 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroform	11.8	291		ug/L	250	112%	72 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloromethane	ND	121		ug/L	250	48%	10 - 194	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Chlorotoluene	ND	251		ug/L	250	101%	66 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Chlorotoluene	ND	269		ug/L	250	108%	69 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromo-3-chloropropane	ND	309		ug/L	250	124%	49 - 162	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromoethane (EDB)	ND	291		ug/L	250	116%	70 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dibromomethane	ND	285		ug/L	250	114%	75 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,4-Dichlorobenzene	ND	272		ug/L	250	109%	75 - 135	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichlorobenzene	ND	263		ug/L	250	105%	72 - 146	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichlorobenzene	ND	270		ug/L	250	108%	80 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dichlorodifluoromethane	ND	88.0		ug/L	250	35%	23 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloroethane	ND	280		ug/L	250	112%	72 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
cis-1,2-Dichloroethene	ND	296		ug/L	250	118%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethene	ND	305		ug/L	250	122%	34 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
trans-1,2-Dichloroethene	ND	297		ug/L	250	119%	57 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichloropropane	ND	281		ug/L	250	112%	71 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloropropane	ND	264		ug/L	250	105%	71 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2,2-Dichloropropane	ND	352		ug/L	250	141%	10 - 198	10J4609	NTJ2567-05RE 2	10/26/10 22:58
cis-1,3-Dichloropropene	ND	304		ug/L	250	122%	56 - 156	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
trans-1,3-Dichloropropene	ND	295		ug/L	250	118%	47 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloropropene	ND	309		ug/L	250	124%	70 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Ethylbenzene	ND	285		ug/L	250	114%	68 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Hexachlorobutadiene	ND	257		ug/L	250	103%	47 - 173	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Hexanone	ND	1600		ug/L	1250	128%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Isopropylbenzene	ND	324		ug/L	250	130%	69 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
p-Isopropyltoluene	ND	262		ug/L	250	105%	69 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methyl tert-Butyl Ether	ND	291		ug/L	250	117%	56 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methylene Chloride	1.45	281		ug/L	250	112%	71 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Methyl-2-pentanone	ND	1450		ug/L	1250	116%	62 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Naphthalene	ND	295		ug/L	250	118%	56 - 161	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Propylbenzene	ND	255		ug/L	250	102%	61 - 167	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Styrene	ND	299		ug/L	250	120%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1,2-Tetrachloroethane	ND	272		ug/L	250	109%	80 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2,2-Tetrachloroethane	ND	263		ug/L	250	105%	76 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Tetrachloroethene	2.85	303		ug/L	250	120%	63 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Toluene	ND	284		ug/L	250	113%	61 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,3-Trichlorobenzene	ND	288		ug/L	250	115%	57 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trichlorobenzene	ND	296		ug/L	250	118%	64 - 147	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2-Trichloroethane	ND	284		ug/L	250	113%	74 - 138	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1-Trichloroethane	ND	317		ug/L	250	127%	78 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichloroethene	460	791		ug/L	250	133%	74 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichlorofluoromethane	ND	227		ug/L	250	91%	53 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,3-Trichloropropane	ND	271		ug/L	250	108%	49 - 148	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2566
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
1,3,5-Trimethylbenzene	ND	255		ug/L	250	102%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trimethylbenzene	ND	251		ug/L	250	101%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Vinyl chloride	ND	185		ug/L	250	74%	53 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Xylenes, total	ND	891		ug/L	750	119%	68 - 158	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.0		ug/L	50.0	98%	63 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Dibromofluoromethane</i>		52.0		ug/L	50.0	104%	73 - 131	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Toluene-d8</i>		50.2		ug/L	50.0	100%	80 - 120	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 4-Bromofluorobenzene</i>		45.5		ug/L	50.0	91%	79 - 125	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J4164-MSD1												
Nitrate as N	0.725	5.79	R2	mg/L	3.00	169%	80 - 120	45	20	10J4164	NTJ2567-05	10/21/10 22:30
10J5211-MSD1												
Total Organic Carbon	2.48	21.8		mg/L	20.0	97%	66 - 135	2	20	10J5211	NTJ2567-05RE1	10/27/10 11:27
Total Metals by EPA Method 6010B												
10J4498-MSD1												
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125		20	10J4498	NTJ2567-05	10/26/10 09:53
Dissolved Metals by EPA Method 6010B												
10J5197-MSD1												
Iron	2.75	3.78		mg/L	1.00	103%	75 - 125	0.2	20	10J5197	NTJ3128-18	10/29/10 15:29
Lead	ND	0.0493		mg/L	0.0500	99%	75 - 125	2	20	10J5197	NTJ3128-18	10/29/10 15:29
Manganese	0.0440	0.519		mg/L	0.500	95%	75 - 125	0.7	20	10J5197	NTJ3128-18	10/29/10 15:29
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Acetone	ND	1590		ug/L	1250	128%	56 - 150	2	31	10J4609	NTJ2567-05RE2	10/26/10 23:28
Benzene	ND	289		ug/L	250	116%	65 - 151	4	12	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromobenzene	ND	262		ug/L	250	105%	69 - 142	8	23	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromochloromethane	ND	310		ug/L	250	124%	64 - 154	6	32	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromodichloromethane	ND	301		ug/L	250	120%	75 - 138	6	13	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromoform	ND	339		ug/L	250	136%	55 - 153	8	18	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromomethane	ND	187		ug/L	250	75%	13 - 176	7	50	10J4609	NTJ2567-05RE2	10/26/10 23:28
2-Butanone	ND	1710		ug/L	1250	137%	45 - 164	5	37	10J4609	NTJ2567-05RE2	10/26/10 23:28
sec-Butylbenzene	ND	280		ug/L	250	112%	68 - 159	15	21	10J4609	NTJ2567-05RE2	10/26/10 23:28
n-Butylbenzene	ND	307		ug/L	250	123%	67 - 151	7	11	10J4609	NTJ2567-05RE2	10/26/10 23:28
tert-Butylbenzene	ND	231		ug/L	250	93%	73 - 153	9	20	10J4609	NTJ2567-05RE2	10/26/10 23:28
Carbon disulfide	ND	286		ug/L	250	114%	33 - 187	4	28	10J4609	NTJ2567-05RE2	10/26/10 23:28
Carbon Tetrachloride	ND	337		ug/L	250	135%	64 - 157	7	26	10J4609	NTJ2567-05RE2	10/26/10 23:28
Chlorobenzene	ND	308		ug/L	250	123%	78 - 136	8	11	10J4609	NTJ2567-05RE2	10/26/10 23:28
Chlorodibromomethane	ND	313		ug/L	250	125%	64 - 145	7	16	10J4609	NTJ2567-05RE2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Chloroethane	ND	215		ug/L	250	86%	48 - 159	5	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloroform	11.8	307		ug/L	250	118%	72 - 145	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloromethane	ND	106		ug/L	250	42%	10 - 194	13	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Chlorotoluene	ND	274		ug/L	250	110%	66 - 155	9	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Chlorotoluene	ND	324		ug/L	250	130%	69 - 149	18	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromo-3-chloropropane	ND	349		ug/L	250	140%	49 - 162	12	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromoethane (EDB)	ND	315		ug/L	250	126%	70 - 152	8	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dibromomethane	ND	299		ug/L	250	120%	75 - 141	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,4-Dichlorobenzene	ND	314	R	ug/L	250	126%	75 - 135	14	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichlorobenzene	ND	283		ug/L	250	113%	72 - 146	7	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichlorobenzene	ND	289		ug/L	250	116%	80 - 136	7	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dichlorodifluoromethane	ND	92.7		ug/L	250	37%	23 - 159	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethane	ND	309		ug/L	250	124%	64 - 154	6	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloroethane	ND	294		ug/L	250	118%	72 - 137	5	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
cis-1,2-Dichloroethene	ND	310		ug/L	250	124%	57 - 154	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethene	ND	320		ug/L	250	128%	34 - 151	5	31	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,2-Dichloroethene	ND	313		ug/L	250	125%	57 - 157	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichloropropane	ND	295		ug/L	250	118%	71 - 137	5	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloropropane	ND	280		ug/L	250	112%	71 - 139	6	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2,2-Dichloropropane	ND	371		ug/L	250	148%	10 - 198	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
cis-1,3-Dichloropropene	ND	329		ug/L	250	132%	56 - 156	8	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,3-Dichloropropene	ND	320		ug/L	250	128%	47 - 157	8	26	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloropropene	ND	325		ug/L	250	130%	70 - 155	5	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Ethylbenzene	ND	306		ug/L	250	122%	68 - 157	7	12	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Hexachlorobutadiene	ND	274		ug/L	250	110%	47 - 173	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Hexanone	ND	1710		ug/L	1250	137%	57 - 154	6	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Isopropylbenzene	ND	352	M7	ug/L	250	141%	69 - 139	8	15	10J4609	NTJ2567-05RE 2	10/26/10 23:28
p-Isopropyltoluene	ND	284		ug/L	250	114%	69 - 151	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methyl tert-Butyl Ether	ND	312		ug/L	250	125%	56 - 152	7	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methylene Chloride	1.45	278		ug/L	250	111%	71 - 136	1	36	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Methyl-2-pentanone	ND	1540		ug/L	1250	123%	62 - 159	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Naphthalene	ND	321		ug/L	250	128%	56 - 161	8	30	10J4609	NTJ2567-05RE 2	10/26/10 23:28
n-Propylbenzene	ND	275		ug/L	250	110%	61 - 167	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Styrene	ND	318		ug/L	250	127%	69 - 150	6	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1,2-Tetrachloroethane	ND	294		ug/L	250	117%	80 - 140	8	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2,2-Tetrachloroethane	ND	279		ug/L	250	112%	76 - 141	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Tetrachloroethene	2.85	325		ug/L	250	129%	63 - 155	7	16	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Toluene	ND	301		ug/L	250	120%	61 - 153	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichlorobenzene	ND	305		ug/L	250	122%	57 - 155	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,4-Trichlorobenzene	ND	321		ug/L	250	129%	64 - 147	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2-Trichloroethane	ND	300		ug/L	250	120%	74 - 138	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1-Trichloroethane	ND	334		ug/L	250	134%	78 - 153	5	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichloroethene	460	813	M7	ug/L	250	141%	74 - 139	3	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichlorofluoromethane	ND	240		ug/L	250	96%	53 - 149	5	33	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichloropropane	ND	303		ug/L	250	121%	49 - 148	11	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3,5-Trimethylbenzene	ND	279		ug/L	250	112%	67 - 151	9	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,4-Trimethylbenzene	ND	275		ug/L	250	110%	69 - 150	9	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Vinyl chloride	ND	190		ug/L	250	76%	53 - 137	3	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Xylenes, total	ND	961		ug/L	750	128%	68 - 158	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: 1,2-Dichloroethane-d4</i>		47.8		ug/L	50.0	96%	63 - 140			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Dibromofluoromethane</i>		51.4		ug/L	50.0	103%	73 - 131			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Toluene-d8</i>		50.4		ug/L	50.0	101%	80 - 120			10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1 Surrogate: 4-Bromofluorobenzene	46.5			ug/L	50.0	93%	79 - 125			10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Georgia
SM2320 B	Water		X	
SW846 6010B	Water	N/A	X	
SW846 8260B	Water	N/A	X	
SW846 9056	Water	N/A	X	
SW846 9060A	Water		X	

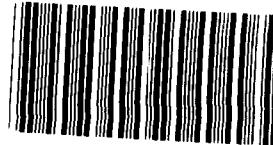
Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

DATA QUALIFIERS AND DEFINITIONS

- A-01** Sample titrated <4.5 due to sample matrix
- H2** Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M4** The MS/MSD required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information. See Blank Spike (LCS).
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- R** The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R2** The RPD exceeded the acceptance limit.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



COOLER REC

Cooler Received/Opened On	10/21/2010 @ 1100	NTJ2566
1. Tracking #	<u>N/A</u>	
Courier:	<u>Off-Street</u>	IR Gun ID
2.	Temperature of rep. sample or temp blank when opened:	<u>0.9</u> Degrees Celsius
3.	If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO... <u>NA</u>	
4.	Were custody seals on outside of cooler?	
YES...NO... <u>NA</u> <i>NA</i>		
If yes, how many and where: _____		
5.	Were the seals intact, signed, and dated correctly?	
YES...NO... <u>NA</u>		
6.	Were custody papers inside cooler?	
YES...NO... <u>NA</u> <i>M</i>		
<u>I certify that I opened the cooler and answered questions 1-6 (initial)</u> _____		
7.	Were custody seals on containers:	YES <input checked="" type="radio"/> NO <input type="radio"/> and Intact YES...NO... <u>NA</u>
Were these signed and dated correctly? YES...NO... <u>NA</u>		
8.	Packing mat'l used?	<u>Bubblewrap</u> <input checked="" type="radio"/> Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9.	Cooling process:	<input checked="" type="radio"/> Ice Ice-pack Ice (direct contact) Dry ice Other None
10.	Did all containers arrive in good condition (unbroken)? YES...NO... <u>NA</u>	
11.	Were all container labels complete (#, date, signed, pres., etc)? YES...NO... <u>NA</u>	
12.	Did all container labels and tags agree with custody papers? YES...NO... <u>NA</u>	
13a.	Were VOA vials received?	
b.	Was there any observable headspace present in any VOA vial? YES...NO... <u>NA</u>	
14.	Was there a Trip Blank in this cooler?	<input checked="" type="radio"/> YES...NO... <u>NA</u> If multiple coolers, sequence # <u>2</u>
<u>I certify that I unloaded the cooler and answered questions 7-14 (initial)</u> _____		
15a.	On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO... <u>NA</u>	
b.	Did the bottle labels indicate that the correct preservatives were used YES...NO... <u>NA</u>	
16.	Was residual chlorine present? YES...NO... <u>NA</u>	
<u>I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)</u> _____		
17.	Were custody papers properly filled out (ink, signed, etc)? YES...NO... <u>NA</u>	
18.	Did you sign the custody papers in the appropriate place? YES...NO... <u>NA</u>	
19.	Were correct containers used for the analysis requested? YES...NO... <u>NA</u>	
20.	Was sufficient amount of sample sent in each container? YES...NO... <u>NA</u>	
<u>I certify that I entered this project into LIMS and answered questions 17-20 (initial)</u> _____		
<u>I certify that I attached a label with the unique LIMS number to each container (initial)</u> _____		
21.	Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____	

November 24, 2010 11:29:41AM

Client: URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn: Craig Bernhoft

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Nbr: 20500332.00001
P/O Nbr: Craig.Bernhoft@urscorp.com
Date Received: 10/21/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-3	NTJ2567-01	10/19/10 16:30
DMW-3S	NTJ2567-02	10/19/10 18:15
DMW-3D	NTJ2567-03	10/20/10 10:35
DMW-3D DUP	NTJ2567-04	10/20/10 10:35
MW-37	NTJ2567-05	10/20/10 10:30
EQ BLK-1	NTJ2567-06	10/20/10 11:45
EQ BLK-2	NTJ2567-07	10/20/10 11:50
MW-38	NTJ2567-08	10/20/10 13:30
MW-38 DUP	NTJ2567-09	10/20/10 13:35
DMW-2D	NTJ2567-10	10/20/10 14:50
DMW-2S	NTJ2567-11	10/20/10 15:55
Trip Blank-2	NTJ2567-12	10/20/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Georgia Certification Number: E87358

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-01 (MW-3 - Ground Water) Sampled: 10/19/10 16:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	2.45	HT3	mg/L	0.100	1	10/21/10 20:34	SW846 9056	10J4164
Sulfate	530	H2	mg/L	5.00	5	11/22/10 01:07	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 21:29	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 21:29	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
cis-1,2-Dichloroethene	1.42		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-01 (MW-3 - Ground Water) - cont. Sampled: 10/19/10 16:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 21:29	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 21:29	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 21:29	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 21:29	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Tetrachloroethene	27.9		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Trichloroethene	20.7		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	101 %					10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/26/10 21:29	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-02 (DMW-3S - Ground Water) Sampled: 10/19/10 18:15								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	0.967	HT3	mg/L	0.100	1	10/21/10 20:53	SW846 9056	10J4164
Sulfate	81.0	H2	mg/L	2.00	2	11/22/10 01:27	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 14:26	SW846 6010B	10J5197
Manganese	0.667		mg/L	0.150	10	10/29/10 17:04	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 21:59	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 21:59	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-02 (DMW-3S - Ground Water) - cont. Sampled: 10/19/10 18:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 21:59	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 21:59	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 21:59	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 21:59	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Trichloroethene	1.02		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 21:59	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 21:59	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 21:59	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 21:59	SW846 8260B	10J4609
Surr: 4-Bromofluorobenzene (79-125%)	99 %					10/26/10 21:59	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-03 (DMW-3D - Ground Water) Sampled: 10/20/10 10:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	2.14		mg/L	0.100	1	10/21/10 21:13	SW846 9056	10J4164
Sulfate	410	H2	mg/L	100	100	11/22/10 12:53	SW846 9056	10K4416
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 14:28	SW846 6010B	10J5197
Manganese	2.37		mg/L	0.150	10	10/29/10 17:06	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 22:29	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 22:29	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
cis-1,2-Dichloroethene	3.59		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-03 (DMW-3D - Ground Water) - cont. Sampled: 10/20/10 10:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 22:29	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 22:29	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 22:29	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 22:29	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Tetrachloroethene	17.2		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Trichloroethene	36.7		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 22:29	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 22:29	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 22:29	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 22:29	SW846 8260B	10J4609
Surr: 4-Bromofluorobenzene (79-125%)	97 %					10/26/10 22:29	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-04 (DMW-3D DUP - Ground Water) Sampled: 10/20/10 10:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	2.17		mg/L	0.100	1	10/21/10 21:32	SW846 9056	10J4164
Sulfate	461	H2	mg/L	20.0	20	11/22/10 02:08	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 14:31	SW846 6010B	10J5197
Manganese	2.29		mg/L	0.150	10	10/29/10 17:09	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 16:10	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromodichloromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 16:10	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chloroform	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
cis-1,2-Dichloroethene	2.87		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-04 (DMW-3D DUP - Ground Water) - cont. Sampled: 10/20/10 10:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 16:10	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 16:10	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 16:10	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 16:10	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Tetrachloroethene	16.0		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Trichloroethene	30.2		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 16:10	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	86 %					10/30/10 16:10	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	96 %					10/30/10 16:10	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	103 %					10/30/10 16:10	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	96 %					10/30/10 16:10	SW846 8260B	10J5892

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-05 (MW-37 - Ground Water) Sampled: 10/20/10 10:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.725		mg/L	0.100	1	10/21/10 21:51	SW846 9056	10J4164
Sulfate	4780	H2	mg/L	50.0	50	11/22/10 02:28	SW846 9056	10K3588
Total Organic Carbon	2.48		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND	M4	mg/L	0.500	100	10/26/10 09:47	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	43.6	MHA	mg/L	0.500	10	11/01/10 13:35	SW846 6010B	10J5817
Lead	0.158		mg/L	0.0500	10	11/01/10 13:35	SW846 6010B	10J5817
Manganese	50.6	MHA	mg/L	0.150	10	11/01/10 13:35	SW846 6010B	10J5817
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 16:03	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 16:03	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chloroform	7.90		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-05 (MW-37 - Ground Water) - cont. Sampled: 10/20/10 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 16:03	SW846 8260B	10J4609
Isopropylbenzene	ND	M7	ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 16:03	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 16:03	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 16:03	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Tetrachloroethene	2.59		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Trichloroethene	460		ug/L	5.00	5	10/26/10 16:32	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 16:03	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	95 %					10/26/10 16:32	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 16:32	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	94 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 16:32	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	100 %					10/26/10 16:32	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-06 (EQ BLK-1 - Ground Water) Sampled: 10/20/10 11:45								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	ND		mg/L	0.100	1	10/21/10 23:28	SW846 9056	10J4164
Sulfate	ND		mg/L	1.00	1	10/21/10 23:28	SW846 9056	10J4164
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.00500	1	10/25/10 22:43	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:11	SW846 6010B	10J5197
Lead	ND		mg/L	0.00500	1	10/29/10 15:11	SW846 6010B	10J5197
Manganese	ND		mg/L	0.0150	1	10/29/10 15:11	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 13:23	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromodichloromethane	2.19		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 13:23	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chloroform	9.66		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-06 (EQ BLK-1 - Ground Water) - cont. Sampled: 10/20/10 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 13:23	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 13:23	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 13:23	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 13:23	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Trichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 13:23	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	85 %					10/30/10 13:23	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	95 %					10/30/10 13:23	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	100 %					10/30/10 13:23	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	99 %					10/30/10 13:23	SW846 8260B	10J5892

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-07 (EQ BLK-2 - Ground Water) Sampled: 10/20/10 11:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	ND		mg/L	0.100	1	10/21/10 23:47	SW846 9056	10J4164
Sulfate	1.09		mg/L	1.00	1	10/21/10 23:47	SW846 9056	10J4164
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.00500	1	10/25/10 22:46	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:13	SW846 6010B	10J5197
Lead	ND		mg/L	0.00500	1	10/29/10 15:13	SW846 6010B	10J5197
Manganese	ND		mg/L	0.0150	1	10/29/10 15:13	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 13:51	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromodichloromethane	2.09		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 13:51	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chloroform	8.69		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-07 (EQ BLK-2 - Ground Water) - cont. Sampled: 10/20/10 11:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 13:51	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 13:51	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 13:51	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 13:51	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Trichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 13:51	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	86 %					10/30/10 13:51	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	96 %					10/30/10 13:51	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	96 %					10/30/10 13:51	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	101 %					10/30/10 13:51	SW846 8260B	10J5892

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-08 (MW-38 - Ground Water) Sampled: 10/20/10 13:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	1.35		mg/L	0.100	1	10/22/10 00:06	SW846 9056	10J4164
Sulfate	5480	H2	mg/L	50.0	50	11/22/10 02:48	SW846 9056	10K3588
Total Organic Carbon	2.92		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.500	100	10/26/10 09:56	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	82.4		mg/L	5.00	100	10/29/10 17:11	SW846 6010B	10J5197
Lead	ND		mg/L	0.500	100	10/29/10 17:11	SW846 6010B	10J5197
Manganese	94.2		mg/L	1.50	100	10/29/10 17:11	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 19:01	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 19:01	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-08 (MW-38 - Ground Water) - cont. Sampled: 10/20/10 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 19:01	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 19:01	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 19:01	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 19:01	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Tetrachloroethene	1.16		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Trichloroethene	486		ug/L	5.00	5	10/26/10 19:30	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 19:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	98 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 19:30	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 19:30	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 19:30	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 19:30	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-09 (MW-38 DUP - Ground Water) Sampled: 10/20/10 13:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	1.26		mg/L	0.100	1	10/22/10 00:25	SW846 9056	10J4164
Sulfate	5670	H2	mg/L	50.0	50	11/22/10 03:08	SW846 9056	10K3588
Total Organic Carbon	2.80		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.500	100	10/26/10 09:59	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	88.1		mg/L	5.00	100	10/29/10 17:14	SW846 6010B	10J5197
Lead	ND		mg/L	0.500	100	10/29/10 17:14	SW846 6010B	10J5197
Manganese	100		mg/L	1.50	100	10/29/10 17:14	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 20:00	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 20:00	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-09 (MW-38 DUP - Ground Water) - cont. Sampled: 10/20/10 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 20:00	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 20:00	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 20:00	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 20:00	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Tetrachloroethene	1.14		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Trichloroethene	490		ug/L	5.00	5	10/26/10 20:30	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 20:00	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 20:30	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 20:30	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 20:30	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 20:30	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-10 (DMW-2D - Ground Water) Sampled: 10/20/10 14:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.738		mg/L	0.100	1	10/22/10 00:45	SW846 9056	10J4164
Sulfate	147	H2	mg/L	10.0	10	11/22/10 03:29	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:21	SW846 6010B	10J5197
Manganese	3.67		mg/L	0.150	10	11/01/10 10:39	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 16:38	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromodichloromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 16:38	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chloroform	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-10 (DMW-2D - Ground Water) - cont. Sampled: 10/20/10 14:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 16:38	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 16:38	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 16:38	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 16:38	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Trichloroethene	93.4		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 16:38	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	85 %					10/30/10 16:38	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	96 %					10/30/10 16:38	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	105 %					10/30/10 16:38	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	97 %					10/30/10 16:38	SW846 8260B	10J5892

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-11 (DMW-2S - Ground Water) Sampled: 10/20/10 15:55								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	1.07		mg/L	0.100	1	10/22/10 01:04	SW846 9056	10J4164
Sulfate	98.1	H2	mg/L	5.00	5	11/22/10 04:30	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:49	SW846 6010B	10J5647
Manganese	0.620		mg/L	0.0150	1	10/29/10 15:49	SW846 6010B	10J5647
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 17:06	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromodichloromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 17:06	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chloroform	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-11 (DMW-2S - Ground Water) - cont. Sampled: 10/20/10 15:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 17:06	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 17:06	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 17:06	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 17:06	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Trichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 17:06	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	87 %					10/30/10 17:06	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	98 %					10/30/10 17:06	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	99 %					10/30/10 17:06	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	101 %					10/30/10 17:06	SW846 8260B	10J5892

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-12 (Trip Blank-2 - Water) Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 14:38	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 14:38	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 14:38	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-12 (Trip Blank-2 - Water) - cont. Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 14:38	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 14:38	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 14:38	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Trichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	95 %					10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	100 %					10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	102 %					10/26/10 14:38	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
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Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	10J5197	NTJ2567-02	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-02	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-03	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-03	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-04	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-04	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-05	50.00	50.00	10/29/10 13:33	DEB	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-05	50.00	50.00	10/29/10 13:33	DEB	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-05	50.00	50.00	10/29/10 13:33	DEB	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-07	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-07	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-07	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-08	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-08	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-08	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-09	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-09	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-09	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-10	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-10	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5647	NTJ2567-11	50.00	50.00	10/29/10 08:05	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5647	NTJ2567-11	50.00	50.00	10/29/10 08:05	ALJ	EPA 3010A / 6010 D
Total Metals by EPA Method 6010B							
SW846 6010B	10J4498	NTJ2567-05	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-06	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-07	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-08	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-09	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10J4164-BLK1						
Nitrate as N	<0.0100		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
Sulfate	<0.110		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
10J4948-BLK1						
Alkalinity, Total (CaCO ₃)	6.89		mg/L	10J4948	10J4948-BLK1	11/01/10 20:42
10J4965-BLK1						
Alkalinity, Total (CaCO ₃)	7.01		mg/L	10J4965	10J4965-BLK1	11/02/10 12:35
10J5211-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5211	10J5211-BLK1	10/27/10 11:27
10K4416-BLK1						
Sulfate	<0.110		mg/L	10K4416	10K4416-BLK1	11/22/10 11:32
Total Metals by EPA Method 6010B						
10J4498-BLK1						
Lead	<0.00290		mg/L	10J4498	10J4498-BLK1	10/25/10 22:02
Dissolved Metals by EPA Method 6010B						
10J5197-BLK1						
Iron	<0.0490		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Lead	<0.00290		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Manganese	0.00230		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
10J5647-BLK1						
Iron	<0.0490		mg/L	10J5647	10J5647-BLK1	10/29/10 15:36
Manganese	<0.00100		mg/L	10J5647	10J5647-BLK1	10/29/10 15:36
10J5817-BLK1						
Iron	<0.0490		mg/L	10J5817	10J5817-BLK1	11/01/10 10:47
Lead	<0.00290		mg/L	10J5817	10J5817-BLK1	11/01/10 10:47
Manganese	<0.00100		mg/L	10J5817	10J5817-BLK1	11/01/10 10:47
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
Acetone	<25.0		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Benzene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromobenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromochloromethane	<0.440		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromodichloromethane	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromoform	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
Bromomethane	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Butanone	<1.70		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
sec-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
n-Butylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
tert-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon disulfide	<0.290		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon Tetrachloride	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorobenzene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorodibromomethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroethane	<0.410		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroform	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloromethane	<0.180		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Chlorotoluene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Chlorotoluene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dibromomethane	<0.430		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,4-Dichlorobenzene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichlorobenzene	<0.490		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichlorobenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dichlorodifluoromethane	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethane	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,2-Dichloroethene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,2-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichloropropane	<0.280		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloropropane	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2,2-Dichloropropane	<0.260		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,3-Dichloropropene	<0.190		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,3-Dichloropropene	<0.160		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloropropene	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Ethylbenzene	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Hexachlorobutadiene	<0.310		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Hexanone	<2.20		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Isopropylbenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
p-Isopropyltoluene	<0.210		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methyl tert-Butyl Ether	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methylene Chloride	<0.150		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Methyl-2-pentanone	<1.60		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Naphthalene	<0.170		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
n-Propylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Styrene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Tetrachloroethene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Toluene	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,3-Trichlorobenzene	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trichlorobenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2-Trichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1-Trichloroethane	<0.350		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichloroethene	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichlorofluoromethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,3-Trichloropropane	<0.460		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3,5-Trimethylbenzene	<0.230		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trimethylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Vinyl chloride	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Xylenes, total	<0.870		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: 1,2-Dichloroethane-d4	97%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: Dibromofluoromethane	101%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: Toluene-d8	97%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: 4-Bromofluorobenzene	99%			10J4609	10J4609-BLK1	10/26/10 13:38
10J5892-BLK1						
Acetone	<25.0		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Benzene	<0.270		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromobenzene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromochloromethane	<0.440		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromodichloromethane	<0.370		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromoform	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromomethane	<0.470		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
2-Butanone	<1.70		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
sec-Butylbenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
n-Butylbenzene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
tert-Butylbenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Carbon disulfide	<0.290		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Carbon Tetrachloride	<0.270		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chlorobenzene	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chlorodibromomethane	<0.300		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chloroethane	<0.410		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chloroform	<0.470		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chloromethane	<0.180		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59

Client URS Corporation (6171)
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Work Order: NTJ2567
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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J5892-BLK1						
2-Chlorotoluene	<0.250		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
4-Chlorotoluene	<0.270		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Dibromomethane	<0.430		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,4-Dichlorobenzene	<0.250		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,3-Dichlorobenzene	<0.490		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dichlorobenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Dichlorodifluoromethane	<0.140		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1-Dichloroethane	<0.320		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dichloroethane	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
cis-1,2-Dichloroethene	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1-Dichloroethene	<0.360		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
trans-1,2-Dichloroethene	<0.360		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,3-Dichloropropane	<0.280		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dichloropropane	<0.330		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
2,2-Dichloropropane	<0.260		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
cis-1,3-Dichloropropene	<0.190		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
trans-1,3-Dichloropropene	<0.160		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1-Dichloropropene	<0.300		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Ethylbenzene	<0.320		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Hexachlorobutadiene	<0.310		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
2-Hexanone	<2.20		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Isopropylbenzene	<0.240		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
p-Isopropyltoluene	<0.210		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Methyl tert-Butyl Ether	<0.320		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Methylene Chloride	<0.150		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
4-Methyl-2-pentanone	<1.60		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Naphthalene	<0.170		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
n-Propylbenzene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Styrene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Tetrachloroethene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Toluene	<0.330		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2,3-Trichlorobenzene	<0.140		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2,4-Trichlorobenzene	<0.240		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,2-Trichloroethane	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,1-Trichloroethane	<0.350		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Trichloroethene	<0.370		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Trichlorofluoromethane	<0.300		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59

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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J5892-BLK1						
1,2,3-Trichloropropane	<0.460		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,3,5-Trimethylbenzene	<0.230		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2,4-Trimethylbenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Vinyl chloride	<0.360		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Xylenes, total	<0.870		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: 1,2-Dichloroethane-d4</i>	86%			10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: Dibromofluoromethane</i>	96%			10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: Toluene-d8</i>	99%			10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: 4-Bromofluorobenzene</i>	98%			10J5892	10J5892-BLK1	10/30/10 11:59

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J4164-DUP1										
Nitrate as N	1.07	0.863	R2	mg/L	22	20	10J4164	NTJ2567-11		10/22/10 01:23
10J4948-DUP1										
Alkalinity, Total (CaCO ₃)	43.4	47.7		mg/L	10	20	10J4948	NTJ2229-06		11/01/10 20:42
10J4965-DUP1										
Alkalinity, Total (CaCO ₃)	ND	38.1		mg/L		20	10J4965	NTJ2567-05		11/02/10 12:35
10J5211-DUP1										
Total Organic Carbon	ND	ND		mg/L		20	10J5211	NTJ2567-11RE1		10/27/10 11:27
10K4416-DUP1										
Sulfate	410	401		mg/L	2	20	10K4416	NTJ2567-03RE3		11/22/10 13:14

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PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10J4164-BS1								
Nitrate as N	3.00	3.22		mg/L	108%	90 - 110	10J4164	10/21/10 13:50
Sulfate	15.0	16.4		mg/L	109%	90 - 110	10J4164	10/21/10 13:50
10J4948-BS1								
Alkalinity, Total (CaCO ₃)	100	105		mg/L	105%	90 - 110	10J4948	11/01/10 20:42
10J4965-BS1								
Alkalinity, Total (CaCO ₃)	100	96.4		mg/L	96%	90 - 110	10J4965	11/02/10 12:35
10J5211-BS1								
Total Organic Carbon	10.0	9.20		mg/L	92%	90 - 110	10J5211	10/27/10 11:27
10K4416-BS1								
Sulfate	15.0	15.1		mg/L	101%	90 - 110	10K4416	11/22/10 11:53
Total Metals by EPA Method 6010B								
10J4498-BS1								
Lead	0.0500	0.0435		mg/L	87%	80 - 120	10J4498	10/25/10 22:05
Dissolved Metals by EPA Method 6010B								
10J5197-BS1								
Iron	1.00	1.04		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Lead	0.0500	0.0521		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Manganese	0.500	0.499		mg/L	100%	80 - 120	10J5197	10/29/10 13:51
10J5647-BS1								
Iron	1.00	0.990		mg/L	99%	80 - 120	10J5647	10/29/10 15:47
Manganese	0.500	0.491		mg/L	98%	80 - 120	10J5647	10/29/10 15:47
10J5817-BS1								
Iron	1.00	1.05		mg/L	105%	80 - 120	10J5817	11/01/10 10:49
Lead	0.0500	0.0510		mg/L	102%	80 - 120	10J5817	11/01/10 10:49
Manganese	0.500	0.503		mg/L	101%	80 - 120	10J5817	11/01/10 10:49
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
Acetone	250	303		ug/L	121%	56 - 150	10J4609	10/26/10 12:09
Benzene	50.0	48.1		ug/L	96%	80 - 121	10J4609	10/26/10 12:09
Bromobenzene	50.0	45.6		ug/L	91%	72 - 130	10J4609	10/26/10 12:09
Bromochloromethane	50.0	52.2		ug/L	104%	73 - 137	10J4609	10/26/10 12:09
Bromodichloromethane	50.0	50.6		ug/L	101%	75 - 131	10J4609	10/26/10 12:09
Bromoform	50.0	59.9		ug/L	120%	65 - 140	10J4609	10/26/10 12:09

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
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Work Order: NTJ2567
Project Name: C&D Conyers GA
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Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
Bromomethane	50.0	45.3		ug/L	91%	50 - 150	10J4609	10/26/10 12:09
2-Butanone	250	314		ug/L	126%	70 - 144	10J4609	10/26/10 12:09
sec-Butylbenzene	50.0	48.9		ug/L	98%	72 - 140	10J4609	10/26/10 12:09
n-Butylbenzene	50.0	53.6		ug/L	107%	68 - 140	10J4609	10/26/10 12:09
tert-Butylbenzene	50.0	41.8		ug/L	84%	76 - 135	10J4609	10/26/10 12:09
Carbon disulfide	50.0	49.6		ug/L	99%	74 - 137	10J4609	10/26/10 12:09
Carbon Tetrachloride	50.0	53.6		ug/L	107%	71 - 137	10J4609	10/26/10 12:09
Chlorobenzene	50.0	50.9		ug/L	102%	80 - 121	10J4609	10/26/10 12:09
Chlorodibromomethane	50.0	55.0		ug/L	110%	68 - 137	10J4609	10/26/10 12:09
Chloroethane	50.0	47.7		ug/L	95%	50 - 146	10J4609	10/26/10 12:09
Chloroform	50.0	48.8		ug/L	98%	73 - 131	10J4609	10/26/10 12:09
Chloromethane	50.0	26.6		ug/L	53%	30 - 132	10J4609	10/26/10 12:09
2-Chlorotoluene	50.0	46.7		ug/L	93%	74 - 135	10J4609	10/26/10 12:09
4-Chlorotoluene	50.0	54.3		ug/L	109%	74 - 132	10J4609	10/26/10 12:09
1,2-Dibromo-3-chloropropane	50.0	69.8		ug/L	140%	56 - 145	10J4609	10/26/10 12:09
1,2-Dibromoethane (EDB)	50.0	53.4		ug/L	107%	80 - 135	10J4609	10/26/10 12:09
Dibromomethane	50.0	49.8		ug/L	100%	78 - 133	10J4609	10/26/10 12:09
1,4-Dichlorobenzene	50.0	52.3		ug/L	105%	80 - 120	10J4609	10/26/10 12:09
1,3-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 128	10J4609	10/26/10 12:09
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	80 - 125	10J4609	10/26/10 12:09
Dichlorodifluoromethane	50.0	31.4		ug/L	63%	30 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethane	50.0	49.8		ug/L	100%	75 - 125	10J4609	10/26/10 12:09
1,2-Dichloroethane	50.0	49.4		ug/L	99%	70 - 134	10J4609	10/26/10 12:09
cis-1,2-Dichloroethene	50.0	52.0		ug/L	104%	71 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethene	50.0	51.1		ug/L	102%	73 - 125	10J4609	10/26/10 12:09
trans-1,2-Dichloroethene	50.0	52.8		ug/L	106%	77 - 125	10J4609	10/26/10 12:09
1,3-Dichloropropane	50.0	50.2		ug/L	100%	76 - 125	10J4609	10/26/10 12:09
1,2-Dichloropropane	50.0	46.2		ug/L	92%	72 - 120	10J4609	10/26/10 12:09
2,2-Dichloropropane	50.0	63.4		ug/L	127%	50 - 150	10J4609	10/26/10 12:09
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	70 - 140	10J4609	10/26/10 12:09
trans-1,3-Dichloropropene	50.0	56.4		ug/L	113%	62 - 139	10J4609	10/26/10 12:09
1,1-Dichloropropene	50.0	53.2		ug/L	106%	78 - 126	10J4609	10/26/10 12:09
Ethylbenzene	50.0	51.0		ug/L	102%	78 - 133	10J4609	10/26/10 12:09
Hexachlorobutadiene	50.0	51.2		ug/L	102%	70 - 150	10J4609	10/26/10 12:09
2-Hexanone	250	322		ug/L	129%	60 - 150	10J4609	10/26/10 12:09
Isopropylbenzene	50.0	58.5		ug/L	117%	69 - 120	10J4609	10/26/10 12:09
p-Isopropyltoluene	50.0	50.1		ug/L	100%	72 - 134	10J4609	10/26/10 12:09
Methyl tert-Butyl Ether	50.0	53.1		ug/L	106%	76 - 120	10J4609	10/26/10 12:09
Methylene Chloride	50.0	45.8		ug/L	92%	80 - 133	10J4609	10/26/10 12:09
4-Methyl-2-pentanone	250	290		ug/L	116%	62 - 146	10J4609	10/26/10 12:09
Naphthalene	50.0	60.3		ug/L	121%	71 - 139	10J4609	10/26/10 12:09

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
n-Propylbenzene	50.0	47.0		ug/L	94%	70 - 143	10J4609	10/26/10 12:09
Styrene	50.0	52.9		ug/L	106%	80 - 136	10J4609	10/26/10 12:09
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L	99%	80 - 130	10J4609	10/26/10 12:09
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	73 - 131	10J4609	10/26/10 12:09
Tetrachloroethene	50.0	52.5		ug/L	105%	77 - 131	10J4609	10/26/10 12:09
Toluene	50.0	50.9		ug/L	102%	78 - 125	10J4609	10/26/10 12:09
1,2,3-Trichlorobenzene	50.0	56.2		ug/L	112%	71 - 138	10J4609	10/26/10 12:09
1,2,4-Trichlorobenzene	50.0	57.8		ug/L	116%	74 - 136	10J4609	10/26/10 12:09
1,1,2-Trichloroethane	50.0	50.3		ug/L	101%	80 - 123	10J4609	10/26/10 12:09
1,1,1-Trichloroethane	50.0	53.4		ug/L	107%	75 - 137	10J4609	10/26/10 12:09
Trichloroethylene	50.0	51.9		ug/L	104%	74 - 139	10J4609	10/26/10 12:09
Trichlorofluoromethane	50.0	48.4		ug/L	97%	60 - 133	10J4609	10/26/10 12:09
1,2,3-Trichloroproppane	50.0	54.2		ug/L	108%	64 - 127	10J4609	10/26/10 12:09
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	75 - 134	10J4609	10/26/10 12:09
1,2,4-Trimethylbenzene	50.0	48.5		ug/L	97%	77 - 134	10J4609	10/26/10 12:09
Vinyl chloride	50.0	45.3		ug/L	91%	60 - 122	10J4609	10/26/10 12:09
Xylenes, total	150	159		ug/L	106%	78 - 134	10J4609	10/26/10 12:09
Surrogate: 1,2-Dichloroethane-d4	50.0	47.5			95%	63 - 140	10J4609	10/26/10 12:09
Surrogate: Dibromofluoromethane	50.0	50.1			100%	73 - 131	10J4609	10/26/10 12:09
Surrogate: Toluene-d8	50.0	50.3			101%	80 - 120	10J4609	10/26/10 12:09
Surrogate: 4-Bromofluorobenzene	50.0	47.2			94%	79 - 125	10J4609	10/26/10 12:09
10J5892-BS1								
Acetone	250	267		ug/L	107%	56 - 150	10J5892	10/30/10 10:08
Benzene	50.0	48.6		ug/L	97%	80 - 121	10J5892	10/30/10 10:08
Bromobenzene	50.0	43.9		ug/L	88%	72 - 130	10J5892	10/30/10 10:08
Bromochloromethane	50.0	44.4		ug/L	89%	73 - 137	10J5892	10/30/10 10:08
Bromodichloromethane	50.0	46.9		ug/L	94%	75 - 131	10J5892	10/30/10 10:08
Bromoform	50.0	47.0		ug/L	94%	65 - 140	10J5892	10/30/10 10:08
Bromomethane	50.0	50.0		ug/L	100%	50 - 150	10J5892	10/30/10 10:08
2-Butanone	250	251		ug/L	100%	70 - 144	10J5892	10/30/10 10:08
sec-Butylbenzene	50.0	45.2		ug/L	90%	72 - 140	10J5892	10/30/10 10:08
n-Butylbenzene	50.0	43.3		ug/L	87%	68 - 140	10J5892	10/30/10 10:08
tert-Butylbenzene	50.0	42.8		ug/L	86%	76 - 135	10J5892	10/30/10 10:08
Carbon disulfide	50.0	47.7		ug/L	95%	74 - 137	10J5892	10/30/10 10:08
Carbon Tetrachloride	50.0	43.3		ug/L	87%	71 - 137	10J5892	10/30/10 10:08
Chlorobenzene	50.0	46.7		ug/L	93%	80 - 121	10J5892	10/30/10 10:08
Chlorodibromomethane	50.0	50.3		ug/L	101%	68 - 137	10J5892	10/30/10 10:08
Chloroethane	50.0	46.8		ug/L	94%	50 - 146	10J5892	10/30/10 10:08
Chloroform	50.0	47.1		ug/L	94%	73 - 131	10J5892	10/30/10 10:08
Chloromethane	50.0	52.3		ug/L	105%	30 - 132	10J5892	10/30/10 10:08

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J5892-BS1								
2-Chlorotoluene	50.0	44.4		ug/L	89%	74 - 135	10J5892	10/30/10 10:08
4-Chlorotoluene	50.0	45.0		ug/L	90%	74 - 132	10J5892	10/30/10 10:08
1,2-Dibromo-3-chloropropane	50.0	39.7		ug/L	79%	56 - 145	10J5892	10/30/10 10:08
1,2-Dibromoethane (EDB)	50.0	50.3		ug/L	101%	80 - 135	10J5892	10/30/10 10:08
Dibromomethane	50.0	53.6		ug/L	107%	78 - 133	10J5892	10/30/10 10:08
1,4-Dichlorobenzene	50.0	43.1		ug/L	86%	80 - 120	10J5892	10/30/10 10:08
1,3-Dichlorobenzene	50.0	45.9		ug/L	92%	80 - 128	10J5892	10/30/10 10:08
1,2-Dichlorobenzene	50.0	45.8		ug/L	92%	80 - 125	10J5892	10/30/10 10:08
Dichlorodifluoromethane	50.0	32.0		ug/L	64%	30 - 132	10J5892	10/30/10 10:08
1,1-Dichloroethane	50.0	45.1		ug/L	90%	75 - 125	10J5892	10/30/10 10:08
1,2-Dichloroethane	50.0	39.7		ug/L	79%	70 - 134	10J5892	10/30/10 10:08
cis-1,2-Dichloroethene	50.0	44.7		ug/L	89%	71 - 132	10J5892	10/30/10 10:08
1,1-Dichloroethene	50.0	47.9		ug/L	96%	73 - 125	10J5892	10/30/10 10:08
trans-1,2-Dichloroethene	50.0	46.4		ug/L	93%	77 - 125	10J5892	10/30/10 10:08
1,3-Dichloropropane	50.0	44.9		ug/L	90%	76 - 125	10J5892	10/30/10 10:08
1,2-Dichloropropane	50.0	47.8		ug/L	96%	72 - 120	10J5892	10/30/10 10:08
2,2-Dichloropropane	50.0	47.2		ug/L	94%	50 - 150	10J5892	10/30/10 10:08
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	70 - 140	10J5892	10/30/10 10:08
trans-1,3-Dichloropropene	50.0	50.1		ug/L	100%	62 - 139	10J5892	10/30/10 10:08
1,1-Dichloropropene	50.0	45.5		ug/L	91%	78 - 126	10J5892	10/30/10 10:08
Ethylbenzene	50.0	50.8		ug/L	102%	78 - 133	10J5892	10/30/10 10:08
Hexachlorobutadiene	50.0	45.3		ug/L	91%	70 - 150	10J5892	10/30/10 10:08
2-Hexanone	250	211		ug/L	85%	60 - 150	10J5892	10/30/10 10:08
Isopropylbenzene	50.0	51.8		ug/L	104%	69 - 120	10J5892	10/30/10 10:08
p-Isopropyltoluene	50.0	43.8		ug/L	88%	72 - 134	10J5892	10/30/10 10:08
Methyl tert-Butyl Ether	50.0	44.2		ug/L	88%	76 - 120	10J5892	10/30/10 10:08
Methylene Chloride	50.0	48.9		ug/L	98%	80 - 133	10J5892	10/30/10 10:08
4-Methyl-2-pentanone	250	261		ug/L	104%	62 - 146	10J5892	10/30/10 10:08
Naphthalene	50.0	38.4		ug/L	77%	71 - 139	10J5892	10/30/10 10:08
n-Propylbenzene	50.0	48.0		ug/L	96%	70 - 143	10J5892	10/30/10 10:08
Styrene	50.0	49.8		ug/L	100%	80 - 136	10J5892	10/30/10 10:08
1,1,1,2-Tetrachloroethane	50.0	49.8		ug/L	100%	80 - 130	10J5892	10/30/10 10:08
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L	92%	73 - 131	10J5892	10/30/10 10:08
Tetrachloroethene	50.0	43.9		ug/L	88%	77 - 131	10J5892	10/30/10 10:08
Toluene	50.0	45.2		ug/L	90%	78 - 125	10J5892	10/30/10 10:08
1,2,3-Trichlorobenzene	50.0	40.6		ug/L	81%	71 - 138	10J5892	10/30/10 10:08
1,2,4-Trichlorobenzene	50.0	39.8		ug/L	80%	74 - 136	10J5892	10/30/10 10:08
1,1,2-Trichloroethane	50.0	44.3		ug/L	89%	80 - 123	10J5892	10/30/10 10:08
1,1,1-Trichloroethane	50.0	42.9		ug/L	86%	75 - 137	10J5892	10/30/10 10:08
Trichloroethene	50.0	45.0		ug/L	90%	74 - 139	10J5892	10/30/10 10:08
Trichlorofluoromethane	50.0	36.7		ug/L	73%	60 - 133	10J5892	10/30/10 10:08

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J5892-BS1								
1,2,3-Trichloropropane	50.0	47.6		ug/L	95%	64 - 127	10J5892	10/30/10 10:08
1,3,5-Trimethylbenzene	50.0	48.1		ug/L	96%	75 - 134	10J5892	10/30/10 10:08
1,2,4-Trimethylbenzene	50.0	48.4		ug/L	97%	77 - 134	10J5892	10/30/10 10:08
Vinyl chloride	50.0	49.0		ug/L	98%	60 - 122	10J5892	10/30/10 10:08
Xylenes, total	150	152		ug/L	102%	78 - 134	10J5892	10/30/10 10:08
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	19.8			79%	63 - 140	10J5892	10/30/10 10:08
<i>Surrogate: Dibromofluoromethane</i>	25.0	23.7			95%	73 - 131	10J5892	10/30/10 10:08
<i>Surrogate: Toluene-d8</i>	25.0	23.6			95%	80 - 120	10J5892	10/30/10 10:08
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	23.0			92%	79 - 125	10J5892	10/30/10 10:08

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PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Acetone	315			ug/L	250	126%	56 - 150	4	31	10J4609		10/26/10 12:39
Benzene	47.8			ug/L	50.0	96%	80 - 121	0.6	12	10J4609		10/26/10 12:39
Bromobenzene	45.9			ug/L	50.0	92%	72 - 130	0.7	23	10J4609		10/26/10 12:39
Bromochloromethane	52.6			ug/L	50.0	105%	73 - 137	0.8	32	10J4609		10/26/10 12:39
Bromodichloromethane	49.9			ug/L	50.0	100%	75 - 131	1	13	10J4609		10/26/10 12:39
Bromoform	59.8			ug/L	50.0	120%	65 - 140	0.2	18	10J4609		10/26/10 12:39
Bromomethane	45.3			ug/L	50.0	91%	50 - 150	0.04	50	10J4609		10/26/10 12:39
2-Butanone	325			ug/L	250	130%	70 - 144	3	37	10J4609		10/26/10 12:39
sec-Butylbenzene	45.5			ug/L	50.0	91%	72 - 140	7	21	10J4609		10/26/10 12:39
n-Butylbenzene	53.5			ug/L	50.0	107%	68 - 140	0.3	11	10J4609		10/26/10 12:39
tert-Butylbenzene	39.7			ug/L	50.0	79%	76 - 135	5	20	10J4609		10/26/10 12:39
Carbon disulfide	48.9			ug/L	50.0	98%	74 - 137	1	28	10J4609		10/26/10 12:39
Carbon Tetrachloride	53.3			ug/L	50.0	107%	71 - 137	0.6	26	10J4609		10/26/10 12:39
Chlorobenzene	49.6			ug/L	50.0	99%	80 - 121	3	11	10J4609		10/26/10 12:39
Chlorodibromomethane	54.4			ug/L	50.0	109%	68 - 137	1	16	10J4609		10/26/10 12:39
Chloroethane	48.5			ug/L	50.0	97%	50 - 146	2	35	10J4609		10/26/10 12:39
Chloroform	48.6			ug/L	50.0	97%	73 - 131	0.4	32	10J4609		10/26/10 12:39
Chloromethane	26.9			ug/L	50.0	54%	30 - 132	1	34	10J4609		10/26/10 12:39
2-Chlorotoluene	47.5			ug/L	50.0	95%	74 - 135	2	22	10J4609		10/26/10 12:39
4-Chlorotoluene	55.2			ug/L	50.0	110%	74 - 132	2	22	10J4609		10/26/10 12:39
1,2-Dibromo-3-chloropropane	73.0	L		ug/L	50.0	146%	56 - 145	5	21	10J4609		10/26/10 12:39
1,2-Dibromoethane (EDB)	53.8			ug/L	50.0	108%	80 - 135	0.7	10	10J4609		10/26/10 12:39
Dibromomethane	50.3			ug/L	50.0	101%	78 - 133	1	11	10J4609		10/26/10 12:39
1,4-Dichlorobenzene	51.2			ug/L	50.0	102%	80 - 120	2	10	10J4609		10/26/10 12:39
1,3-Dichlorobenzene	48.8			ug/L	50.0	98%	80 - 128	0.2	18	10J4609		10/26/10 12:39
1,2-Dichlorobenzene	49.6			ug/L	50.0	99%	80 - 125	1	11	10J4609		10/26/10 12:39
Dichlorodifluoromethane	32.1			ug/L	50.0	64%	30 - 132	2	32	10J4609		10/26/10 12:39
1,1-Dichloroethane	51.0			ug/L	50.0	102%	75 - 125	2	34	10J4609		10/26/10 12:39
1,2-Dichloroethane	48.9			ug/L	50.0	98%	70 - 134	1	25	10J4609		10/26/10 12:39
cis-1,2-Dichloroethene	51.3			ug/L	50.0	103%	71 - 132	1	32	10J4609		10/26/10 12:39
1,1-Dichloroethene	50.7			ug/L	50.0	101%	73 - 125	0.8	31	10J4609		10/26/10 12:39
trans-1,2-Dichloroethene	52.0			ug/L	50.0	104%	77 - 125	2	32	10J4609		10/26/10 12:39
1,3-Dichloropropane	51.0			ug/L	50.0	102%	76 - 125	2	20	10J4609		10/26/10 12:39
1,2-Dichloropropane	46.7			ug/L	50.0	93%	72 - 120	1	11	10J4609		10/26/10 12:39
2,2-Dichloropropane	62.6			ug/L	50.0	125%	50 - 150	1	11	10J4609		10/26/10 12:39
cis-1,3-Dichloropropene	57.8			ug/L	50.0	116%	70 - 140	0.4	35	10J4609		10/26/10 12:39
trans-1,3-Dichloropropene	56.5			ug/L	50.0	113%	62 - 139	0.1	26	10J4609		10/26/10 12:39
1,1-Dichloropropene	52.8			ug/L	50.0	106%	78 - 126	0.7	18	10J4609		10/26/10 12:39
Ethylbenzene	50.4			ug/L	50.0	101%	78 - 133	1	12	10J4609		10/26/10 12:39
Hexachlorobutadiene	52.0			ug/L	50.0	104%	70 - 150	2	21	10J4609		10/26/10 12:39
2-Hexanone	340			ug/L	250	136%	60 - 150	5	20	10J4609		10/26/10 12:39

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Isopropylbenzene	55.0			ug/L	50.0	110%	69 - 120	6	15	10J4609		10/26/10 12:39
p-Isopropyltoluene	50.0			ug/L	50.0	100%	72 - 134	0.2	18	10J4609		10/26/10 12:39
Methyl tert-Butyl Ether	53.9			ug/L	50.0	108%	76 - 120	1	32	10J4609		10/26/10 12:39
Methylene Chloride	48.5			ug/L	50.0	97%	80 - 133	6	36	10J4609		10/26/10 12:39
4-Methyl-2-pentanone	290			ug/L	250	116%	62 - 146	0.3	35	10J4609		10/26/10 12:39
Naphthalene	61.8			ug/L	50.0	124%	71 - 139	2	30	10J4609		10/26/10 12:39
n-Propylbenzene	46.9			ug/L	50.0	94%	70 - 143	0.4	23	10J4609		10/26/10 12:39
Styrene	54.0			ug/L	50.0	108%	80 - 136	2	29	10J4609		10/26/10 12:39
1,1,1,2-Tetrachloroethane	50.4			ug/L	50.0	101%	80 - 130	2	11	10J4609		10/26/10 12:39
1,1,2,2-Tetrachloroethane	50.7			ug/L	50.0	101%	73 - 131	2	28	10J4609		10/26/10 12:39
Tetrachloroethene	52.5			ug/L	50.0	105%	77 - 131	0.04	16	10J4609		10/26/10 12:39
Toluene	49.9			ug/L	50.0	100%	78 - 125	2	35	10J4609		10/26/10 12:39
1,2,3-Trichlorobenzene	56.9			ug/L	50.0	114%	71 - 138	1	28	10J4609		10/26/10 12:39
1,2,4-Trichlorobenzene	57.5			ug/L	50.0	115%	74 - 136	0.7	23	10J4609		10/26/10 12:39
1,1,2-Trichloroethane	51.2			ug/L	50.0	102%	80 - 123	2	21	10J4609		10/26/10 12:39
1,1,1-Trichloroethane	52.8			ug/L	50.0	106%	75 - 137	1	29	10J4609		10/26/10 12:39
Trichloroethene	51.1			ug/L	50.0	102%	74 - 139	2	11	10J4609		10/26/10 12:39
Trichlorofluoromethane	48.7			ug/L	50.0	97%	60 - 133	0.6	33	10J4609		10/26/10 12:39
1,2,3-Trichloropropane	53.7			ug/L	50.0	107%	64 - 127	1	25	10J4609		10/26/10 12:39
1,3,5-Trimethylbenzene	49.3			ug/L	50.0	99%	75 - 134	0.2	21	10J4609		10/26/10 12:39
1,2,4-Trimethylbenzene	48.0			ug/L	50.0	96%	77 - 134	1	20	10J4609		10/26/10 12:39
Vinyl chloride	45.2			ug/L	50.0	90%	60 - 122	0.3	32	10J4609		10/26/10 12:39
Xylenes, total	158			ug/L	150	106%	78 - 134	0.5	18	10J4609		10/26/10 12:39
Surrogate: 1,2-Dichloroethane-d4	46.6			ug/L	50.0	93%	63 - 140			10J4609		10/26/10 12:39
Surrogate: Dibromofluoromethane	49.9			ug/L	50.0	100%	73 - 131			10J4609		10/26/10 12:39
Surrogate: Toluene-d8	50.3			ug/L	50.0	101%	80 - 120			10J4609		10/26/10 12:39
Surrogate: 4-Bromofluorobenzene	47.7			ug/L	50.0	95%	79 - 125			10J4609		10/26/10 12:39
10J5892-BSD1												
Acetone	319			ug/L	250	127%	56 - 150	18	31	10J5892		10/30/10 10:35
Benzene	51.4			ug/L	50.0	103%	80 - 121	6	12	10J5892		10/30/10 10:35
Bromobenzene	46.4			ug/L	50.0	93%	72 - 130	6	23	10J5892		10/30/10 10:35
Bromochloromethane	46.9			ug/L	50.0	94%	73 - 137	5	32	10J5892		10/30/10 10:35
Bromodichloromethane	49.6			ug/L	50.0	99%	75 - 131	5	13	10J5892		10/30/10 10:35
Bromoform	47.8			ug/L	50.0	96%	65 - 140	2	18	10J5892		10/30/10 10:35
Bromomethane	53.6			ug/L	50.0	107%	50 - 150	7	50	10J5892		10/30/10 10:35
2-Butanone	272			ug/L	250	109%	70 - 144	8	37	10J5892		10/30/10 10:35
sec-Butylbenzene	47.6			ug/L	50.0	95%	72 - 140	5	21	10J5892		10/30/10 10:35
n-Butylbenzene	45.8			ug/L	50.0	92%	68 - 140	6	11	10J5892		10/30/10 10:35
tert-Butylbenzene	45.3			ug/L	50.0	91%	76 - 135	6	20	10J5892		10/30/10 10:35
Carbon disulfide	51.5			ug/L	50.0	103%	74 - 137	8	28	10J5892		10/30/10 10:35

Client URS Corporation (6171)
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Work Order: NTJ2567
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PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-BSD1												
Carbon Tetrachloride	45.8			ug/L	50.0	92%	71 - 137	6	26	10J5892		10/30/10 10:35
Chlorobenzene	48.8			ug/L	50.0	98%	80 - 121	4	11	10J5892		10/30/10 10:35
Chlorodibromomethane	51.0			ug/L	50.0	102%	68 - 137	1	16	10J5892		10/30/10 10:35
Chloroethane	49.2			ug/L	50.0	98%	50 - 146	5	35	10J5892		10/30/10 10:35
Chloroform	49.9			ug/L	50.0	100%	73 - 131	6	32	10J5892		10/30/10 10:35
Chloromethane	55.3			ug/L	50.0	111%	30 - 132	6	34	10J5892		10/30/10 10:35
2-Chlorotoluene	47.0			ug/L	50.0	94%	74 - 135	6	22	10J5892		10/30/10 10:35
4-Chlorotoluene	47.3			ug/L	50.0	95%	74 - 132	5	22	10J5892		10/30/10 10:35
1,2-Dibromo-3-chloropropane	41.1			ug/L	50.0	82%	56 - 145	3	21	10J5892		10/30/10 10:35
1,2-Dibromoethane (EDB)	48.9			ug/L	50.0	98%	80 - 135	3	10	10J5892		10/30/10 10:35
Dibromomethane	57.0			ug/L	50.0	114%	78 - 133	6	11	10J5892		10/30/10 10:35
1,4-Dichlorobenzene	45.2			ug/L	50.0	90%	80 - 120	5	10	10J5892		10/30/10 10:35
1,3-Dichlorobenzene	48.5			ug/L	50.0	97%	80 - 128	6	18	10J5892		10/30/10 10:35
1,2-Dichlorobenzene	47.8			ug/L	50.0	96%	80 - 125	4	11	10J5892		10/30/10 10:35
Dichlorodifluoromethane	34.0			ug/L	50.0	68%	30 - 132	6	32	10J5892		10/30/10 10:35
1,1-Dichloroethane	48.5			ug/L	50.0	97%	75 - 125	7	34	10J5892		10/30/10 10:35
1,2-Dichloroethane	41.4			ug/L	50.0	83%	70 - 134	4	25	10J5892		10/30/10 10:35
cis-1,2-Dichloroethene	48.0			ug/L	50.0	96%	71 - 132	7	32	10J5892		10/30/10 10:35
1,1-Dichloroethene	52.2			ug/L	50.0	104%	73 - 125	9	31	10J5892		10/30/10 10:35
trans-1,2-Dichloroethene	49.8			ug/L	50.0	100%	77 - 125	7	32	10J5892		10/30/10 10:35
1,3-Dichloropropane	45.9			ug/L	50.0	92%	76 - 125	2	20	10J5892		10/30/10 10:35
1,2-Dichloropropane	50.7			ug/L	50.0	101%	72 - 120	6	11	10J5892		10/30/10 10:35
2,2-Dichloropropane	49.5			ug/L	50.0	99%	50 - 150	5	11	10J5892		10/30/10 10:35
cis-1,3-Dichloropropene	59.2			ug/L	50.0	118%	70 - 140	3	35	10J5892		10/30/10 10:35
trans-1,3-Dichloropropene	51.6			ug/L	50.0	103%	62 - 139	3	26	10J5892		10/30/10 10:35
1,1-Dichloropropene	48.5			ug/L	50.0	97%	78 - 126	6	18	10J5892		10/30/10 10:35
Ethylbenzene	53.0			ug/L	50.0	106%	78 - 133	4	12	10J5892		10/30/10 10:35
Hexachlorobutadiene	48.6			ug/L	50.0	97%	70 - 150	7	21	10J5892		10/30/10 10:35
2-Hexanone	220			ug/L	250	88%	60 - 150	4	20	10J5892		10/30/10 10:35
Isopropylbenzene	53.9			ug/L	50.0	108%	69 - 120	4	15	10J5892		10/30/10 10:35
p-Isopropyltoluene	46.2			ug/L	50.0	92%	72 - 134	5	18	10J5892		10/30/10 10:35
Methyl tert-Butyl Ether	48.3			ug/L	50.0	97%	76 - 120	9	32	10J5892		10/30/10 10:35
Methylene Chloride	52.3			ug/L	50.0	105%	80 - 133	7	36	10J5892		10/30/10 10:35
4-Methyl-2-pentanone	269			ug/L	250	108%	62 - 146	3	35	10J5892		10/30/10 10:35
Naphthalene	41.0			ug/L	50.0	82%	71 - 139	6	30	10J5892		10/30/10 10:35
n-Propylbenzene	50.5			ug/L	50.0	101%	70 - 143	5	23	10J5892		10/30/10 10:35
Styrene	51.5			ug/L	50.0	103%	80 - 136	3	29	10J5892		10/30/10 10:35
1,1,1,2-Tetrachloroethane	51.1			ug/L	50.0	102%	80 - 130	3	11	10J5892		10/30/10 10:35
1,1,2,2-Tetrachloroethane	47.7			ug/L	50.0	95%	73 - 131	4	28	10J5892		10/30/10 10:35
Tetrachloroethene	45.3			ug/L	50.0	91%	77 - 131	3	16	10J5892		10/30/10 10:35
Toluene	46.9			ug/L	50.0	94%	78 - 125	4	35	10J5892		10/30/10 10:35

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-BSD1												
1,2,3-Trichlorobenzene	43.3			ug/L	50.0	87%	71 - 138	6	28	10J5892		10/30/10 10:35
1,2,4-Trichlorobenzene	42.2			ug/L	50.0	84%	74 - 136	6	23	10J5892		10/30/10 10:35
1,1,2-Trichloroethane	45.5			ug/L	50.0	91%	80 - 123	3	21	10J5892		10/30/10 10:35
1,1,1-Trichloroethane	45.8			ug/L	50.0	92%	75 - 137	7	29	10J5892		10/30/10 10:35
Trichloroethylene	48.3			ug/L	50.0	97%	74 - 139	7	11	10J5892		10/30/10 10:35
Trichlorofluoromethane	38.9			ug/L	50.0	78%	60 - 133	6	33	10J5892		10/30/10 10:35
1,2,3-Trichloropropane	49.8			ug/L	50.0	100%	64 - 127	5	25	10J5892		10/30/10 10:35
1,3,5-Trimethylbenzene	51.0			ug/L	50.0	102%	75 - 134	6	21	10J5892		10/30/10 10:35
1,2,4-Trimethylbenzene	51.0			ug/L	50.0	102%	77 - 134	5	20	10J5892		10/30/10 10:35
Vinyl chloride	52.3			ug/L	50.0	105%	60 - 122	7	32	10J5892		10/30/10 10:35
Xylenes, total	158			ug/L	150	105%	78 - 134	4	18	10J5892		10/30/10 10:35
<i>Surrogate: 1,2-Dichloroethane-d4</i>	19.8			ug/L	25.0	79%	63 - 140			10J5892		10/30/10 10:35
<i>Surrogate: Dibromofluoromethane</i>	23.3			ug/L	25.0	93%	73 - 131			10J5892		10/30/10 10:35
<i>Surrogate: Toluene-d8</i>	23.1			ug/L	25.0	92%	80 - 120			10J5892		10/30/10 10:35
<i>Surrogate: 4-Bromofluorobenzene</i>	22.9			ug/L	25.0	92%	79 - 125			10J5892		10/30/10 10:35

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PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10J4164-MS1										
Nitrate as N	0.725	3.65		mg/L	3.00	98%	80 - 120	10J4164	NTJ2567-05	10/21/10 22:11
10J4948-MS1										
Alkalinity, Total (CaCO ₃)	42.9	135		mg/L	100	93%	80 - 120	10J4948	NTJ2229-05	11/01/10 20:42
10J4965-MS1										
Alkalinity, Total (CaCO ₃)	ND	ND	A-01	mg/L	100	0%	80 - 120	10J4965	NTJ2567-05	11/02/10 12:35
10J5211-MS1										
Total Organic Carbon	2.48	21.4		mg/L	20.0	95%	66 - 135	10J5211	NTJ2567-05RE	10/27/10 11:27
1										
Total Metals by EPA Method 6010B										
10J4498-MS1										
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125	10J4498	NTJ2567-05	10/26/10 09:50
Dissolved Metals by EPA Method 6010B										
10J5197-MS1										
Iron	2.75	3.77		mg/L	1.00	102%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Lead	ND	0.0484		mg/L	0.0500	97%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Manganese	0.0440	0.515		mg/L	0.500	94%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
10J5647-MS1										
Iron	ND	0.976		mg/L	1.00	98%	75 - 125	10J5647	NTJ3213-01	10/29/10 16:24
Manganese	ND	0.472		mg/L	0.500	94%	75 - 125	10J5647	NTJ3213-01	10/29/10 16:24
10J5817-MS1										
Iron	43.6	46.6	MHA	mg/L	1.00	292%	75 - 125	10J5817	NTJ2567-05	11/01/10 13:38
Lead	0.158	0.219		mg/L	0.0500	122%	75 - 125	10J5817	NTJ2567-05	11/01/10 13:38
Manganese	50.6	52.5	MHA	mg/L	0.500	364%	75 - 125	10J5817	NTJ2567-05	11/01/10 13:38
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Acetone	ND	1570		ug/L	1250	125%	56 - 150	10J4609	NTJ2567-05RE	10/26/10 22:58
Benzene	ND	277		ug/L	250	111%	65 - 151	10J4609	NTJ2567-05RE	10/26/10 22:58
Bromobenzene	ND	241		ug/L	250	97%	69 - 142	10J4609	NTJ2567-05RE	10/26/10 22:58
Bromochloromethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE	10/26/10 22:58
Bromodichloromethane	ND	283		ug/L	250	113%	75 - 138	10J4609	NTJ2567-05RE	10/26/10 22:58
2										

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
		Project Name:	C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Bromoform	ND	312		ug/L	250	125%	55 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromomethane	ND	174		ug/L	250	70%	13 - 176	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Butanone	ND	1630		ug/L	1250	130%	45 - 164	10J4609	NTJ2567-05RE 2	10/26/10 22:58
sec-Butylbenzene	ND	241		ug/L	250	96%	68 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Butylbenzene	ND	285		ug/L	250	114%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
tert-Butylbenzene	ND	211		ug/L	250	84%	73 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Carbon disulfide	ND	274		ug/L	250	110%	33 - 187	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Carbon Tetrachloride	ND	315		ug/L	250	126%	64 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorobenzene	ND	284		ug/L	250	114%	78 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorodibromomethane	ND	291		ug/L	250	116%	64 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroethane	ND	226		ug/L	250	90%	48 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroform	11.8	291		ug/L	250	112%	72 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloromethane	ND	121		ug/L	250	48%	10 - 194	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Chlorotoluene	ND	251		ug/L	250	101%	66 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Chlorotoluene	ND	269		ug/L	250	108%	69 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromo-3-chloropropane	ND	309		ug/L	250	124%	49 - 162	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromoethane (EDB)	ND	291		ug/L	250	116%	70 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dibromomethane	ND	285		ug/L	250	114%	75 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,4-Dichlorobenzene	ND	272		ug/L	250	109%	75 - 135	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichlorobenzene	ND	263		ug/L	250	105%	72 - 146	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichlorobenzene	ND	270		ug/L	250	108%	80 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dichlorodifluoromethane	ND	88.0		ug/L	250	35%	23 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloroethane	ND	280		ug/L	250	112%	72 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
cis-1,2-Dichloroethene	ND	296		ug/L	250	118%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethene	ND	305		ug/L	250	122%	34 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
trans-1,2-Dichloroethene	ND	297		ug/L	250	119%	57 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichloropropane	ND	281		ug/L	250	112%	71 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloropropane	ND	264		ug/L	250	105%	71 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2,2-Dichloropropane	ND	352		ug/L	250	141%	10 - 198	10J4609	NTJ2567-05RE 2	10/26/10 22:58
cis-1,3-Dichloropropene	ND	304		ug/L	250	122%	56 - 156	10J4609	NTJ2567-05RE 2	10/26/10 22:58
trans-1,3-Dichloropropene	ND	295		ug/L	250	118%	47 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloropropene	ND	309		ug/L	250	124%	70 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Ethylbenzene	ND	285		ug/L	250	114%	68 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Hexachlorobutadiene	ND	257		ug/L	250	103%	47 - 173	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Hexanone	ND	1600		ug/L	1250	128%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Isopropylbenzene	ND	324		ug/L	250	130%	69 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
p-Isopropyltoluene	ND	262		ug/L	250	105%	69 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methyl tert-Butyl Ether	ND	291		ug/L	250	117%	56 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methylene Chloride	1.45	281		ug/L	250	112%	71 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Methyl-2-pentanone	ND	1450		ug/L	1250	116%	62 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Naphthalene	ND	295		ug/L	250	118%	56 - 161	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Propylbenzene	ND	255		ug/L	250	102%	61 - 167	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Styrene	ND	299		ug/L	250	120%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1,2-Tetrachloroethane	ND	272		ug/L	250	109%	80 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2,2-Tetrachloroethane	ND	263		ug/L	250	105%	76 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Tetrachloroethene	2.85	303		ug/L	250	120%	63 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Toluene	ND	284		ug/L	250	113%	61 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
		Project Name:	C&D Conyers GA
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		Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
1,2,3-Trichlorobenzene										
1,2,3-Trichlorobenzene	ND	288		ug/L	250	115%	57 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trichlorobenzene	ND	296		ug/L	250	118%	64 - 147	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2-Trichloroethane	ND	284		ug/L	250	113%	74 - 138	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1-Trichloroethane	ND	317		ug/L	250	127%	78 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichloroethene	460	791		ug/L	250	133%	74 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichlorofluoromethane	ND	227		ug/L	250	91%	53 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,3-Trichloroproppane	ND	271		ug/L	250	108%	49 - 148	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3,5-Trimethylbenzene	ND	255		ug/L	250	102%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trimethylbenzene	ND	251		ug/L	250	101%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Vinyl chloride	ND	185		ug/L	250	74%	53 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Xylenes, total	ND	891		ug/L	750	119%	68 - 158	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.0		ug/L	50.0	98%	63 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Dibromofluoromethane</i>		52.0		ug/L	50.0	104%	73 - 131	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Toluene-d8</i>		50.2		ug/L	50.0	100%	80 - 120	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 4-Bromofluorobenzene</i>		45.5		ug/L	50.0	91%	79 - 125	10J4609	NTJ2567-05RE 2	10/26/10 22:58
10J5892-MS1										
Acetone										
Acetone	ND	2380		ug/L	2500	95%	56 - 150	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Benzene	ND	485		ug/L	500	97%	65 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromobenzene	ND	431		ug/L	500	86%	69 - 142	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromochloromethane	ND	433		ug/L	500	87%	64 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromodichloromethane	ND	502		ug/L	500	100%	75 - 138	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromoform	ND	500		ug/L	500	100%	55 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromomethane	ND	349		ug/L	500	70%	13 - 176	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2-Butanone	ND	2440		ug/L	2500	98%	45 - 164	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J5892-MS1										
sec-Butylbenzene	ND	452		ug/L	500	90%	68 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
n-Butylbenzene	ND	432		ug/L	500	86%	67 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
tert-Butylbenzene	ND	432		ug/L	500	86%	73 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Carbon disulfide	ND	383		ug/L	500	77%	33 - 187	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Carbon Tetrachloride	ND	449		ug/L	500	90%	64 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chlorobenzene	ND	497		ug/L	500	99%	78 - 136	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chlorodibromomethane	ND	581		ug/L	500	116%	64 - 145	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chloroethane	ND	422		ug/L	500	84%	48 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chloroform	ND	503		ug/L	500	101%	72 - 145	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chloromethane	ND	362		ug/L	500	72%	10 - 194	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2-Chlorotoluene	ND	446		ug/L	500	89%	66 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
4-Chlorotoluene	ND	453		ug/L	500	91%	69 - 149	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dibromo-3-chloropropane	ND	351		ug/L	500	70%	49 - 162	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dibromoethane (EDB)	ND	504		ug/L	500	101%	70 - 152	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Dibromomethane	ND	542		ug/L	500	108%	75 - 141	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,4-Dichlorobenzene	ND	432		ug/L	500	86%	75 - 135	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,3-Dichlorobenzene	ND	461		ug/L	500	92%	72 - 146	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dichlorobenzene	ND	457		ug/L	500	91%	80 - 136	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Dichlorodifluoromethane	ND	244		ug/L	500	49%	23 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1-Dichloroethane	31.1	497		ug/L	500	93%	64 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dichloroethane	9.10	406		ug/L	500	79%	72 - 137	10J5892	NTJ3216-11RE 1	10/30/10 20:21
cis-1,2-Dichloroethene	ND	451		ug/L	500	90%	57 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1-Dichloroethene	550	980		ug/L	500	86%	34 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
trans-1,2-Dichloroethene	ND	434		ug/L	500	87%	57 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J5892-MS1										
1,3-Dichloropropane	ND	526		ug/L	500	105%	71 - 137	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dichloropropane	ND	502		ug/L	500	100%	71 - 139	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2,2-Dichloropropane	ND	450		ug/L	500	90%	10 - 198	10J5892	NTJ3216-11RE 1	10/30/10 20:21
cis-1,3-Dichloropropene	ND	590		ug/L	500	118%	56 - 156	10J5892	NTJ3216-11RE 1	10/30/10 20:21
trans-1,3-Dichloropropene	ND	559		ug/L	500	112%	47 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1-Dichloropropene	ND	441		ug/L	500	88%	70 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Ethylbenzene	ND	539		ug/L	500	108%	68 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Hexachlorobutadiene	ND	437		ug/L	500	87%	47 - 173	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2-Hexanone	ND	2410		ug/L	2500	96%	57 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Isopropylbenzene	ND	562		ug/L	500	112%	69 - 139	10J5892	NTJ3216-11RE 1	10/30/10 20:21
p-Isopropyltoluene	ND	440		ug/L	500	88%	69 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Methyl tert-Butyl Ether	ND	424		ug/L	500	85%	56 - 152	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Methylene Chloride	ND	475		ug/L	500	95%	71 - 136	10J5892	NTJ3216-11RE 1	10/30/10 20:21
4-Methyl-2-pentanone	35.6	2690		ug/L	2500	106%	62 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Naphthalene	ND	317		ug/L	500	63%	56 - 161	10J5892	NTJ3216-11RE 1	10/30/10 20:21
n-Propylbenzene	ND	476		ug/L	500	95%	61 - 167	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Styrene	ND	534		ug/L	500	107%	69 - 150	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1,1,2-Tetrachloroethane	ND	545		ug/L	500	109%	80 - 140	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1,2,2-Tetrachloroethane	ND	452		ug/L	500	90%	76 - 141	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Tetrachloroethene	6.70	496		ug/L	500	98%	63 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Toluene	ND	473		ug/L	500	95%	61 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,3-Trichlorobenzene	ND	345		ug/L	500	69%	57 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,4-Trichlorobenzene	ND	358		ug/L	500	72%	64 - 147	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1,2-Trichloroethane	ND	532		ug/L	500	106%	74 - 138	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J5892-MS1										
1,1,1-Trichloroethane	ND	454		ug/L	500	91%	78 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Trichloroethene	97.2	556		ug/L	500	92%	74 - 139	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Trichlorofluoromethane	12.0	369		ug/L	500	71%	53 - 149	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,3-Trichloropropane	173	452		ug/L	500	56%	49 - 148	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,3,5-Trimethylbenzene	ND	482		ug/L	500	96%	67 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,4-Trimethylbenzene	ND	484		ug/L	500	97%	69 - 150	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Vinyl chloride	ND	398		ug/L	500	80%	53 - 137	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Xylenes, total	ND	1620		ug/L	1500	108%	68 - 158	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: 1,2-Dichloroethane-d4		20.5		ug/L	25.0	82%	63 - 140	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	97%	73 - 131	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: Toluene-d8		24.6		ug/L	25.0	98%	80 - 120	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: 4-Bromofluorobenzene		21.9		ug/L	25.0	87%	79 - 125	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J4164-MSD1												
Nitrate as N	0.725	5.79	R2	mg/L	3.00	169%	80 - 120	45	20	10J4164	NTJ2567-05	10/21/10 22:30
10J5211-MSD1												
Total Organic Carbon	2.48	21.8		mg/L	20.0	97%	66 - 135	2	20	10J5211	NTJ2567-05RE1	10/27/10 11:27
Total Metals by EPA Method 6010B												
10J4498-MSD1												
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125		20	10J4498	NTJ2567-05	10/26/10 09:53
Dissolved Metals by EPA Method 6010B												
10J5197-MSD1												
Iron	2.75	3.78		mg/L	1.00	103%	75 - 125	0.2	20	10J5197	NTJ3128-18	10/29/10 15:29
Lead	ND	0.0493		mg/L	0.0500	99%	75 - 125	2	20	10J5197	NTJ3128-18	10/29/10 15:29
Manganese	0.0440	0.519		mg/L	0.500	95%	75 - 125	0.7	20	10J5197	NTJ3128-18	10/29/10 15:29
10J5647-MSD1												
Iron	ND	0.968		mg/L	1.00	97%	75 - 125	0.8	20	10J5647	NTJ3213-01	10/29/10 16:26
Manganese	ND	0.466		mg/L	0.500	93%	75 - 125	1	20	10J5647	NTJ3213-01	10/29/10 16:26
10J5817-MSD1												
Iron	43.6	47.0	MHA	mg/L	1.00	340%	75 - 125	1	20	10J5817	NTJ2567-05	11/01/10 13:41
Lead	0.158	0.216		mg/L	0.0500	116%	75 - 125	1	20	10J5817	NTJ2567-05	11/01/10 13:41
Manganese	50.6	52.1	MHA	mg/L	0.500	290%	75 - 125	0.7	20	10J5817	NTJ2567-05	11/01/10 13:41
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Acetone	ND	1590		ug/L	1250	128%	56 - 150	2	31	10J4609	NTJ2567-05RE2	10/26/10 23:28
Benzene	ND	289		ug/L	250	116%	65 - 151	4	12	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromobenzene	ND	262		ug/L	250	105%	69 - 142	8	23	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromochloromethane	ND	310		ug/L	250	124%	64 - 154	6	32	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromodichloromethane	ND	301		ug/L	250	120%	75 - 138	6	13	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromoform	ND	339		ug/L	250	136%	55 - 153	8	18	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromomethane	ND	187		ug/L	250	75%	13 - 176	7	50	10J4609	NTJ2567-05RE2	10/26/10 23:28
2-Butanone	ND	1710		ug/L	1250	137%	45 - 164	5	37	10J4609	NTJ2567-05RE2	10/26/10 23:28
sec-Butylbenzene	ND	280		ug/L	250	112%	68 - 159	15	21	10J4609	NTJ2567-05RE2	10/26/10 23:28

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
n-Butylbenzene	ND	307		ug/L	250	123%	67 - 151	7	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
tert-Butylbenzene	ND	231		ug/L	250	93%	73 - 153	9	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Carbon disulfide	ND	286		ug/L	250	114%	33 - 187	4	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Carbon Tetrachloride	ND	337		ug/L	250	135%	64 - 157	7	26	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chlorobenzene	ND	308		ug/L	250	123%	78 - 136	8	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chlorodibromomethane	ND	313		ug/L	250	125%	64 - 145	7	16	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloroethane	ND	215		ug/L	250	86%	48 - 159	5	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloroform	11.8	307		ug/L	250	118%	72 - 145	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloromethane	ND	106		ug/L	250	42%	10 - 194	13	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Chlorotoluene	ND	274		ug/L	250	110%	66 - 155	9	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Chlorotoluene	ND	324		ug/L	250	130%	69 - 149	18	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromo-3-chloropropane	ND	349		ug/L	250	140%	49 - 162	12	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromoethane (EDB)	ND	315		ug/L	250	126%	70 - 152	8	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dibromomethane	ND	299		ug/L	250	120%	75 - 141	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,4-Dichlorobenzene	ND	314	R	ug/L	250	126%	75 - 135	14	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichlorobenzene	ND	283		ug/L	250	113%	72 - 146	7	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichlorobenzene	ND	289		ug/L	250	116%	80 - 136	7	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dichlorodifluoromethane	ND	92.7		ug/L	250	37%	23 - 159	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethane	ND	309		ug/L	250	124%	64 - 154	6	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloroethane	ND	294		ug/L	250	118%	72 - 137	5	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
cis-1,2-Dichloroethene	ND	310		ug/L	250	124%	57 - 154	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethene	ND	320		ug/L	250	128%	34 - 151	5	31	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,2-Dichloroethene	ND	313		ug/L	250	125%	57 - 157	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichloropropane	ND	295		ug/L	250	118%	71 - 137	5	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloropropane	ND	280		ug/L	250	112%	71 - 139	6	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2,2-Dichloropropane	ND	371		ug/L	250	148%	10 - 198	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
cis-1,3-Dichloropropene	ND	329		ug/L	250	132%	56 - 156	8	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,3-Dichloropropene	ND	320		ug/L	250	128%	47 - 157	8	26	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloropropene	ND	325		ug/L	250	130%	70 - 155	5	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Ethylbenzene	ND	306		ug/L	250	122%	68 - 157	7	12	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Hexachlorobutadiene	ND	274		ug/L	250	110%	47 - 173	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Hexanone	ND	1710		ug/L	1250	137%	57 - 154	6	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Isopropylbenzene	ND	352	M7	ug/L	250	141%	69 - 139	8	15	10J4609	NTJ2567-05RE 2	10/26/10 23:28
p-Isopropyltoluene	ND	284		ug/L	250	114%	69 - 151	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methyl tert-Butyl Ether	ND	312		ug/L	250	125%	56 - 152	7	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methylene Chloride	1.45	278		ug/L	250	111%	71 - 136	1	36	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Methyl-2-pentanone	ND	1540		ug/L	1250	123%	62 - 159	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Naphthalene	ND	321		ug/L	250	128%	56 - 161	8	30	10J4609	NTJ2567-05RE 2	10/26/10 23:28
n-Propylbenzene	ND	275		ug/L	250	110%	61 - 167	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Styrene	ND	318		ug/L	250	127%	69 - 150	6	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1,2-Tetrachloroethane	ND	294		ug/L	250	117%	80 - 140	8	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2,2-Tetrachloroethane	ND	279		ug/L	250	112%	76 - 141	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Tetrachloroethene	2.85	325		ug/L	250	129%	63 - 155	7	16	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Toluene	ND	301		ug/L	250	120%	61 - 153	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichlorobenzene	ND	305		ug/L	250	122%	57 - 155	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,4-Trichlorobenzene	ND	321		ug/L	250	129%	64 - 147	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2-Trichloroethane	ND	300		ug/L	250	120%	74 - 138	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1-Trichloroethane	ND	334		ug/L	250	134%	78 - 153	5	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichloroethene	460	813	M7	ug/L	250	141%	74 - 139	3	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichlorofluoromethane	ND	240		ug/L	250	96%	53 - 149	5	33	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichloropropane	ND	303		ug/L	250	121%	49 - 148	11	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3,5-Trimethylbenzene	ND	279		ug/L	250	112%	67 - 151	9	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
1,2,4-Trimethylbenzene	ND	275		ug/L	250	110%	69 - 150	9	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Vinyl chloride	ND	190		ug/L	250	76%	53 - 137	3	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Xylenes, total	ND	961		ug/L	750	128%	68 - 158	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: 1,2-Dichloroethane-d4</i>	47.8			ug/L	50.0	96%	63 - 140			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Dibromofluoromethane</i>	51.4			ug/L	50.0	103%	73 - 131			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Toluene-d8</i>	50.4			ug/L	50.0	101%	80 - 120			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: 4-Bromofluorobenzene</i>	46.5			ug/L	50.0	93%	79 - 125			10J4609	NTJ2567-05RE 2	10/26/10 23:28
10J5892-MSD1												
Acetone	ND	2570		ug/L	2500	103%	56 - 150	8	31	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Benzene	ND	496		ug/L	500	99%	65 - 151	2	12	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromobenzene	ND	455		ug/L	500	91%	69 - 142	5	23	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromochloromethane	ND	439		ug/L	500	88%	64 - 154	2	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromodichloromethane	ND	506		ug/L	500	101%	75 - 138	0.9	13	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromoform	ND	503		ug/L	500	101%	55 - 153	0.7	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromomethane	ND	439		ug/L	500	88%	13 - 176	23	50	10J5892	NTJ3216-11RE 1	10/30/10 20:49
2-Butanone	ND	2530		ug/L	2500	101%	45 - 164	4	37	10J5892	NTJ3216-11RE 1	10/30/10 20:49
sec-Butylbenzene	ND	480		ug/L	500	96%	68 - 159	6	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
n-Butylbenzene	ND	457		ug/L	500	91%	67 - 151	6	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
tert-Butylbenzene	ND	456		ug/L	500	91%	73 - 153	6	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Carbon disulfide	ND	403		ug/L	500	81%	33 - 187	5	28	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Carbon Tetrachloride	ND	452		ug/L	500	90%	64 - 157	0.6	26	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chlorobenzene	ND	500		ug/L	500	100%	78 - 136	0.8	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chlorodibromomethane	ND	587		ug/L	500	117%	64 - 145	1	16	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chloroethane	ND	450		ug/L	500	90%	48 - 159	6	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chloroform	ND	511		ug/L	500	102%	72 - 145	2	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chloromethane	ND	402		ug/L	500	80%	10 - 194	10	34	10J5892	NTJ3216-11RE 1	10/30/10 20:49

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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-MSD1												
2-Chlorotoluene	ND	466		ug/L	500	93%	66 - 155	4	22	10J5892	NTJ3216-11RE 1	10/30/10 20:49
4-Chlorotoluene	ND	470		ug/L	500	94%	69 - 149	4	22	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dibromo-3-chloropropane	ND	410		ug/L	500	82%	49 - 162	15	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dibromoethane (EDB)	ND	515		ug/L	500	103%	70 - 152	2	10	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Dibromomethane	ND	548		ug/L	500	110%	75 - 141	1	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,4-Dichlorobenzene	ND	451		ug/L	500	90%	75 - 135	4	10	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,3-Dichlorobenzene	ND	481		ug/L	500	96%	72 - 146	4	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dichlorobenzene	ND	479		ug/L	500	96%	80 - 136	5	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Dichlorodifluoromethane	ND	273		ug/L	500	55%	23 - 159	11	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1-Dichloroethane	31.1	506		ug/L	500	95%	64 - 154	2	34	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dichloroethane	9.10	410		ug/L	500	80%	72 - 137	1	25	10J5892	NTJ3216-11RE 1	10/30/10 20:49
cis-1,2-Dichloroethene	ND	462		ug/L	500	92%	57 - 154	2	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1-Dichloroethene	550	1040		ug/L	500	98%	34 - 151	6	31	10J5892	NTJ3216-11RE 1	10/30/10 20:49
trans-1,2-Dichloroethene	ND	454		ug/L	500	91%	57 - 157	5	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,3-Dichloropropane	ND	480		ug/L	500	96%	71 - 137	9	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dichloropropane	ND	503		ug/L	500	101%	71 - 139	0.2	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
2,2-Dichloropropane	ND	458		ug/L	500	92%	10 - 198	2	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
cis-1,3-Dichloropropene	ND	596		ug/L	500	119%	56 - 156	1	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
trans-1,3-Dichloropropene	ND	519		ug/L	500	104%	47 - 157	7	26	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1-Dichloropropene	ND	457		ug/L	500	91%	70 - 155	4	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Ethylbenzene	ND	544		ug/L	500	109%	68 - 157	0.9	12	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Hexachlorobutadiene	ND	485		ug/L	500	97%	47 - 173	10	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
2-Hexanone	ND	2310		ug/L	2500	92%	57 - 154	4	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Isopropylbenzene	ND	569		ug/L	500	114%	69 - 139	1	15	10J5892	NTJ3216-11RE 1	10/30/10 20:49
p-Isopropyltoluene	ND	464		ug/L	500	93%	69 - 151	5	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Methyl tert-Butyl Ether	ND	457		ug/L	500	91%	56 - 152	7	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49

Client URS Corporation (6171)
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Franklin, TN 37067
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-MSD1												
Methylene Chloride	ND	493		ug/L	500	99%	71 - 136	4	36	10J5892	NTJ3216-11RE 1	10/30/10 20:49
4-Methyl-2-pentanone	35.6	2740		ug/L	2500	108%	62 - 159	2	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Naphthalene	ND	392		ug/L	500	78%	56 - 161	21	30	10J5892	NTJ3216-11RE 1	10/30/10 20:49
n-Propylbenzene	ND	499		ug/L	500	100%	61 - 167	5	23	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Styrene	ND	535		ug/L	500	107%	69 - 150	0.09	29	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,1,2-Tetrachloroethane	ND	551		ug/L	500	110%	80 - 140	1	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,2,2-Tetrachloroethane	ND	478		ug/L	500	96%	76 - 141	6	28	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Tetrachloroethene	6.70	462		ug/L	500	91%	63 - 155	7	16	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Toluene	ND	475		ug/L	500	95%	61 - 153	0.5	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,3-Trichlorobenzene	ND	419		ug/L	500	84%	57 - 155	19	28	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,4-Trichlorobenzene	ND	411		ug/L	500	82%	64 - 147	14	23	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,2-Trichloroethane	ND	486		ug/L	500	97%	74 - 138	9	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,1-Trichloroethane	ND	458		ug/L	500	92%	78 - 153	1	29	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Trichloroethene	97.2	566		ug/L	500	94%	74 - 139	2	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Trichlorofluoromethane	12.0	388		ug/L	500	75%	53 - 149	5	33	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,3-Trichloropropane	173	479		ug/L	500	61%	49 - 148	6	25	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,3,5-Trimethylbenzene	ND	506		ug/L	500	101%	67 - 151	5	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,4-Trimethylbenzene	ND	507		ug/L	500	101%	69 - 150	5	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Vinyl chloride	ND	447		ug/L	500	89%	53 - 137	12	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Xylenes, total	ND	1620		ug/L	1500	108%	68 - 158	0.2	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: 1,2-Dichloroethane-d4		19.9		ug/L	25.0	79%	63 - 140			10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: Dibromofluoromethane		23.6		ug/L	25.0	95%	73 - 131			10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	80 - 120			10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: 4-Bromofluorobenzene		22.8		ug/L	25.0	91%	79 - 125			10J5892	NTJ3216-11RE 1	10/30/10 20:49

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
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Received: 10/21/10 08:10

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Georgia
SM2320 B	Water		X	
SW846 6010B	Water	N/A	X	
SW846 8260B	Water	N/A	X	
SW846 9056	Water	N/A	X	
SW846 9060A	Water		X	

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
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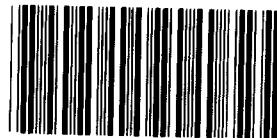
Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
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DATA QUALIFIERS AND DEFINITIONS

- A-01** Sample titrated <4.5 due to sample matrix
- H2** Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
- HT3** Sample received with insufficient holding time remaining for analysis to be performed within the method's holding time requirements.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M4** The MS/MSD required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information. See Blank Spike (LCS).
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- R** The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R2** The RPD exceeded the acceptance limit.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



Cooler Received/Opened On 10/21/10 @ 08:10

NTJ256

1. Tracking # 9735 (last 4 digits, Fe)

Courier: FED-EX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 1.0 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA4. Were custody seals on outside of cooler? YES...NO...NAIf yes, how many and where: 6 FRONT5. Were the seals intact, signed, and dated correctly? YES...NO...NA6. Were custody papers inside cooler? YES...NO...NAI certify that I opened the cooler and answered questions 1-6 (initial)7. Were custody seals on containers: YES NO and Intact YES...NO...NAWere these signed and dated correctly? YES...NO...NA8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None10. Did all containers arrive in good condition (unbroken)? YES...NO...NA11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA12. Did all container labels and tags agree with custody papers? YES...NO...NA13a. Were VOA vials received? YES...NO...NAb. Was there any observable headspace present in any VOA vial? YES...NO...NA14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1I certify that I unloaded the cooler and answered questions 7-14 (initial)15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NAb. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA16. Was residual chlorine present? YES...NO...NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA18. Did you sign the custody papers in the appropriate place? YES...NO...NA19. Were correct containers used for the analysis requested? YES...NO...NA20. Was sufficient amount of sample sent in each container? YES...NO...NAI certify that I entered this project into LIMS and answered questions 17-20 (initial)I certify that I attached a label with the unique LIMS number to each container (initial)21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO ...#

TE NTJ2567

11/04/10 23:59

TEST AMERICA INC. - ENVIRONMENTAL SERVICES
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404
, "Reg District (CA)"

Client: URS Corporation (6171)

Address: 1000 Corporate Center, Suite 250

City, State, Zip: Franklin

Client Invoice Contact: Accounts Payable

Client Project Mgr: Craig Bernhoff

Client Telephone#: (615) 771-2480

Fax: (615) 771-2459

Reg District (CA):

Site Address: 1835 Rockdale Blvd

City, State, Zip: Conyers Georgia

TA Account #: 1426041

PO #: Craig.Bernhoff@urscorp.com

Invoice to: URS Corporation (6171)

Project Name: C&D Conyers GA

Report to: Craig Bernhoff

Facility ID: 20500332.00001

Page **1** of **2**

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) None	(Black Label) HNO3	Groundwater	Drinking Water	Wastewater	Sludge	Soil	(Specify) Other	8260B Volatile Organics	Alkalinity Total SM2320 B	Iron Dissolved SW 6010B	Lead Total EPA 6010B	Magnesium Dissolved SW 6010B	TOC 9060A	Nitrate SW846 9056	Sulfate 9056	Manganese Dissolved SW 6010B	Assayed Lead	Analyze for	Preservative		Matrix	
MW-3	10/20/10	1630	5	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
D MW-38	10/20/10	1815	6	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
D MW-3D	10/20/10	1035	6	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
D MW-3D DWP	10/20/10	1030	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MW-37 MS/MSD	10/20/10	1030	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EQ BLK-1	10/20/10	1445	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EQ BLK-2	10/20/10	1150	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MW-38 DWP	10/20/10	1330	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MW-38 DWP	10/20/10	1335	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:	Date: 10/20/10	Time: 1600	Received by: George Day	Date: 10/20/10	Time: 16:00	Relinquished by: <i>[Signature]</i>	Date: 10/20/10	Time: 16:30
Shipped Via: Test America Courier	Shipped Via:		Temperature Upon:		QC Deliverables (Please Circle One):		Date Due of Report:	
Received for Test/America by:	Date: 10/21/10	Time: <i>[Signature]</i>	Sample Containers Intact? Y N		Level 2	Level 3	Level 4	Site Specific
Receipt: 10		VOCS Free of Headspace? Y N		(If site specific, please pre-schedule w/ TestAmerica)				

COOLER RECEIPT FORM

NTJ2567

11/04/10 23:59

Cooler Received/Opened On: 10/21/2010 @ 8:10

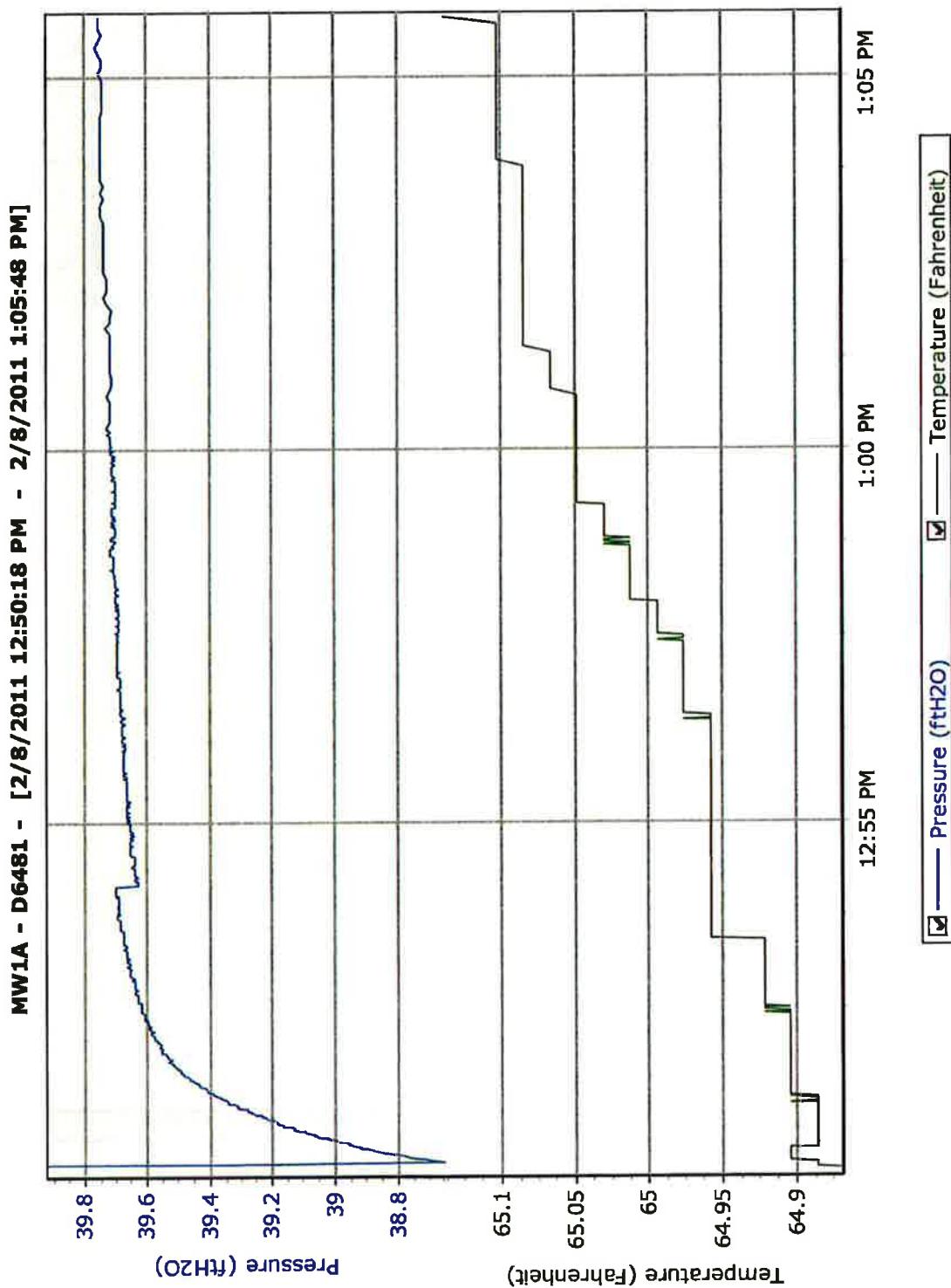
Fed-ex Tracking number 9021

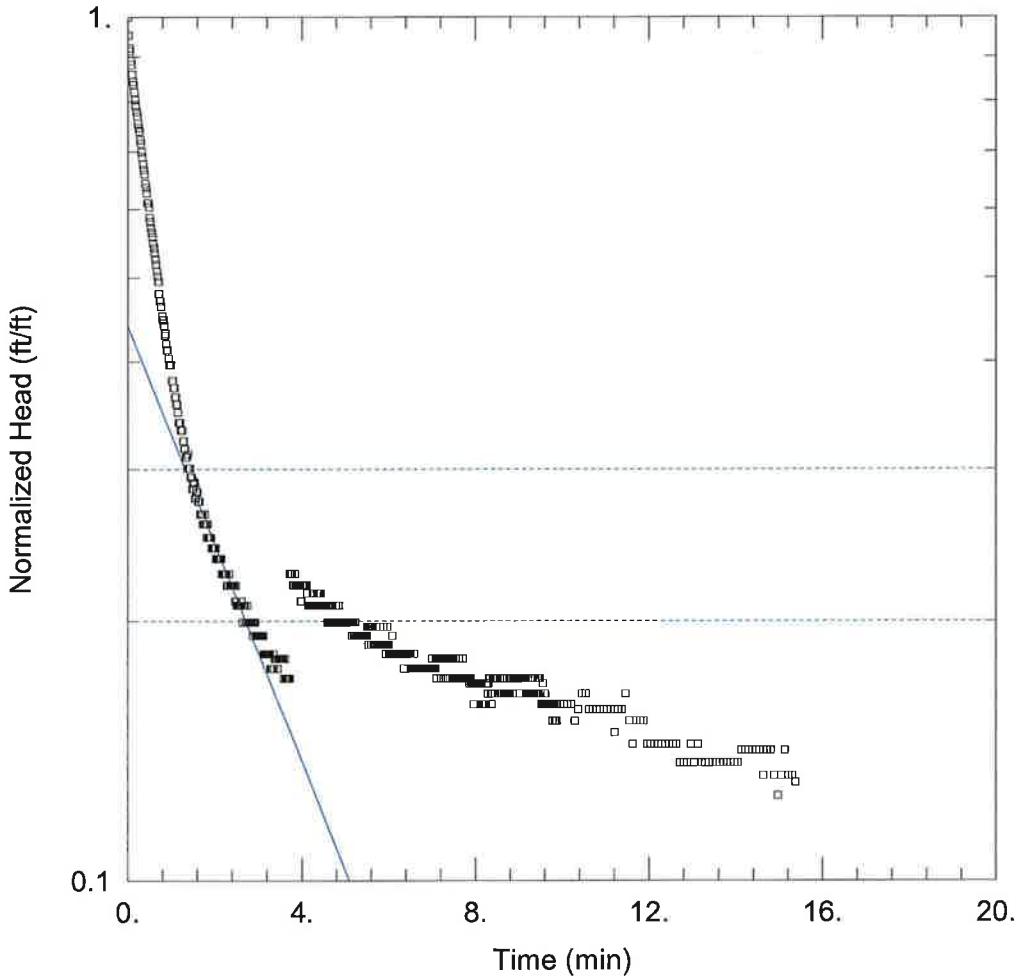
IR Gun ID: 95610068

1. Temperature of rep. sample or temp blank when opened: 0.7 Degrees Celsius
3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA
4. Were custody seals on outside of cooler?
If yes, how many and where: If-ant YES NO NA
5. Were the seals intact, signed, and dated correctly? YES NO NA
6. Were custody papers inside cooler? YES NO NA
- I certify that I opened the cooler and answered questions 1-6 (initial)
7. Were custody seals on containers: YES NO and Intact YES NO NA
Were these signed and dated correctly? YES NO NA
8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)? YES NO NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA
12. Did all container labels and tags agree with custody papers? YES NO NA
- 13a. Were VOA vials received?
b. Was there any observable headspace present in any VOA vial? YES NO NA
14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # 2
I certify that I unloaded the cooler and answered questions 7-14 (initial)
- 15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA
b. Did the bottle labels indicate that the correct preservatives were used YES NO NA
16. Was residual chlorine present? YES NO NA
I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)
17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA
18. Did you sign the custody papers in the appropriate place? YES NO NA
19. Were correct containers used for the analysis requested? YES NO NA
20. Was sufficient amount of sample sent in each container? YES NO NA
I certify that I entered this project into LIMS and answered questions 17-20 (initial)
- I certify that I attached a label with the unique LIMS number to each container (initial)
21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO ...#

APPENDIX D

Slug Test Analytical Results and Solutions





MW-01 (RISING HEAD)

Data Set: P:\...\MW1A_BR.aqt
Date: 12/27/11

Time: 16:39:06

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-01
Test Date: February 8, 2011

AQUIFER DATA

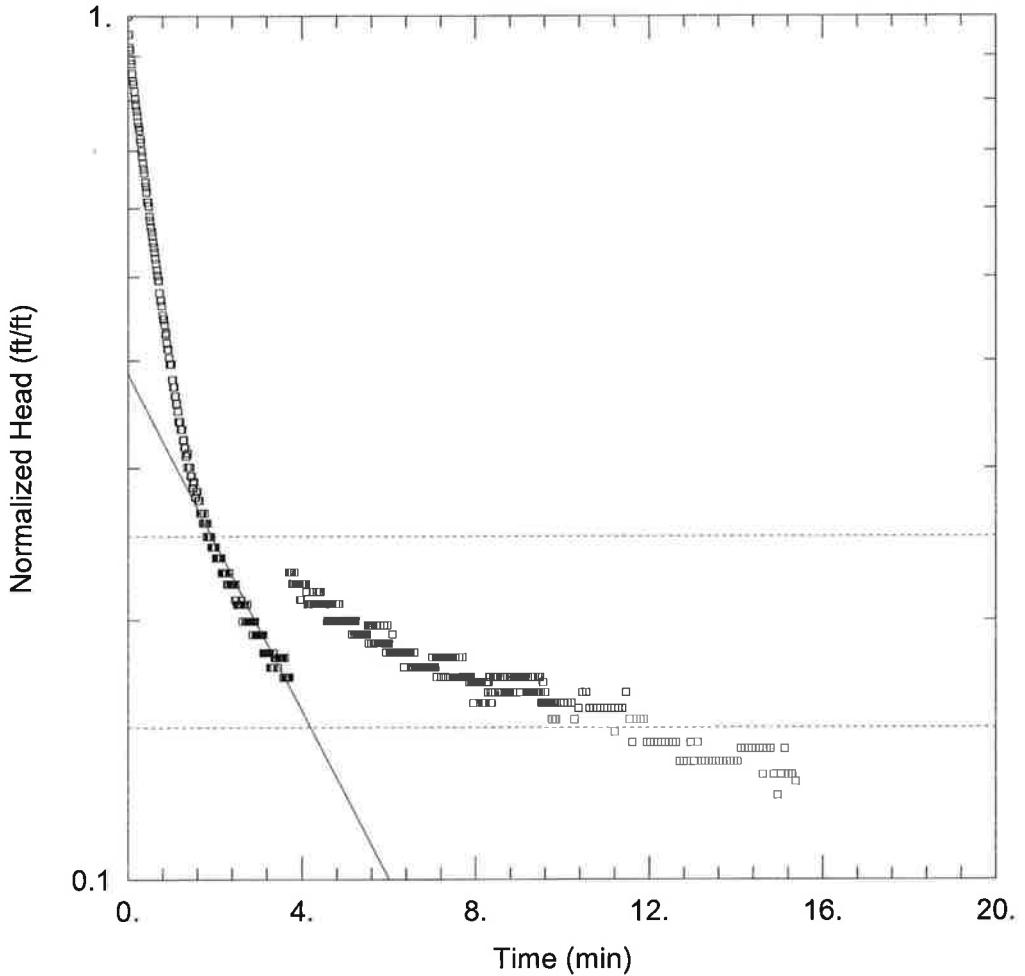
Saturated Thickness: 8. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW01A)

Initial Displacement: 1.3 ft	Static Water Column Height: 8. ft
Total Well Penetration Depth: 10. ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.001551 ft/min	y0 = 0.5717 ft



MW-01 (RISING HEAD)

Data Set: P:\...\MW1A_HVR.aqt
Date: 12/27/11

Time: 16:39:44

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-01
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 8. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW01A)

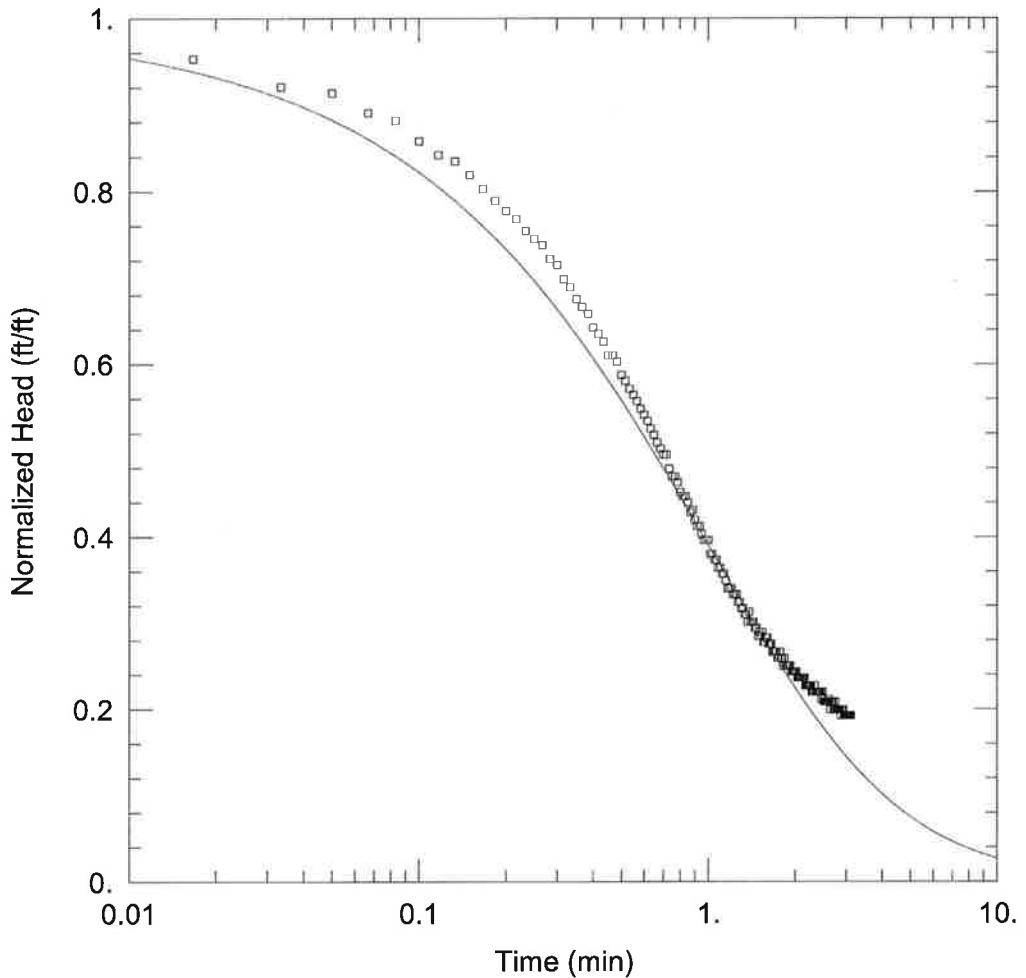
Initial Displacement: 1.3 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.0833 ft

Static Water Column Height: 8. ft
Screen Length: 10. ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.002492 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 0.5022 \text{ ft}$



MW-01 (RISING HEAD)

Data Set: P:\...\MW1A_KGS.aqt
Date: 12/27/11

Time: 16:45:55

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-01
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 8. ft

WELL DATA (MW01A)

Initial Displacement: 1.3 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.0833 ft

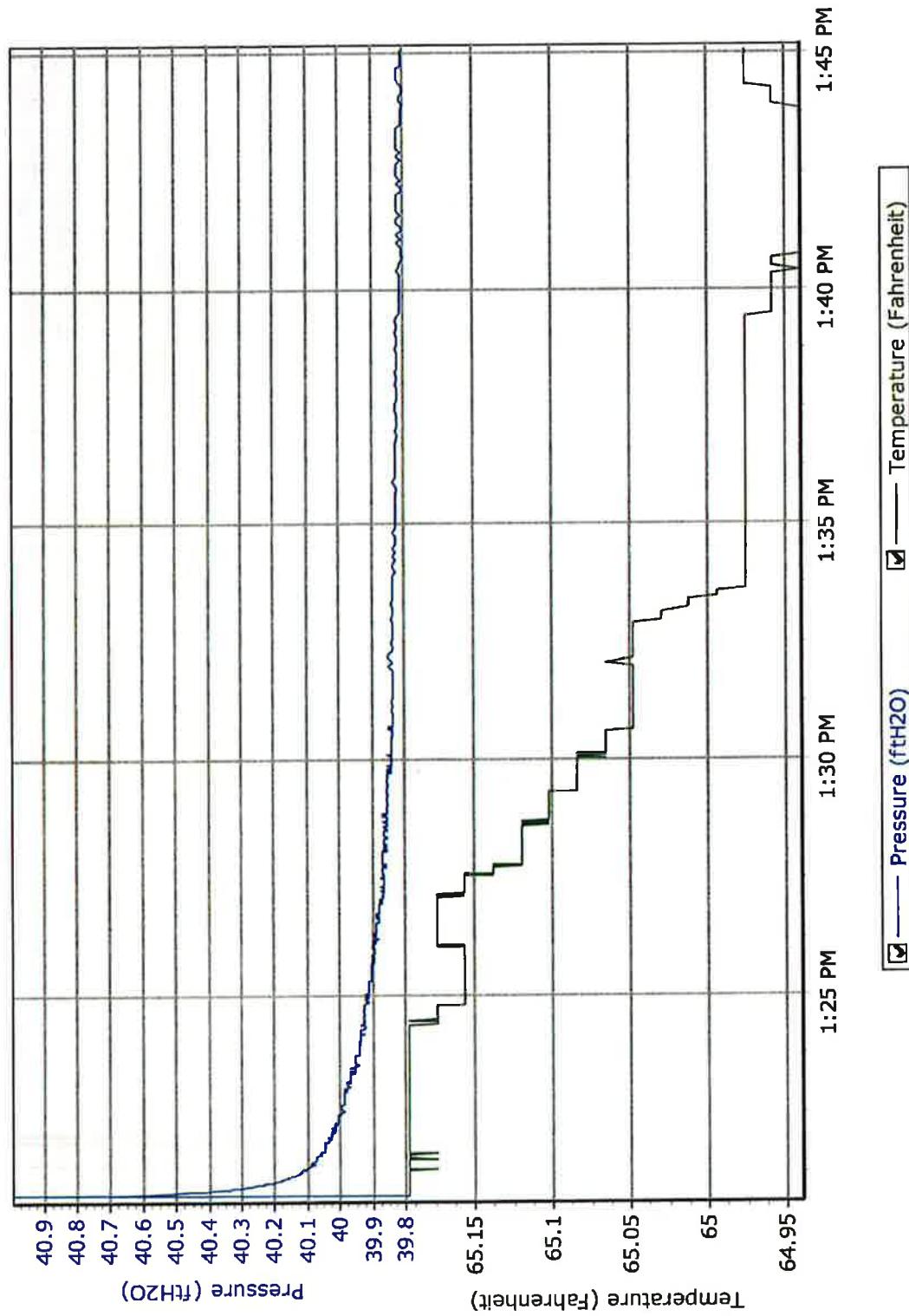
Static Water Column Height: 8. ft
Screen Length: 10. ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

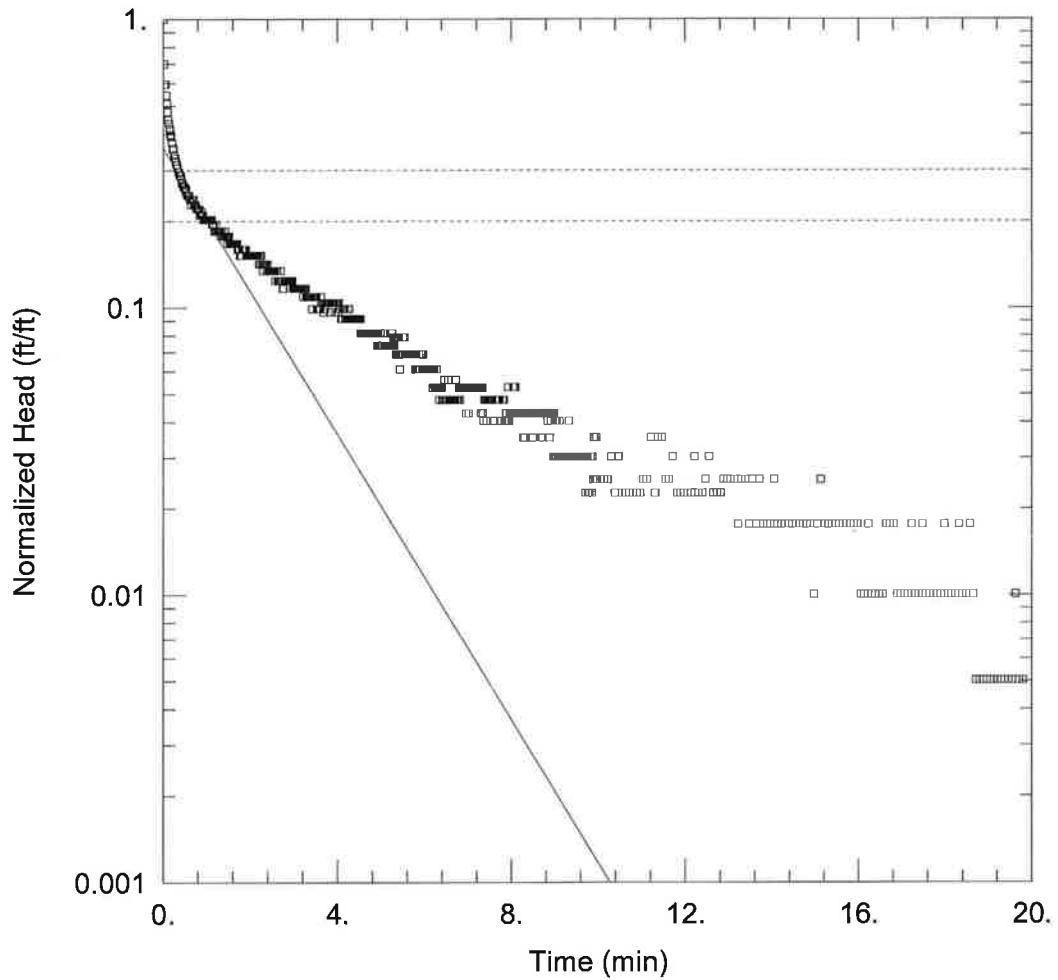
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0006349 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.000183 \text{ ft}^{-1}$

MW1B - D6481 - [2/8/2011 1:20:44 PM - 2/8/2011 1:45:04 PM]





MW-1B (FALLING HEAD)

Data Set: P:\...\MW1B_BR.aqt
Date: 12/27/11

Time: 16:48:20

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-1B
Test Date: February 8, 2011

AQUIFER DATA

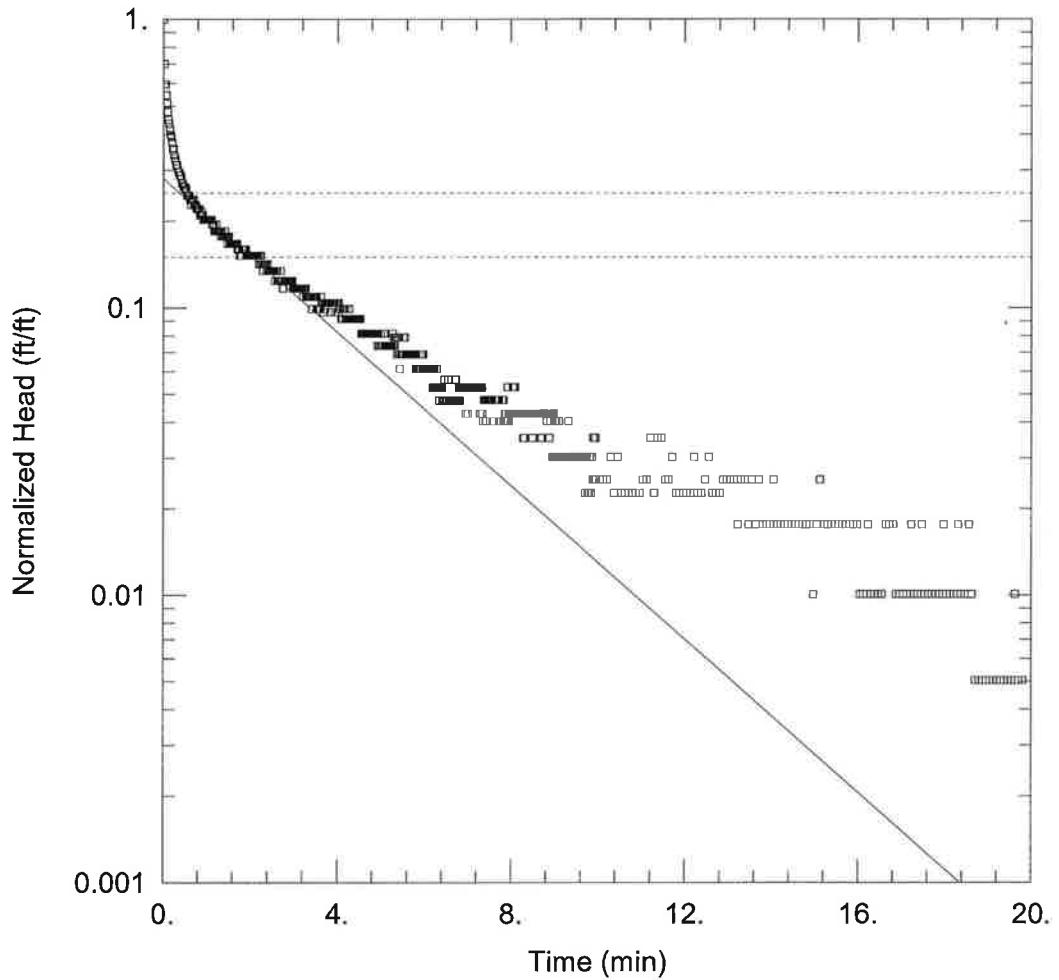
Saturated Thickness: 8. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1B)

Initial Displacement: 1.191 ft	Static Water Column Height: 10. ft
Total Well Penetration Depth: 8. ft	Screen Length: 8. ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.00289 ft/min	y0 = 0.4259 ft



MW-1B (FALLING HEAD)

Data Set: P:\...\MW1B_HVR.aqt
Date: 12/27/11

Time: 16:48:50

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-1B
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 8. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1B)

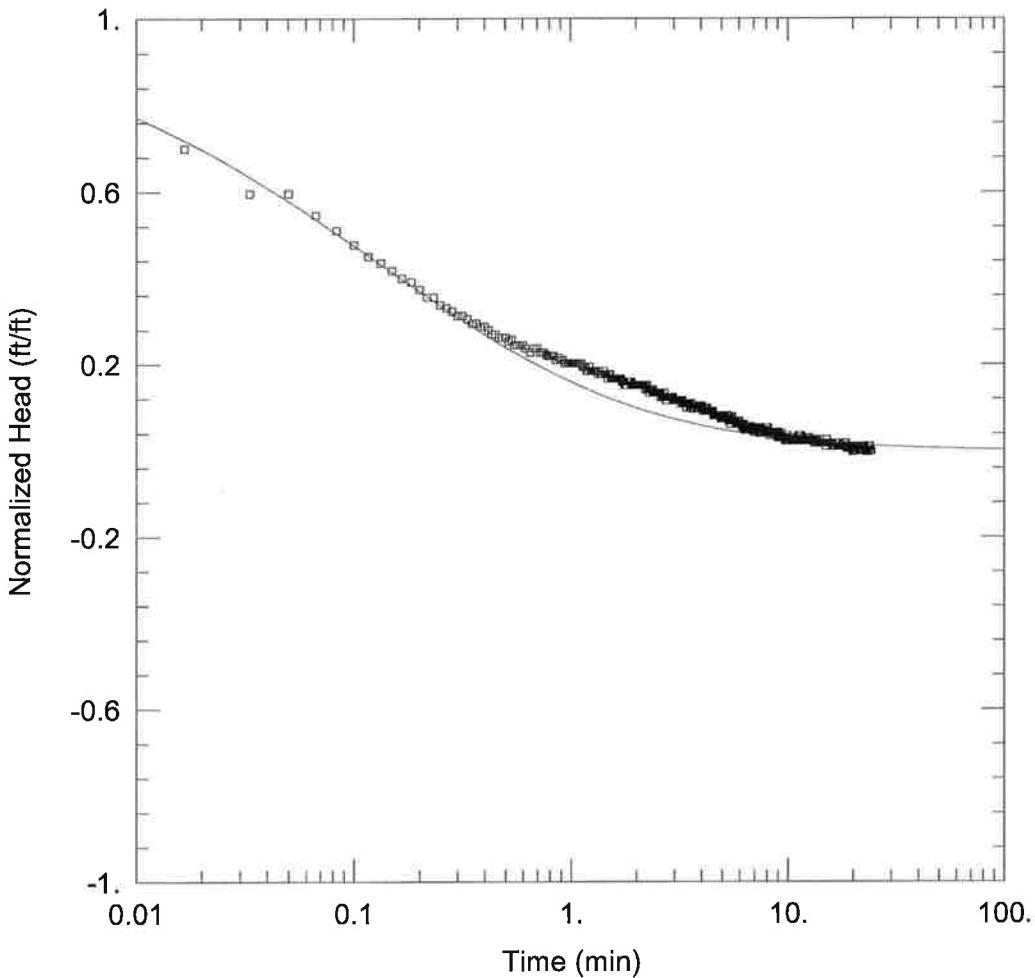
Initial Displacement: 1.191 ft
Total Well Penetration Depth: 8. ft
Casing Radius: 0.0833 ft

Static Water Column Height: 10. ft
Screen Length: 8. ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
K = 0.003399 ft/min

Solution Method: Hvorslev
 $y_0 = 0.3349$ ft



MW-1B (FALLING HEAD)

Data Set: P:\...\MW1B_KGS.aqt
Date: 12/27/11

Time: 16:50:24

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-1B
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 8. ft

WELL DATA (MW-1B)

Initial Displacement: 1.191 ft
Total Well Penetration Depth: 8. ft
Casing Radius: 0.0833 ft

Static Water Column Height: 10. ft
Screen Length: 8. ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

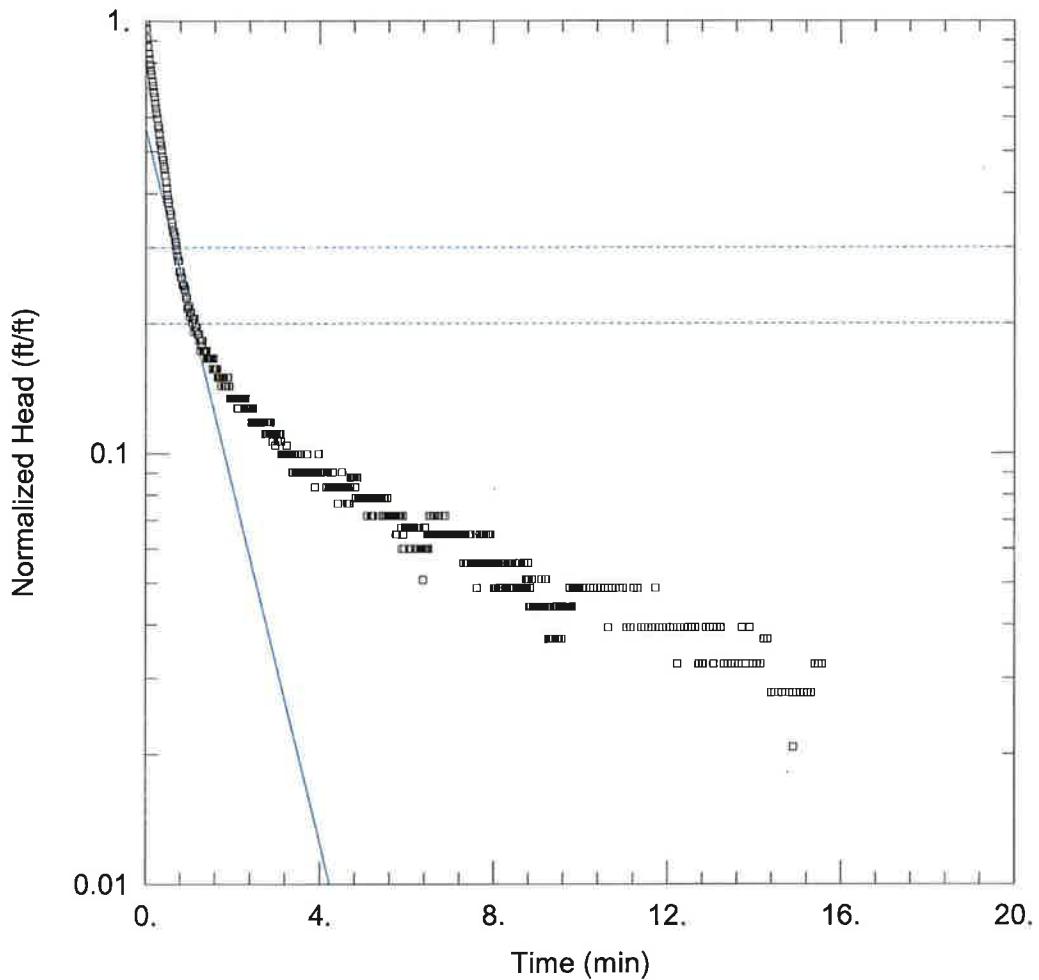
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0004782$ ft/min
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.0125 \text{ ft}^{-1}$

MW1C - D6481 - [2/8/2011 1:47:52 PM - 2/8/2011 2:03:27 PM]





MW-1C (RISING HEAD)

Data Set: P:\...\MW1C_BR.aqt
Date: 12/27/11

Time: 16:52:00

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-1C
Test Date: February 8, 2011

AQUIFER DATA

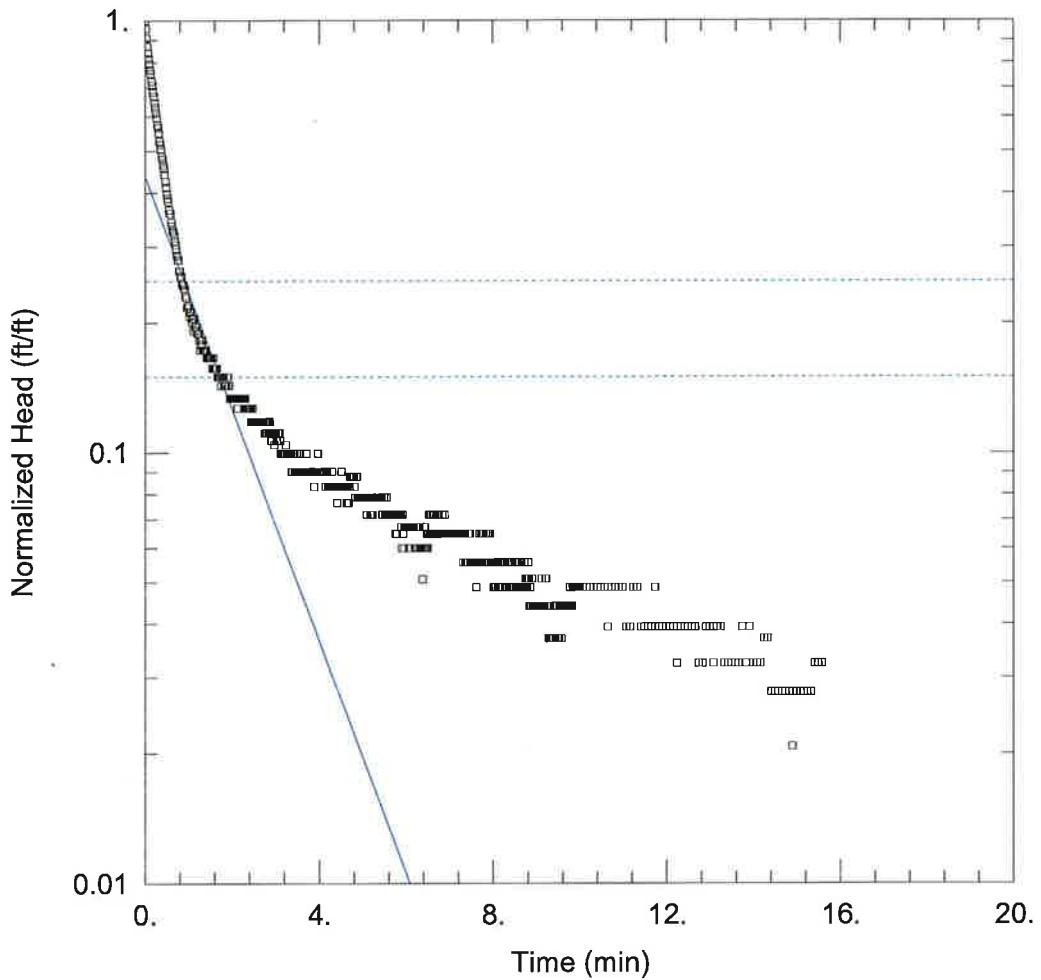
Saturated Thickness: 8. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1C)

Initial Displacement: 1.3 ft	Static Water Column Height: 8. ft
Total Well Penetration Depth: 8. ft	Screen Length: 8. ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.004823 ft/min	y0 = 0.7344 ft



MW-1C (RISING HEAD)

Data Set: P:\...\MW1C_HVR.aqt
Date: 12/27/11

Time: 16:52:44

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-1C
Test Date: February 8, 2011

AQUIFER DATA

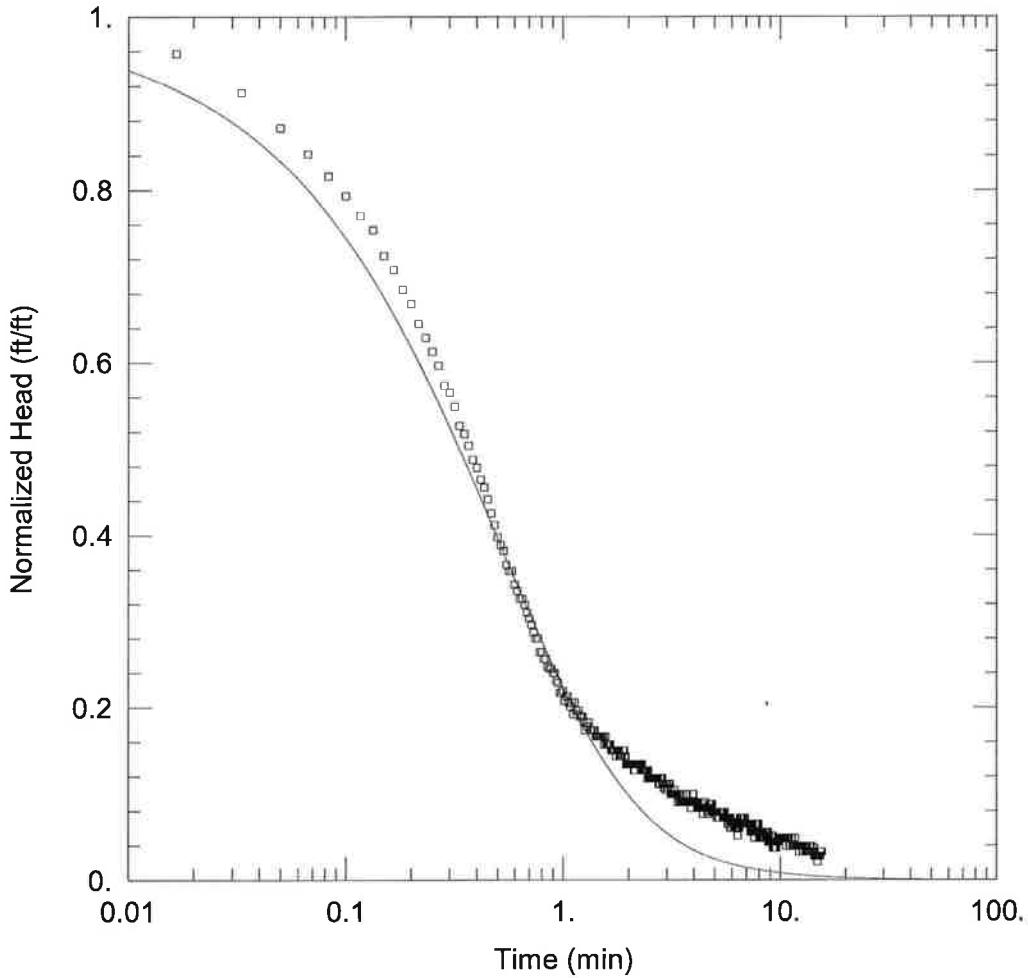
Saturated Thickness: 8. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1C)

Initial Displacement: <u>1.3 ft</u>	Static Water Column Height: <u>8. ft</u>
Total Well Penetration Depth: <u>8. ft</u>	Screen Length: <u>8. ft</u>
Casing Radius: <u>0.0833 ft</u>	Well Radius: <u>0.318 ft</u>
	Gravel Pack Porosity: <u>0.3</u>

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Hvorslev</u>
K = <u>0.006864 ft/min</u>	y0 = <u>0.5671 ft</u>



MW-1C (RISING HEAD)

Data Set: P:\...\MW1C_KGS.aqt
Date: 12/27/11

Time: 16:57:35

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-1C
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 8. ft

WELL DATA (MW-1C)

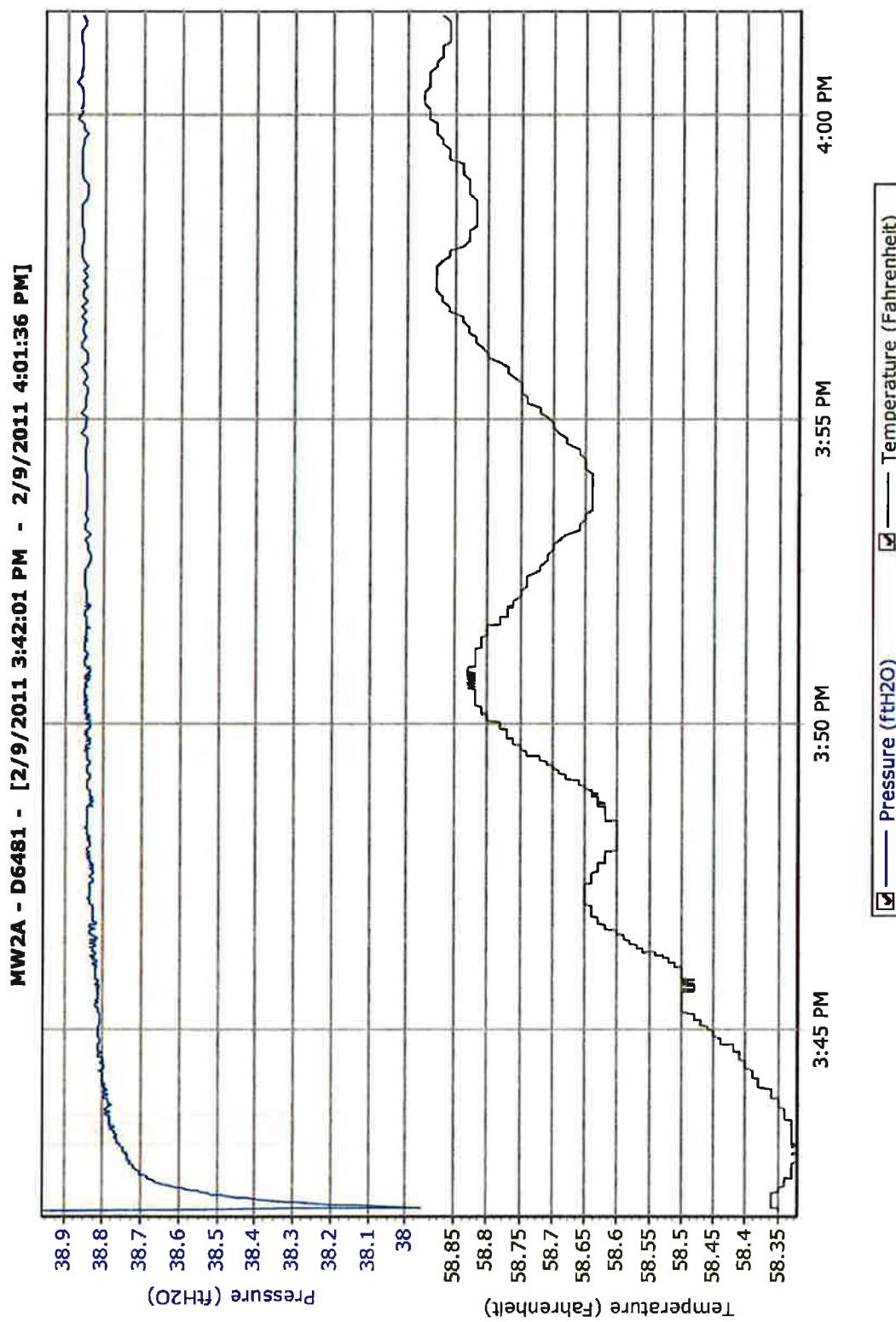
Initial Displacement: 1.3 ft
Total Well Penetration Depth: 8. ft
Casing Radius: 0.0833 ft

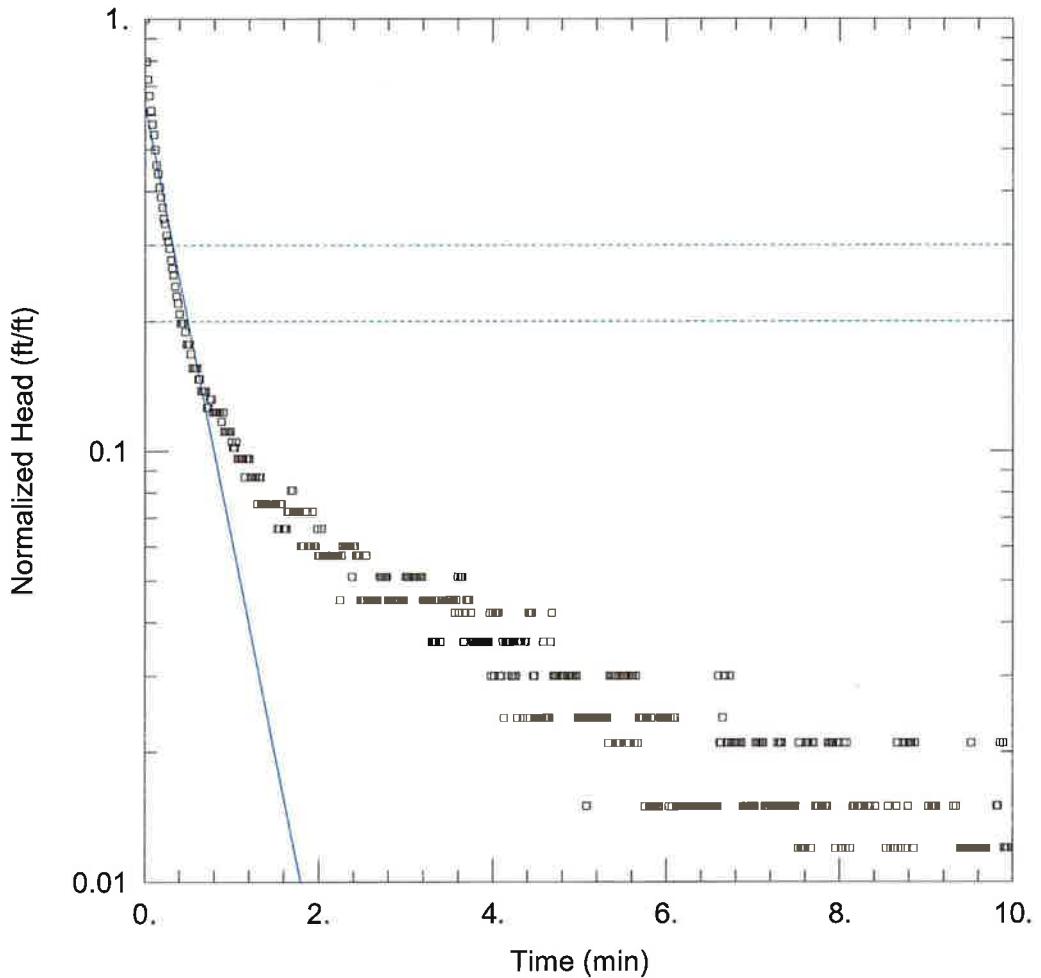
Static Water Column Height: 8. ft
Screen Length: 8. ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.001358 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.000125 \text{ ft}^{-1}$





MW-02 (RISING HEAD)

Data Set: P:\...\MW2A_BR.aqt
Date: 12/27/11

Time: 17:18:17

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2A
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 4.6 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2A)

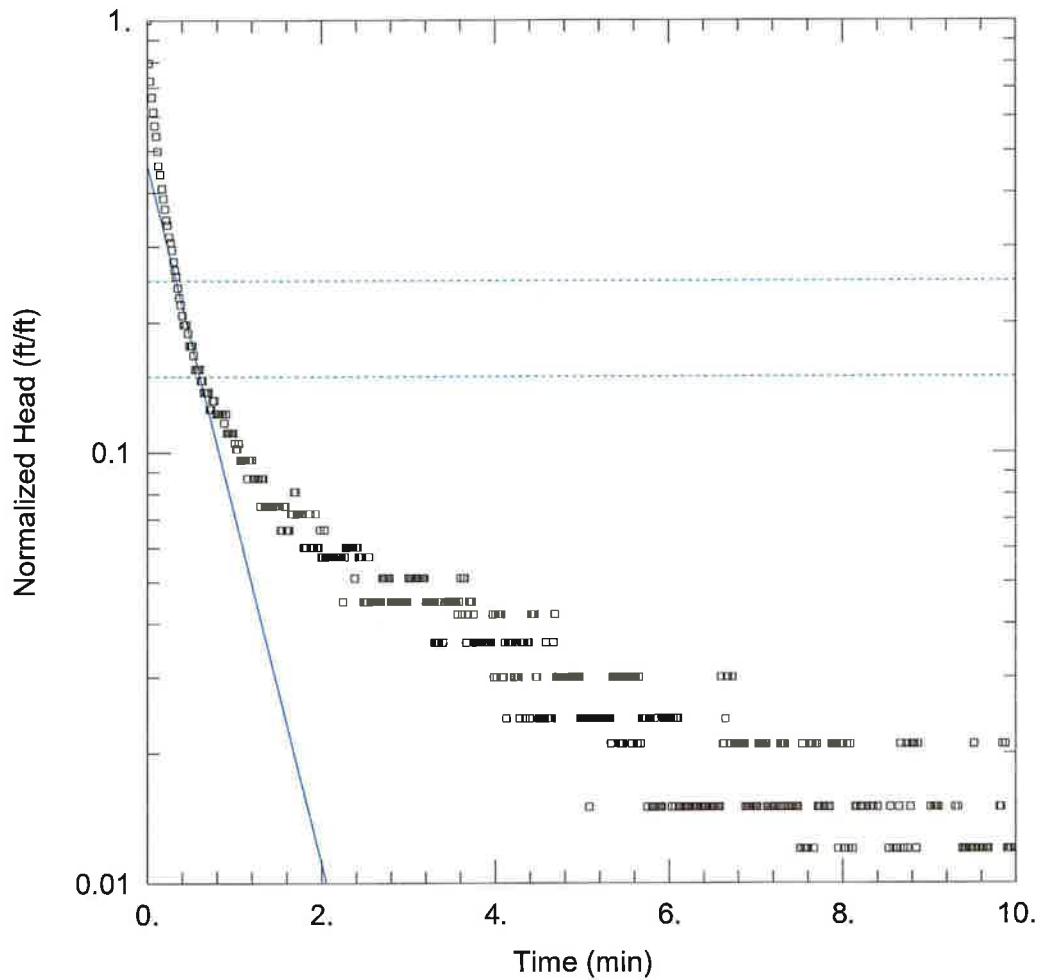
Initial Displacement: 1. ft
Total Well Penetration Depth: 4.6 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 4.6 ft
Screen Length: 4.6 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
K = 0.01636 ft/min

Solution Method: Bouwer-Rice
 $y_0 = 0.6328$ ft



MW-02 (RISING HEAD)

Data Set: P:\...\MW2A_HVR.aqt
Date: 12/27/11

Time: 17:18:46

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2A
Test Date: February 9, 2011

AQUIFER DATA

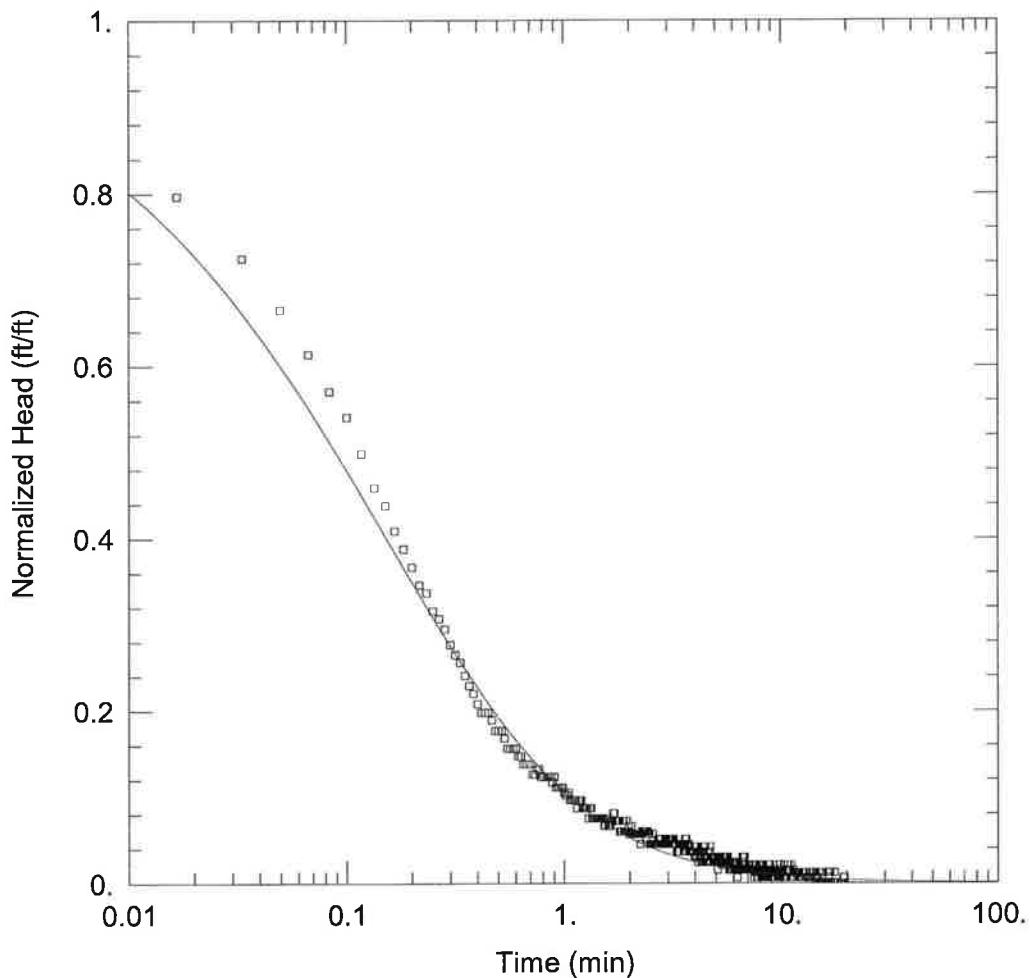
Saturated Thickness: 4.6 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2A)

Initial Displacement: 1. ft	Static Water Column Height: 4.6 ft
Total Well Penetration Depth: 4.6 ft	Screen Length: 4.6 ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.03589 ft/min	y0 = 0.4615 ft



MW-02 (RISING HEAD)

Data Set: P:\...\MW2A_KGS.aqt
Date: 12/27/11

Time: 17:21:06

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2A
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 4.6 ft

WELL DATA (MW2A)

Initial Displacement: 1. ft
Total Well Penetration Depth: 4.6 ft
Casing Radius: 0.0833 ft

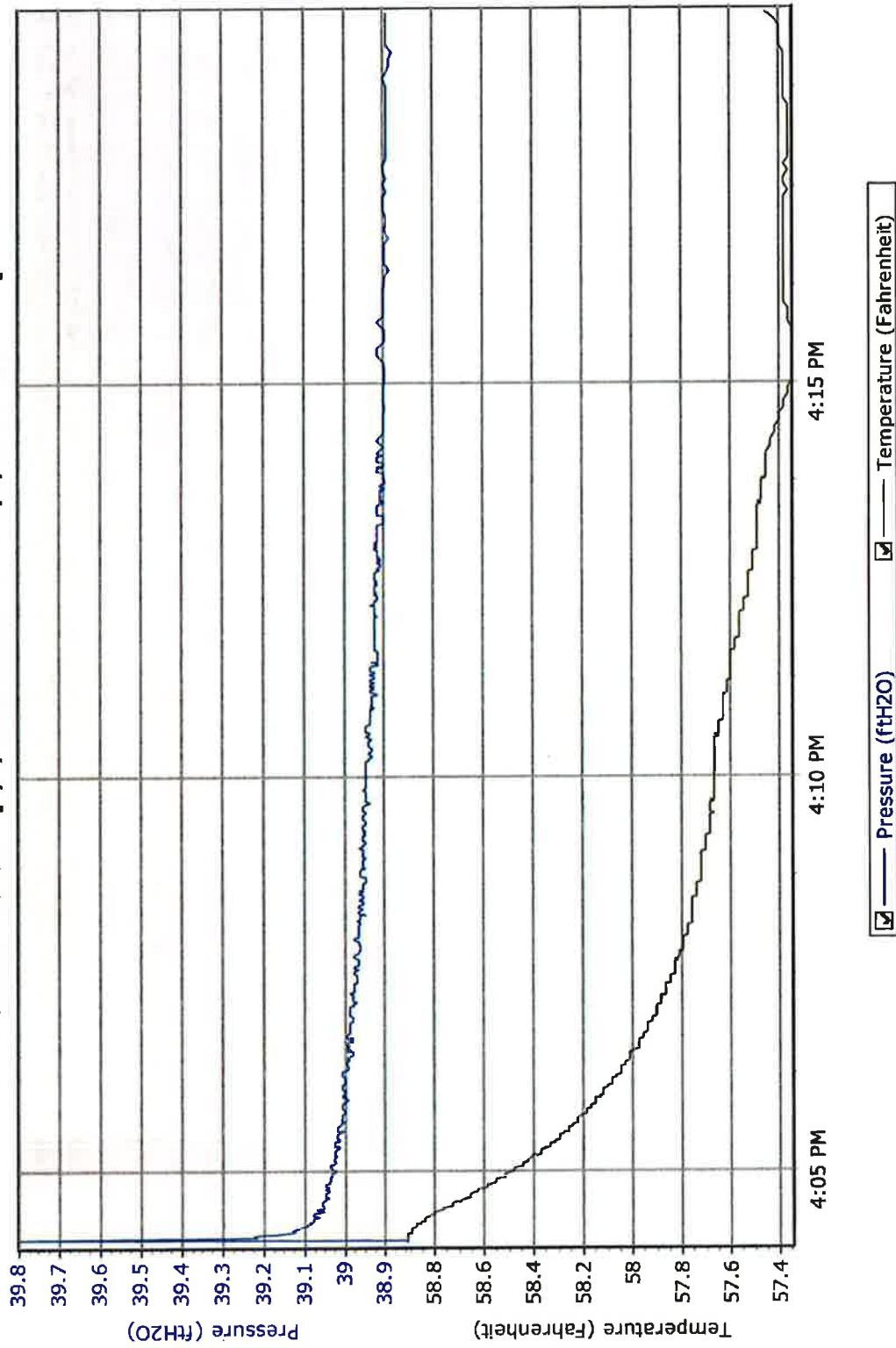
Static Water Column Height: 4.6 ft
Screen Length: 4.6 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

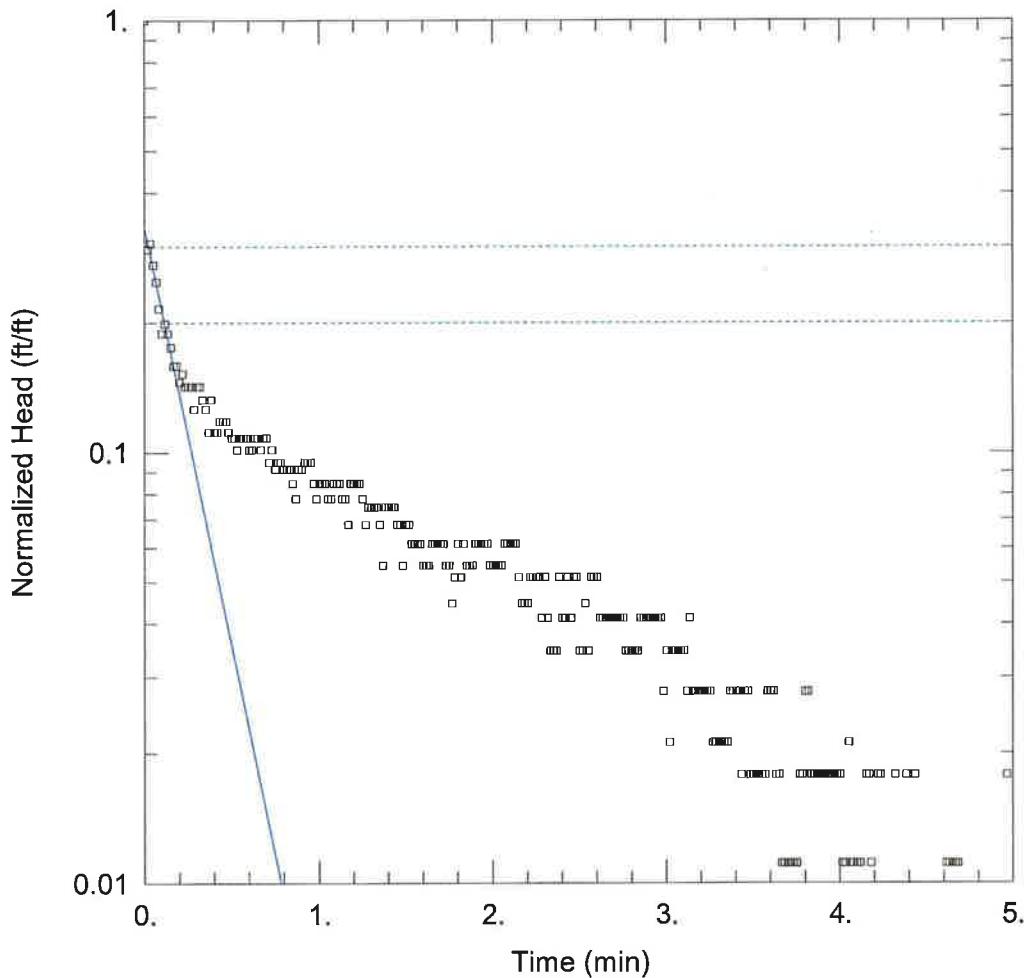
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.002734 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.003955 \text{ ft}^{-1}$

MW2B - D6481 - [2/9/2011 4:04:06 PM - 2/9/2011 4:19:41 PM]





MW-2B (FALLING HEAD)

Data Set: P:\...\MW2B_BR.aqt

Date: 12/27/11

Time: 17:24:17

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW2B

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 4.6 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2B)

Initial Displacement: 0.9 ft

Static Water Column Height: 4.6 ft

Total Well Penetration Depth: 4.6 ft

Screen Length: 4.6 ft

Casing Radius: 0.0833 ft

Well Radius: 0.318 ft

Gravel Pack Porosity: 0.3

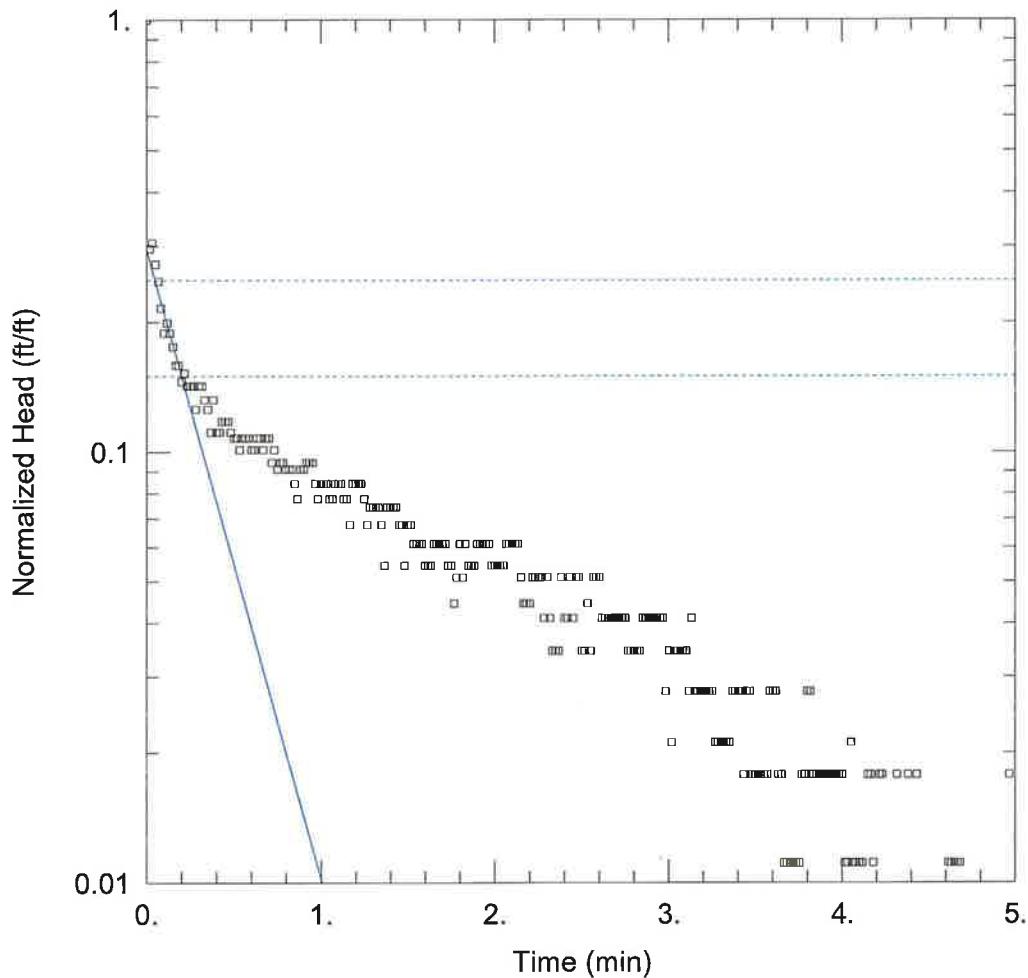
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.03156 ft/min

y0 = 0.3 ft



MW-2B (FALLING HEAD)

Data Set: P:\...\MW2B_HVR.aqt
Date: 12/27/11

Time: 17:24:47

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2B
Test Date: February 9, 2011

AQUIFER DATA

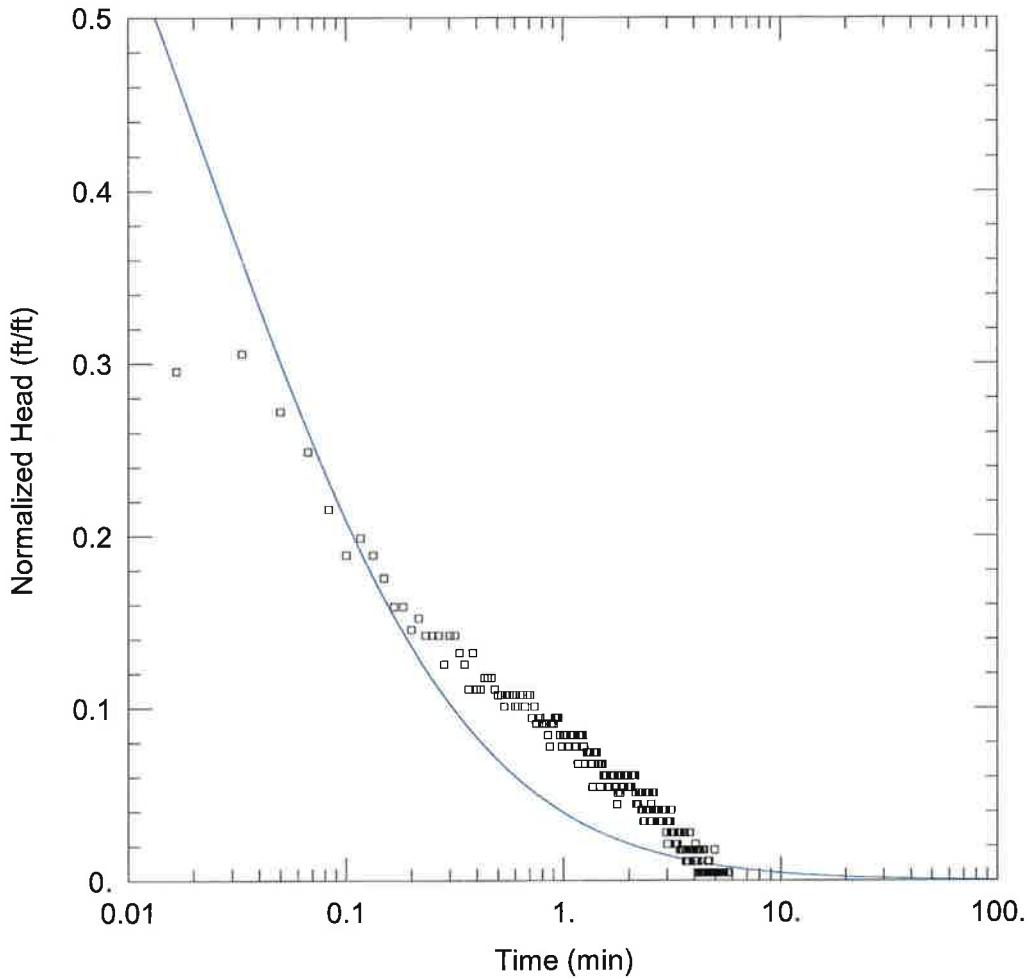
Saturated Thickness: 4.6 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2B)

Initial Displacement: <u>0.9 ft</u>	Static Water Column Height: <u>4.6 ft</u>
Total Well Penetration Depth: <u>4.6 ft</u>	Screen Length: <u>4.6 ft</u>
Casing Radius: <u>0.0833 ft</u>	Well Radius: <u>0.318 ft</u>
	Gravel Pack Porosity: <u>0.3</u>

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Hvorslev</u>
K = <u>0.06473 ft/min</u>	y0 = <u>0.2648 ft</u>



MW-2B (FALLING HEAD)

Data Set: P:\...\MW2B_KGS.aqt
Date: 12/27/11

Time: 17:27:45

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2B
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 4.6 ft

WELL DATA (MW2B)

Initial Displacement: 0.9 ft
Total Well Penetration Depth: 4.6 ft
Casing Radius: 0.0833 ft

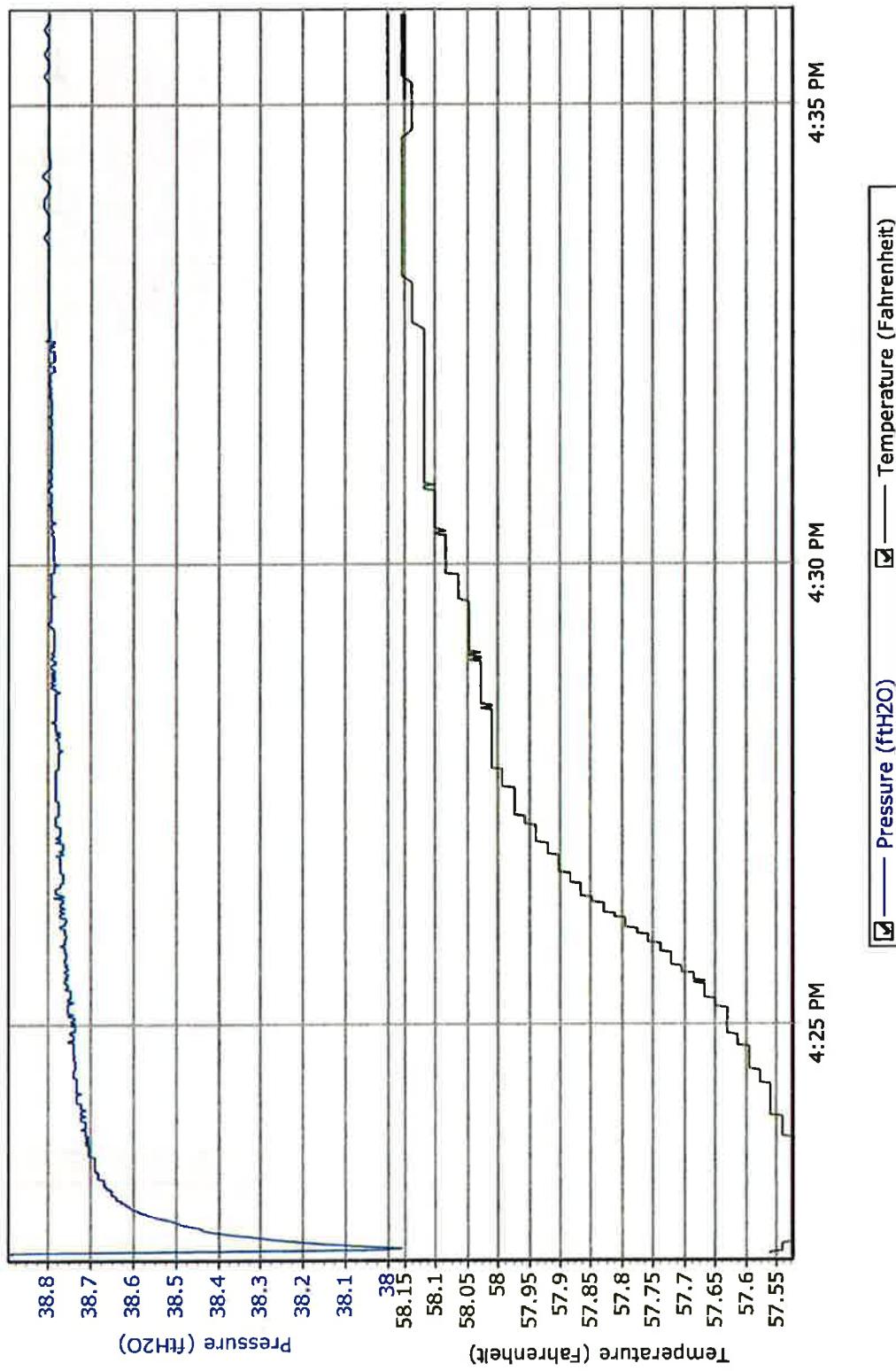
Static Water Column Height: 4.6 ft
Screen Length: 4.6 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

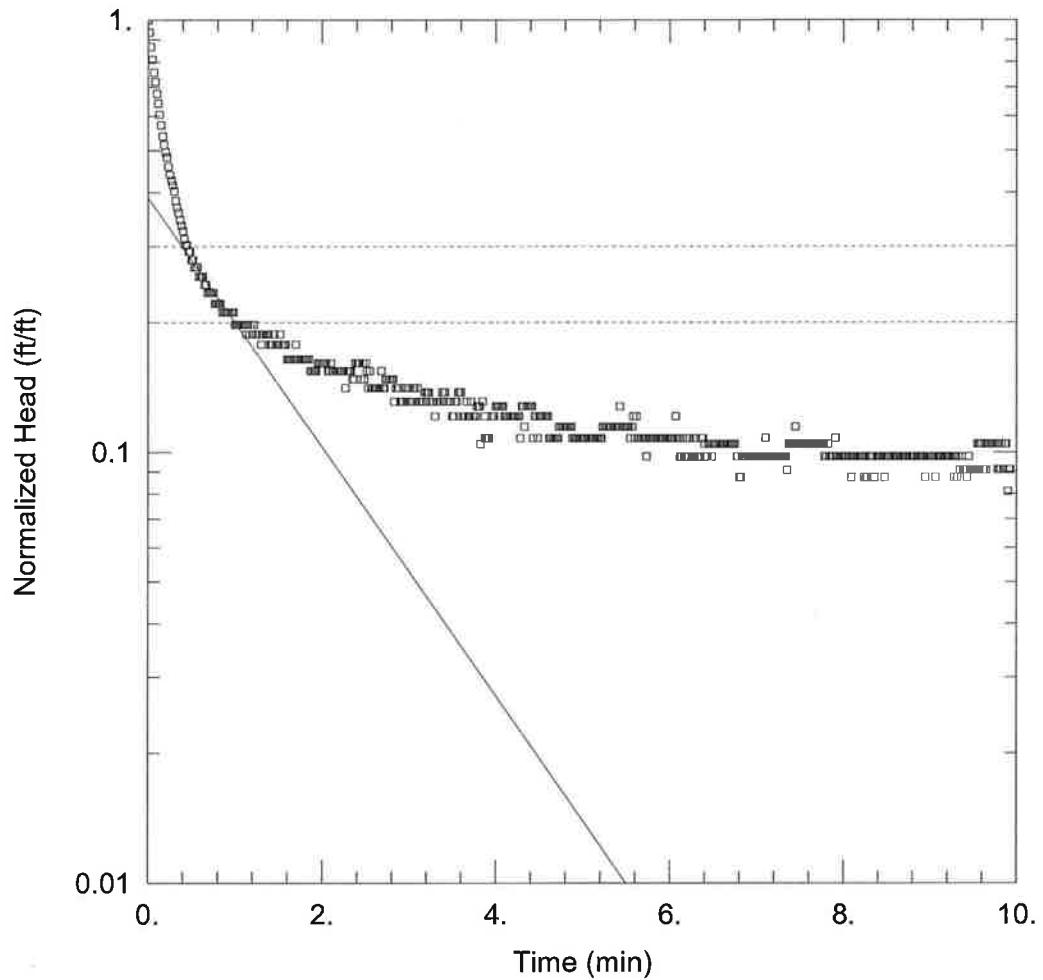
SOLUTION

Aquifer Model: Unconfined
Kr = 0.005323 ft/min
Kz/Kr = 0.1

Solution Method: KGS Model
Ss = 0.02174 ft⁻¹

MW2C - D6481 - [2/9/2011 4:22:29 PM - 2/9/2011 4:35:59 PM]





MW-02 (RISING HEAD)

Data Set: P:\...\MW2C_BR.aqt
 Date: 12/27/11

Time: 17:29:10

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW2C
 Test Date: February 9, 2011

AQUIFER DATA

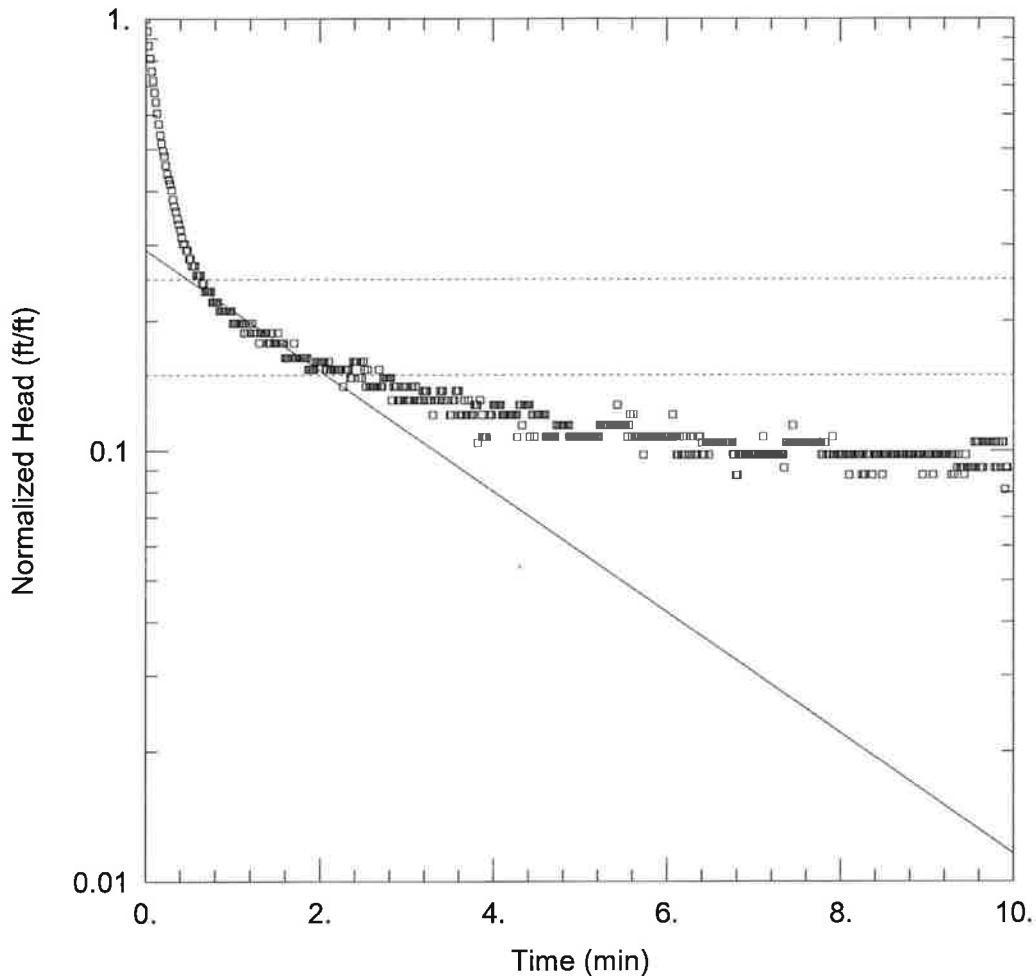
Saturated Thickness: 4.6 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2C)

Initial Displacement: 0.9 ft	Static Water Column Height: 4.6 ft
Total Well Penetration Depth: 4.6 ft	Screen Length: 4.6 ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.004704 ft/min	y0 = 0.3501 ft



MW-02 (RISING HEAD)

Data Set: P:\...\MW2C_HVR.aqt
Date: 12/27/11

Time: 17:29:47

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2C
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 4.6 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2C)

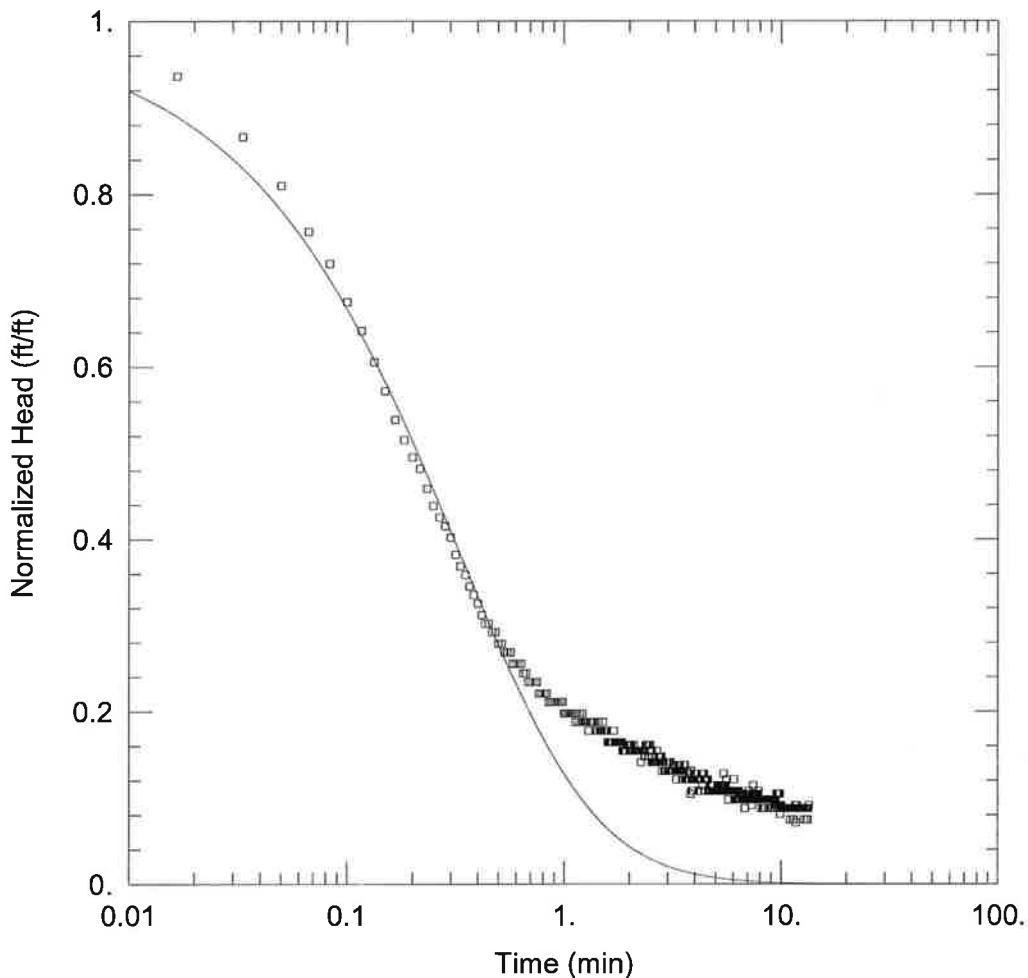
Initial Displacement: 0.9 ft
Total Well Penetration Depth: 4.6 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 4.6 ft
Screen Length: 4.6 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.006207 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 0.2631 \text{ ft}$



MW-02 (RISING HEAD)

Data Set: P:\...\MW2C_KGS.aqt
Date: 12/27/11

Time: 17:31:50

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW2C
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 4.6 ft

WELL DATA (MW2C)

Initial Displacement: 0.9 ft
Total Well Penetration Depth: 4.6 ft
Casing Radius: 0.0833 ft

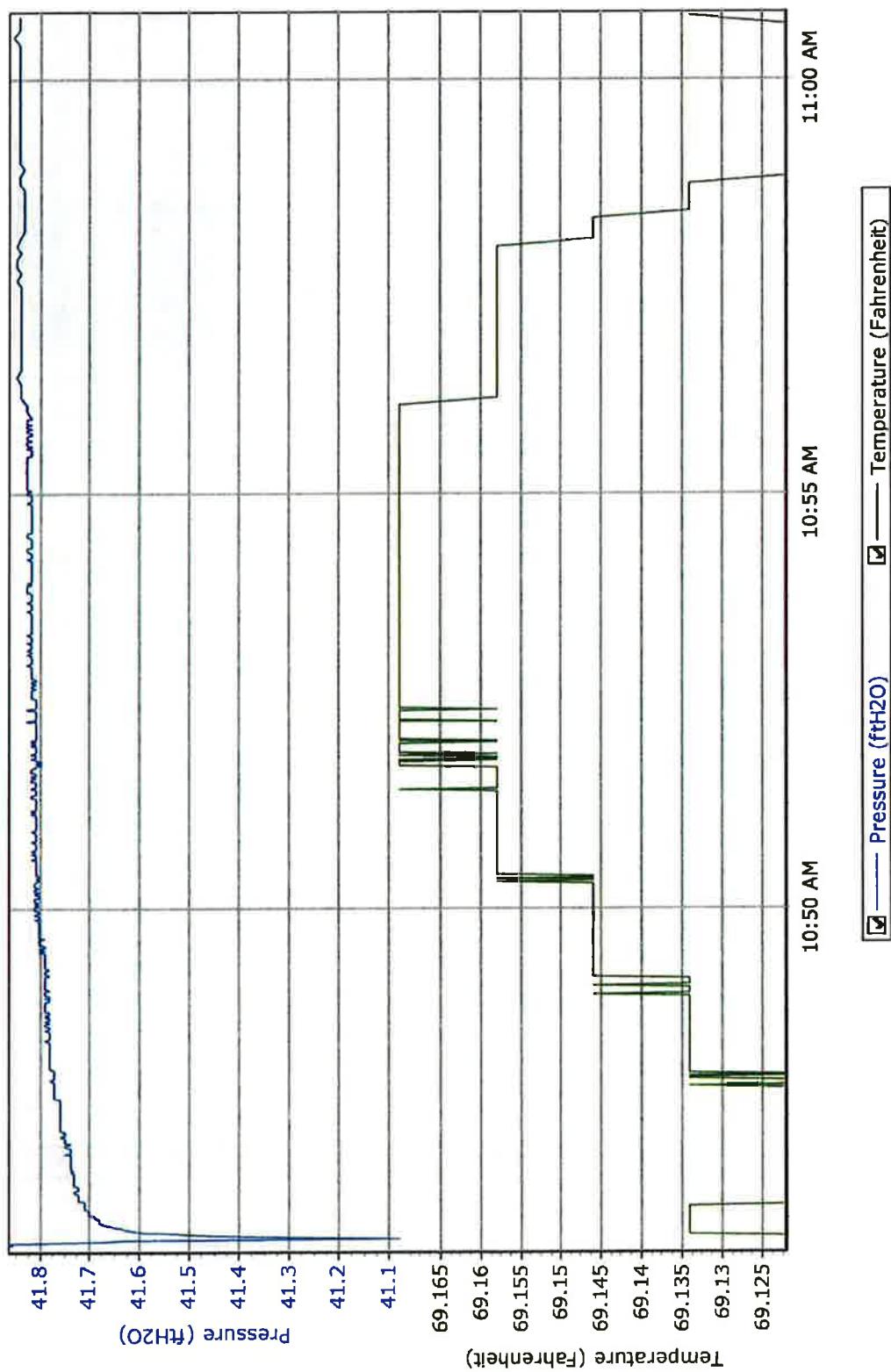
Static Water Column Height: 4.6 ft
Screen Length: 4.6 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

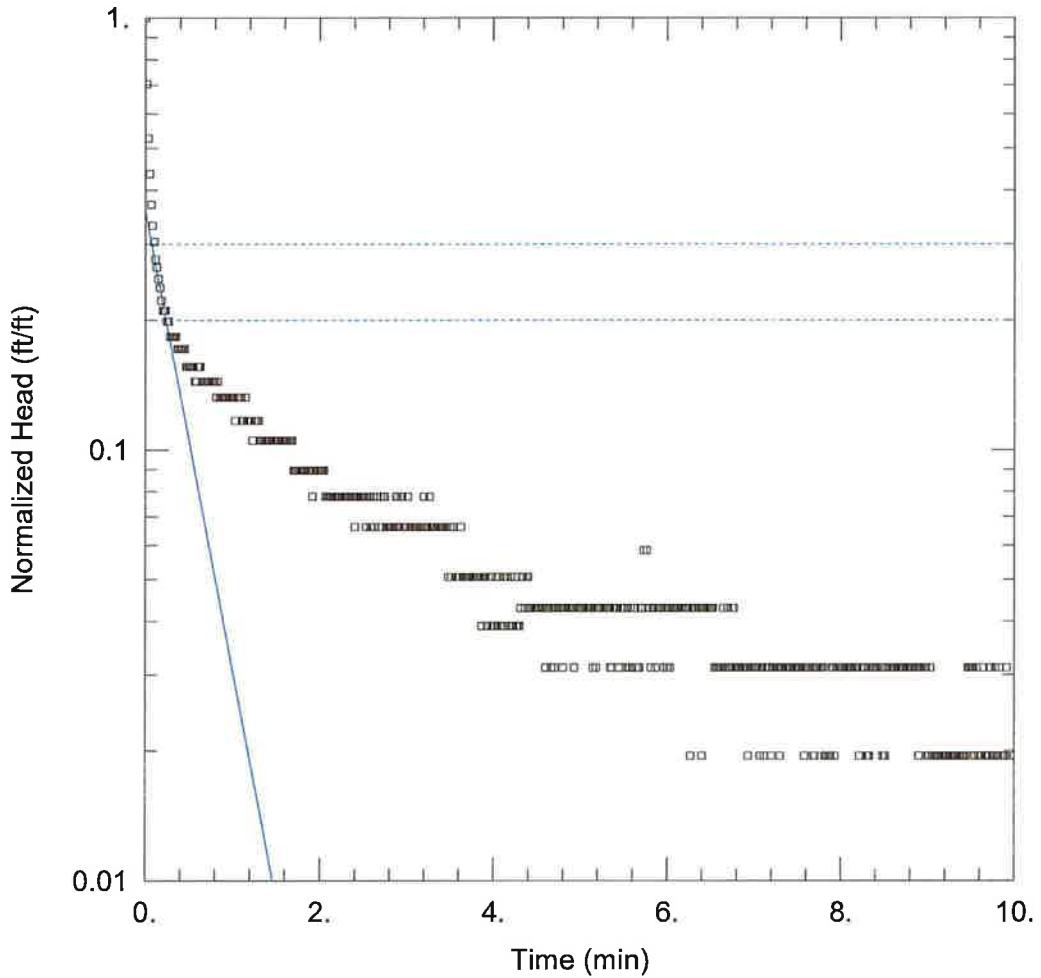
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.003617 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.0002174 \text{ ft}^{-1}$

MW5SA - D6481 - [2/10/2011 10:45:55 AM - 2/10/2011 11:00:45 AM]





MW-05 (RISING HEAD, 1)

Data Set: P:\...\MW5SA_BR.aqt
Date: 12/27/11

Time: 17:40:29

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW5SA
Test Date: February 10, 2011

AQUIFER DATA

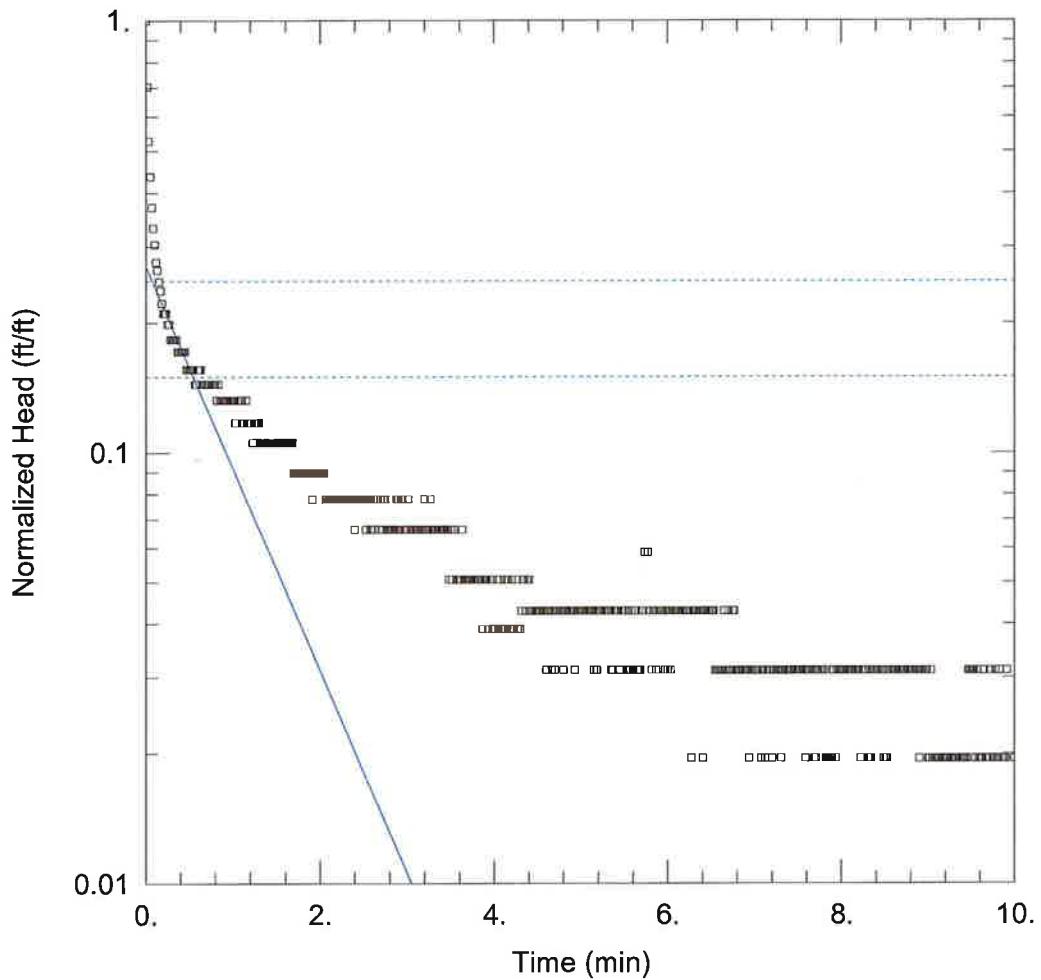
Saturated Thickness: 11.73 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW5SA)

Initial Displacement: 0.77 ft	Static Water Column Height: 11.73 ft
Total Well Penetration Depth: 11.73 ft	Screen Length: 11.73 ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.009548 ft/min	y0 = 0.2752 ft



MW-05 (RISING HEAD, 1)

Data Set: P:\...\MW5SA_HVR.aqt
 Date: 12/27/11

Time: 17:43:05

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW5SA
 Test Date: February 10, 2011

AQUIFER DATA

Saturated Thickness: 11.73 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW5SA)

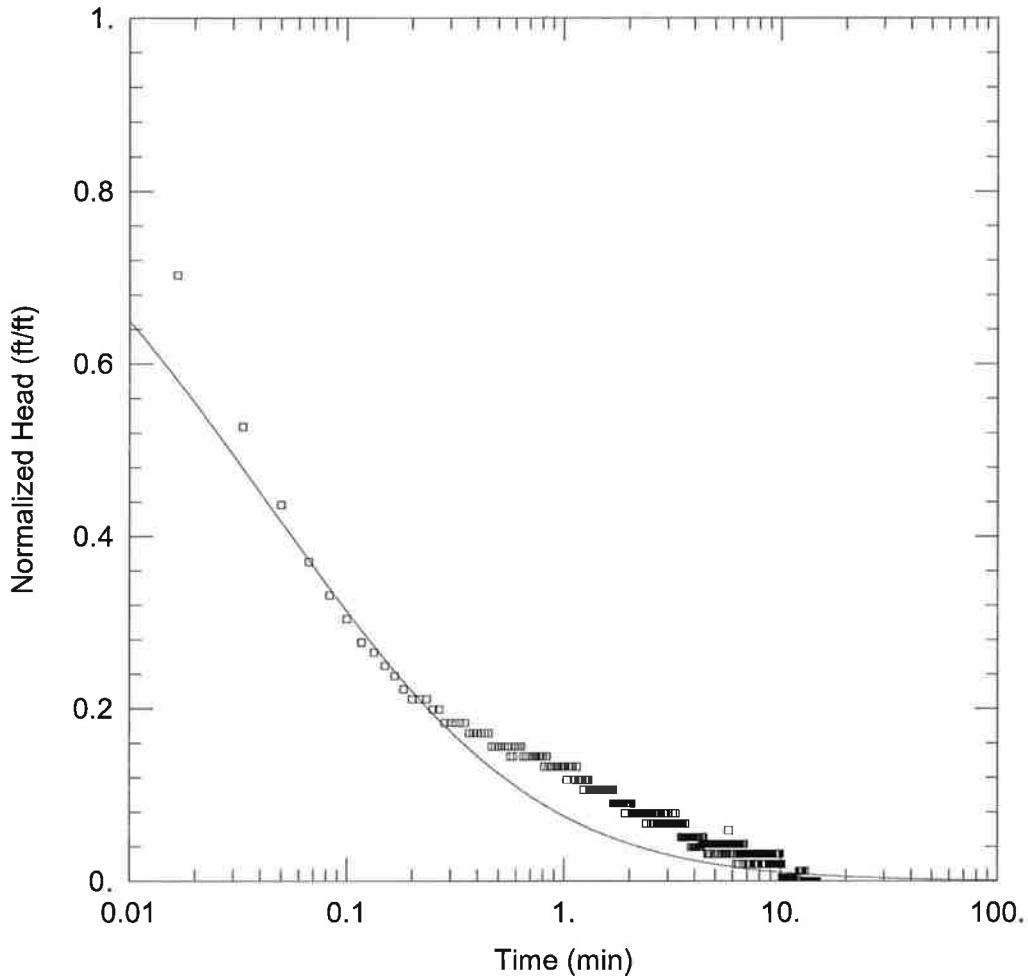
Initial Displacement: 0.77 ft
 Total Well Penetration Depth: 11.73 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 11.73 ft
 Screen Length: 11.73 ft
 Well Radius: 0.318 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.008159 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 0.2084 \text{ ft}$



MW-05 (RISING HEAD, 1)

Data Set: P:\...\MW5SA_KGS.aqt
Date: 12/27/11

Time: 17:45:09

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW5SA
Test Date: February 10, 2011

AQUIFER DATA

Saturated Thickness: 11.73 ft

WELL DATA (MW5SA)

Initial Displacement: 0.77 ft
Total Well Penetration Depth: 11.73 ft
Casing Radius: 0.0833 ft

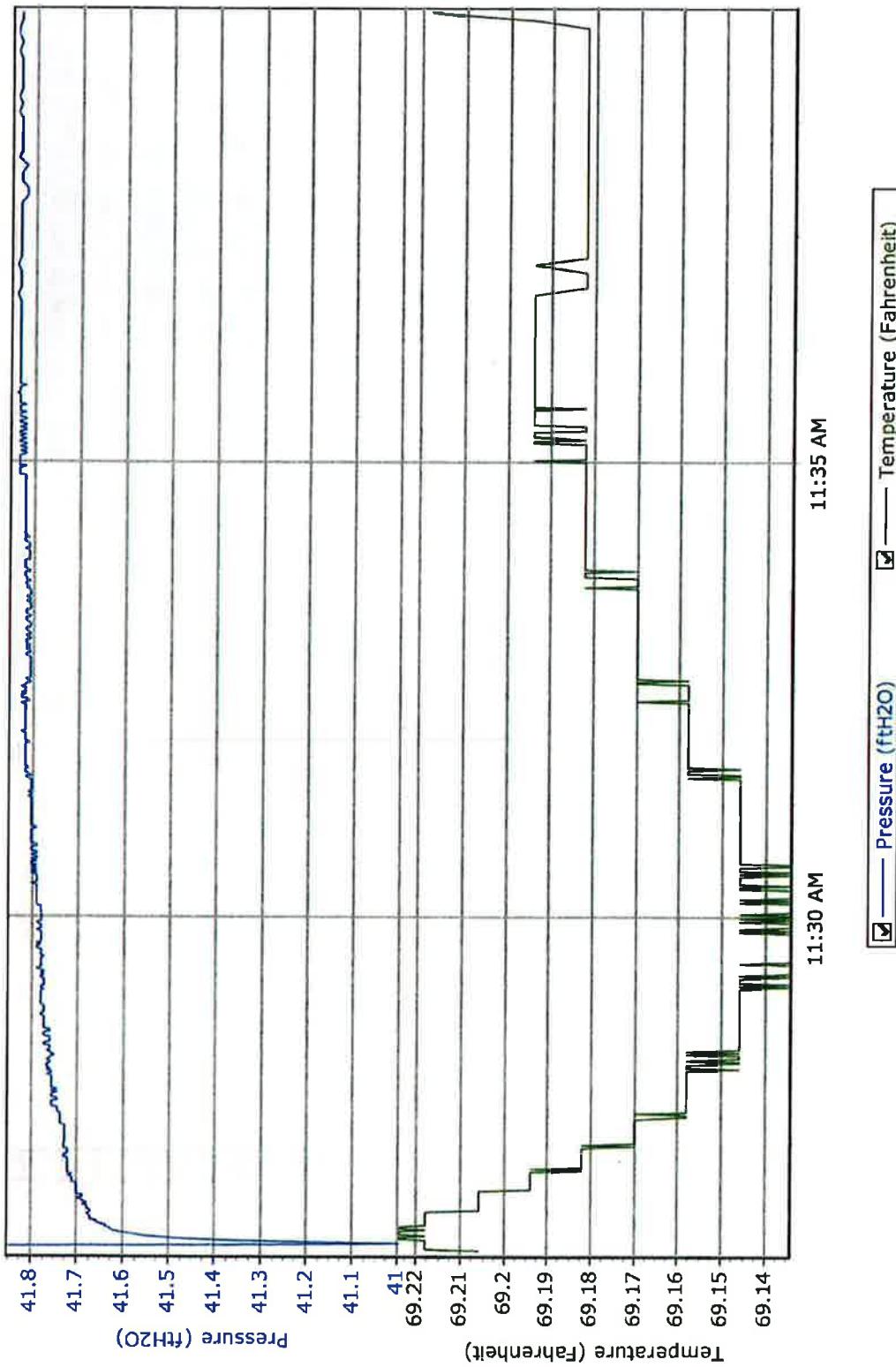
Static Water Column Height: 11.73 ft
Screen Length: 11.73 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

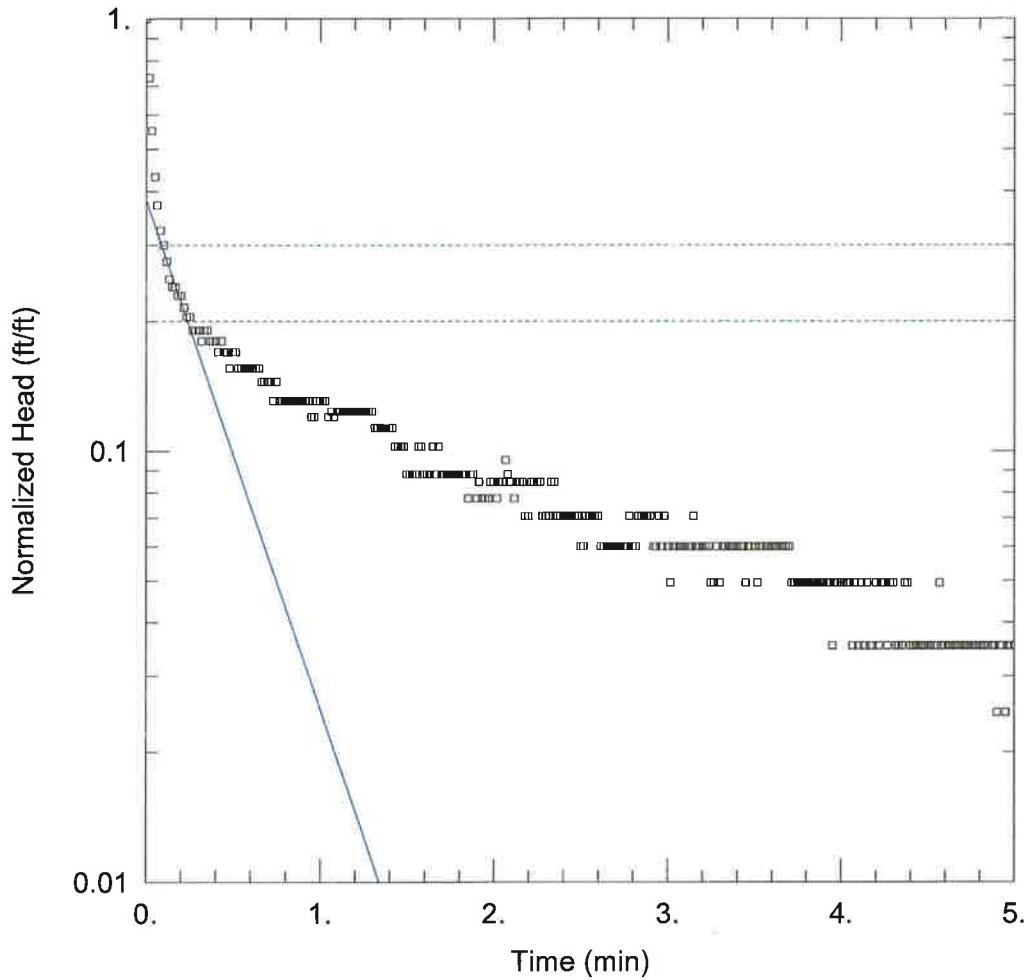
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0009607 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.008525 \text{ ft}^{-1}$

MW5SSCC - D6481 - [2/10/2011 11:26:20 AM - 2/10/2011 11:39:55 AM]





MW-05 (RISING HEAD, 2)

Data Set: P:\...\MW5SC_BR.aqt
 Date: 12/27/11

Time: 17:47:06

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW5SC
 Test Date: February 10, 2011

AQUIFER DATA

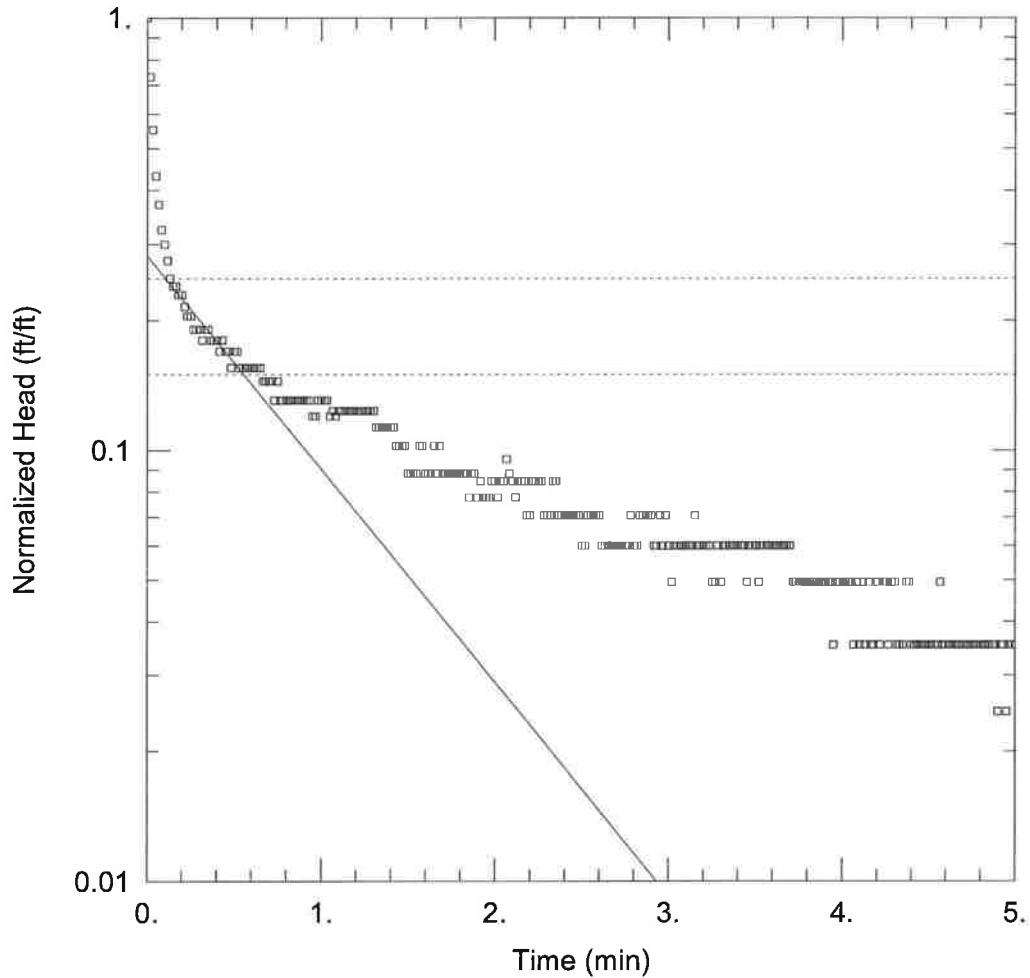
Saturated Thickness: 11.73 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW5SC)

Initial Displacement: 0.85 ft	Static Water Column Height: 11.73 ft
Total Well Penetration Depth: 11.73 ft	Screen Length: 11.73 ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.01063 ft/min	y0 = 0.3241 ft



MW-05 (RISING HEAD, 2)

Data Set: P:\...\MW5SC_HVR.aqt
Date: 12/27/11

Time: 17:47:44

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW5SC
Test Date: February 10, 2011

AQUIFER DATA

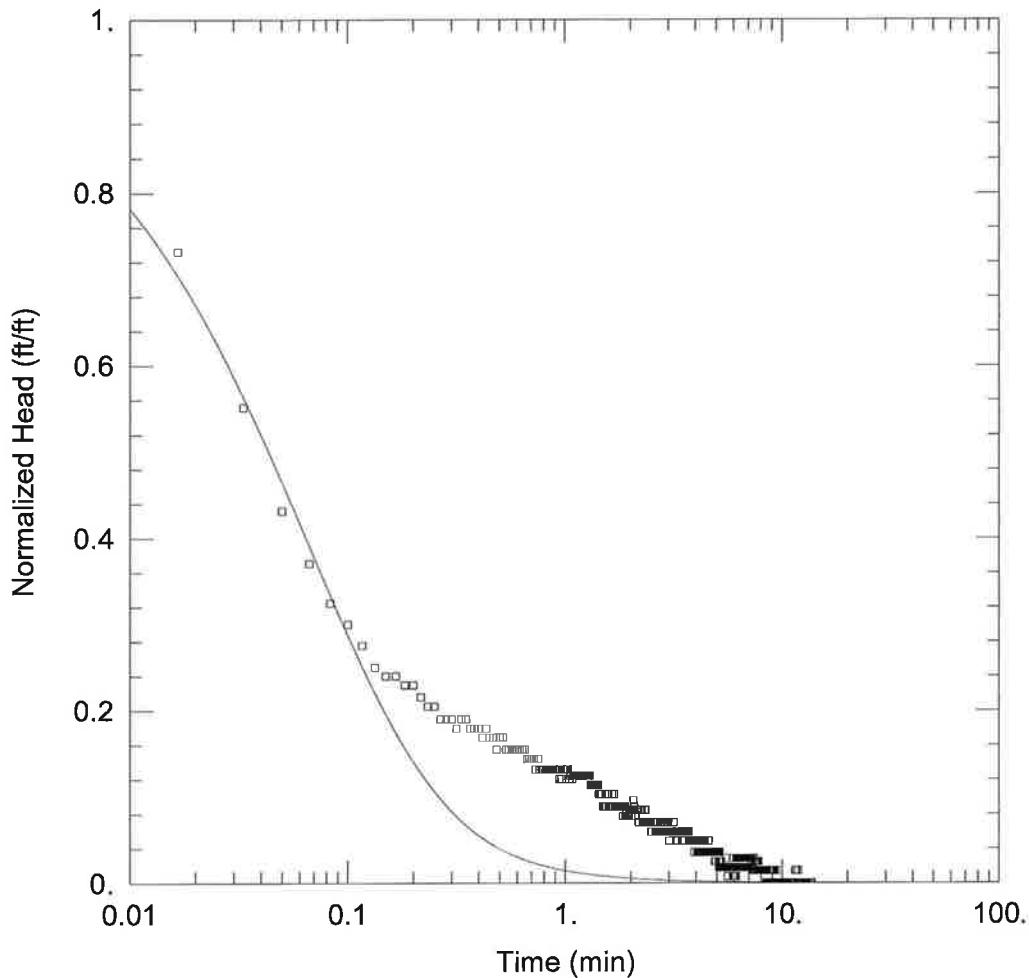
Saturated Thickness: 11.73 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW5SC)

Initial Displacement: 0.85 ft	Static Water Column Height: 11.73 ft
Total Well Penetration Depth: 11.73 ft	Screen Length: 11.73 ft
Casing Radius: 0.0833 ft	Well Radius: 0.318 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.008599 ft/min	y0 = 0.2402 ft



MW-05 (RISING HEAD, 2)

Data Set: P:\...\MW5SC_KGS.aqt
Date: 12/27/11

Time: 17:49:51

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW5SC
Test Date: February 10, 2011

AQUIFER DATA

Saturated Thickness: 11.73 ft

WELL DATA (MW5SC)

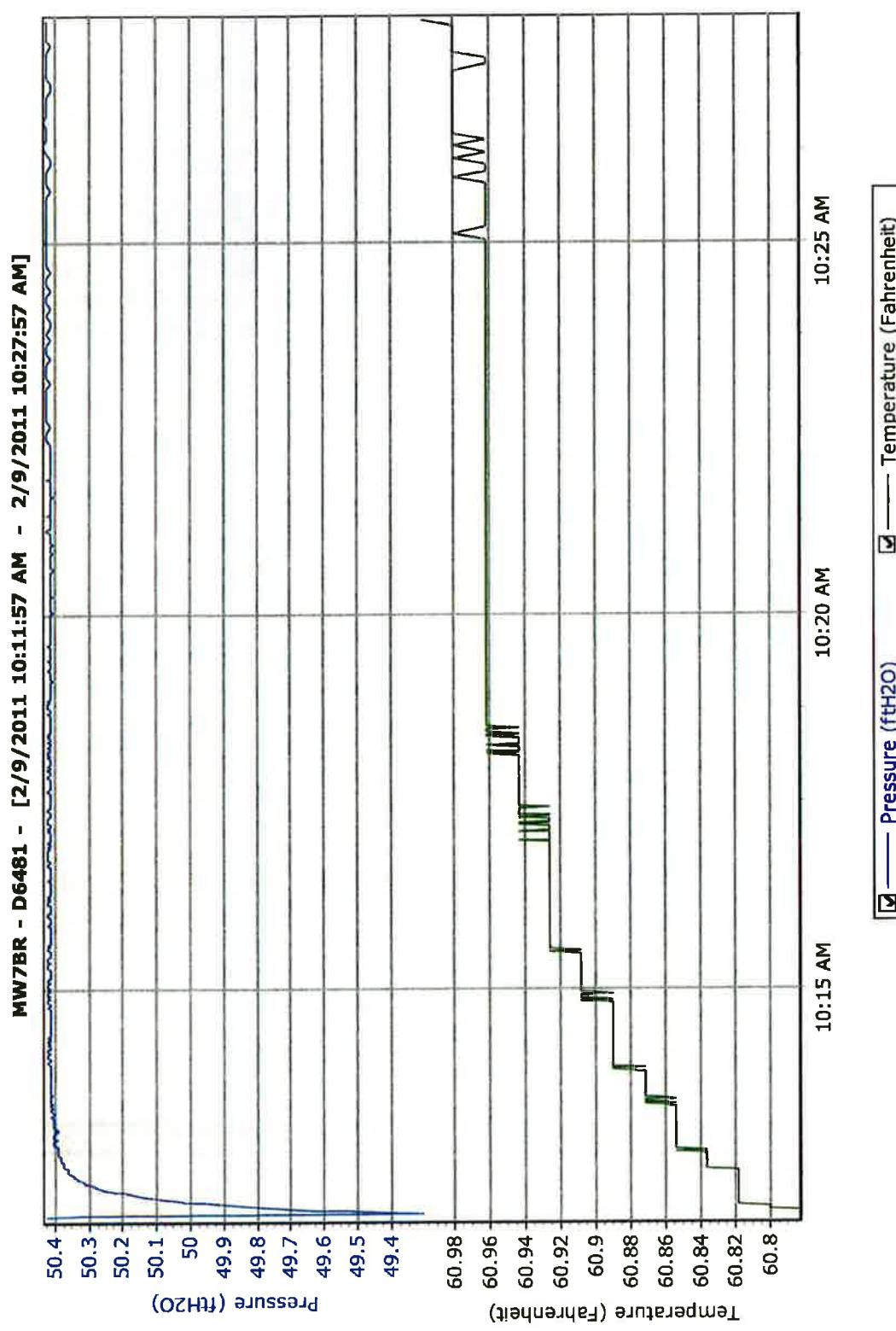
Initial Displacement: 0.85 ft
Total Well Penetration Depth: 11.73 ft
Casing Radius: 0.0833 ft

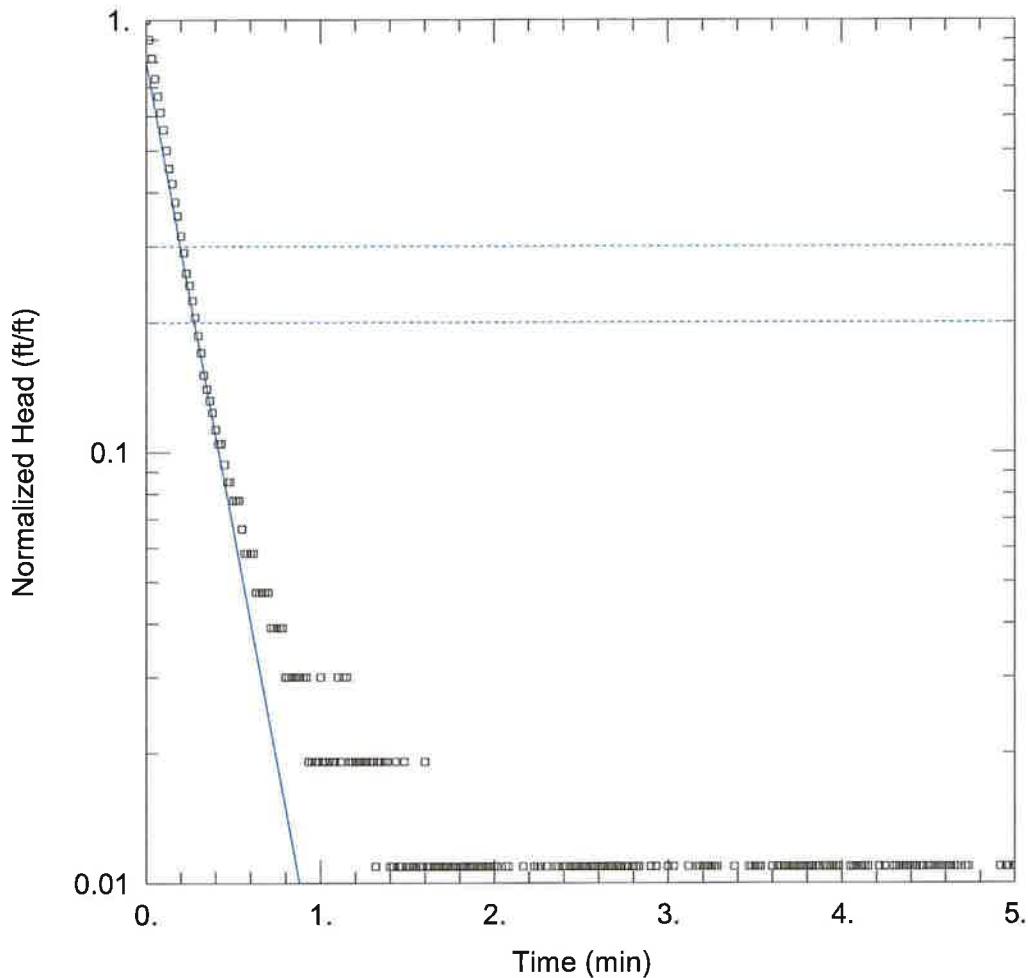
Static Water Column Height: 11.73 ft
Screen Length: 11.73 ft
Well Radius: 0.318 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.007183 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 8.525E-5 \text{ ft}^{-1}$





MW-7SBR (RISING HEAD)

Data Set: P:\...\MW7SBRA.BR.act
Date: 12/27/11

Time: 18:15:49

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW7SBR
Test Date: February 9, 2011

AQUIFER DATA

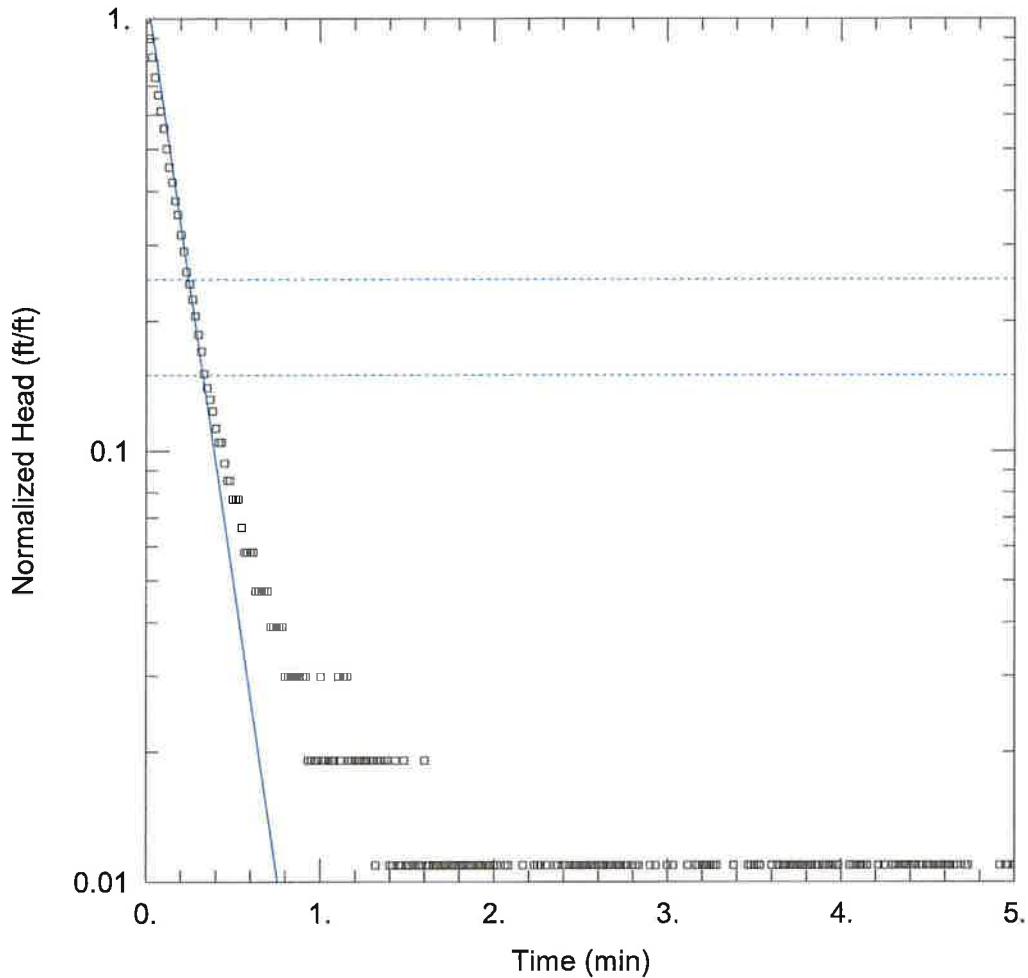
Saturated Thickness: 23.74 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW7SBRA)

Initial Displacement: 1.1 ft	Static Water Column Height: 23.74 ft
Total Well Penetration Depth: 23.74 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.01324 ft/min	y0 = 0.8797 ft



MW-7SBR (RISING HEAD)

Data Set: P:\...\MW7SBRA_HVR.aqt
Date: 12/27/11

Time: 18:10:28

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW7BR
Test Date: February 9, 2011

AQUIFER DATA

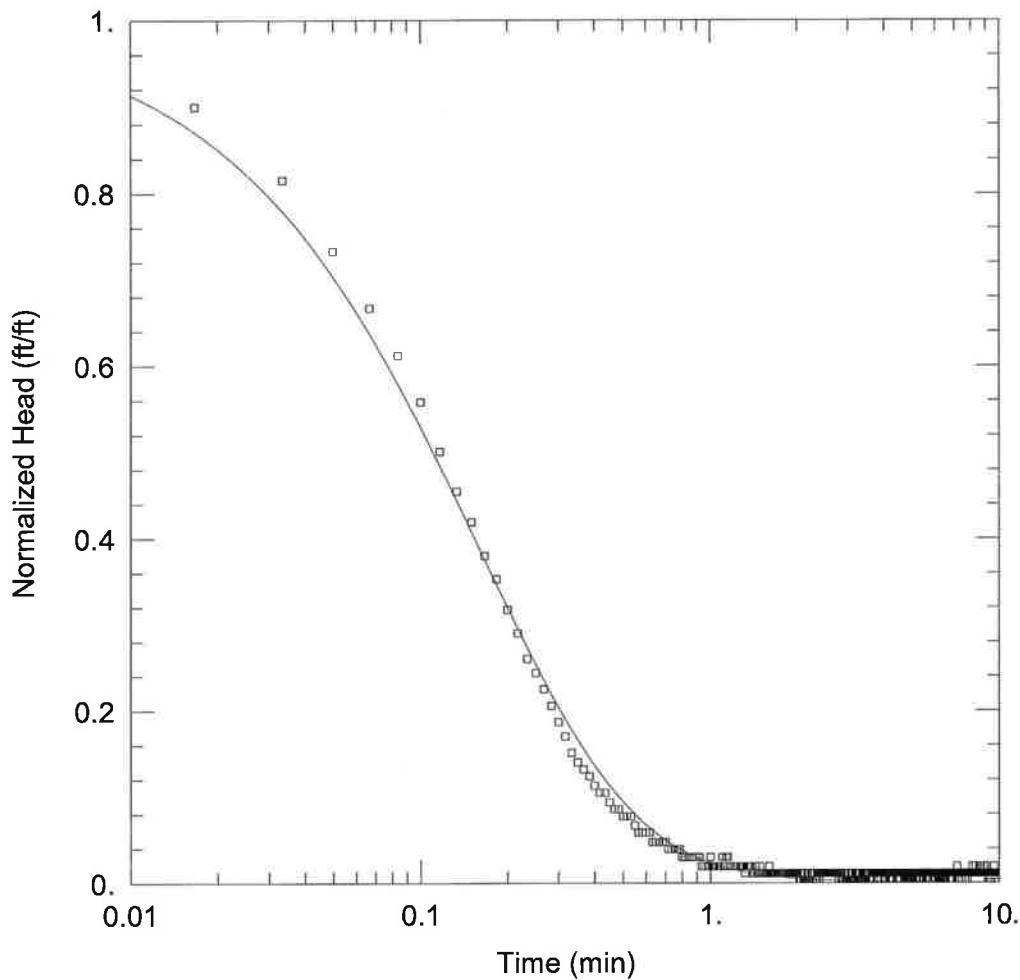
Saturated Thickness: 23.74 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW7SBRA)

Initial Displacement: 1.1 ft	Static Water Column Height: 23.74 ft
Total Well Penetration Depth: 23.74 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.02141 ft/min	y0 = 1.28 ft



MW-7SBR (RISING HEAD)

Data Set: P:\...\MW7SBRA_KGS.aqt

Date: 12/27/11

Time: 18:11:45

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW7BR

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 23.74 ft

WELL DATA (MW7SBRA)

Initial Displacement: 1.1 ft

Total Well Penetration Depth: 23.74 ft

Casing Radius: 0.0833 ft

Static Water Column Height: 23.74 ft

Screen Length: 10. ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

SOLUTION

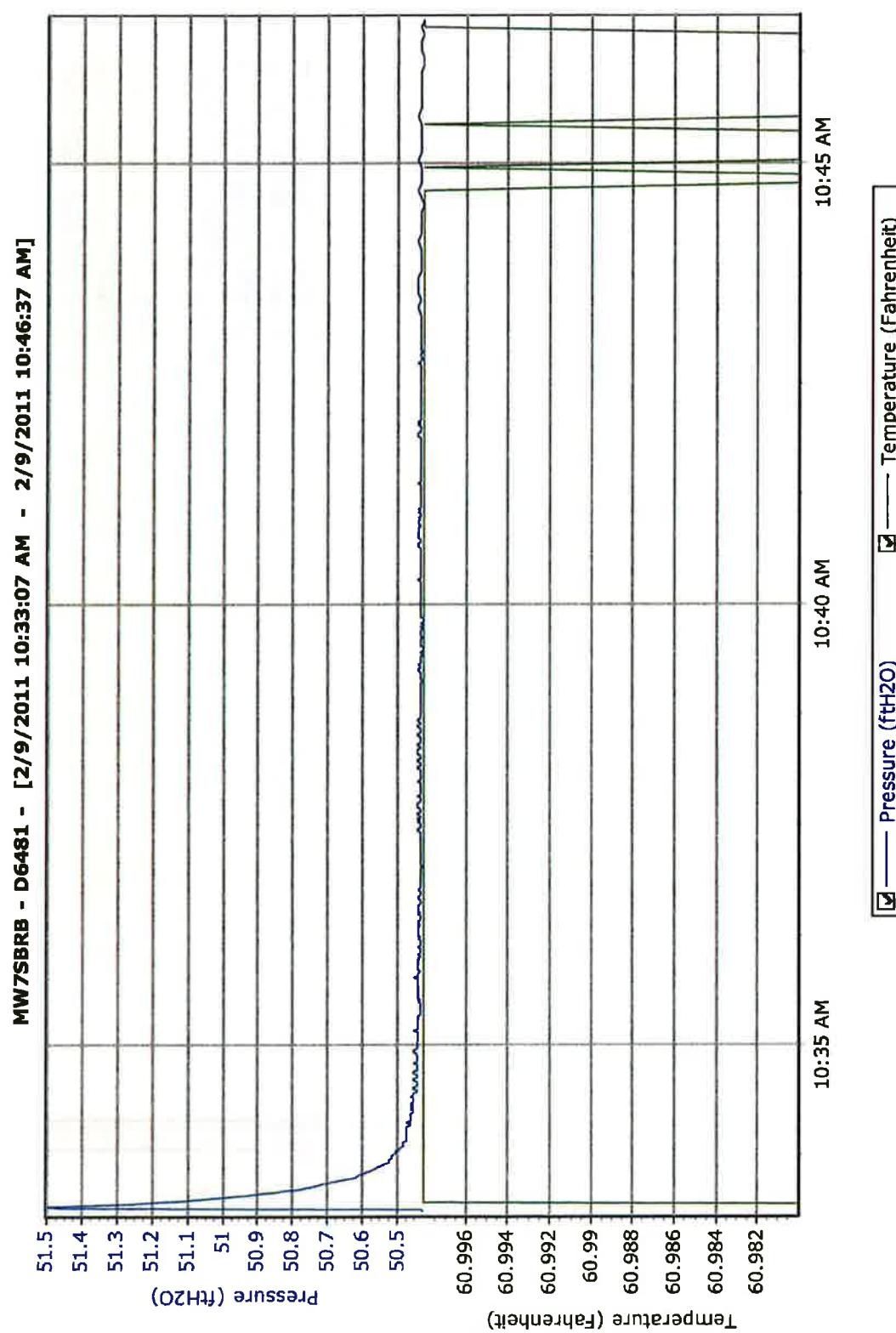
Aquifer Model: Unconfined

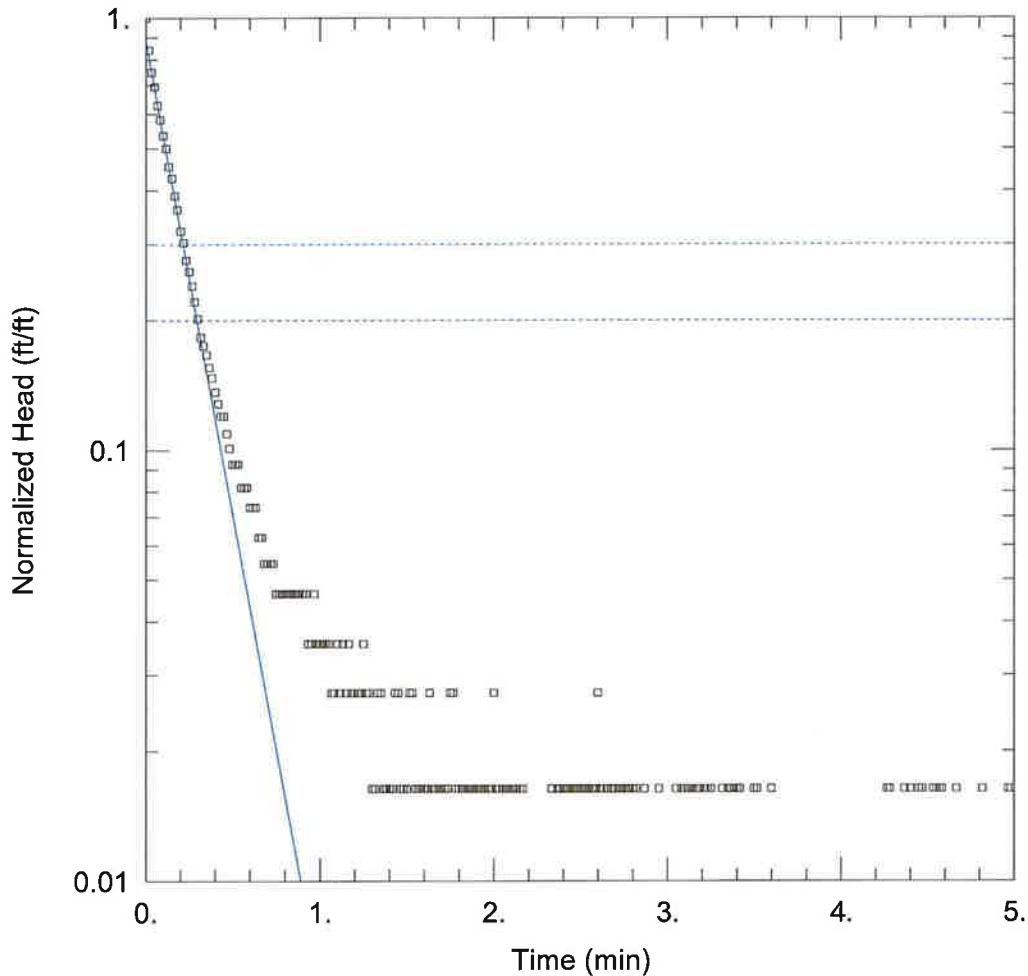
Kr = 0.006601 ft/min

Kz/Kr = 0.1

Solution Method: KGS Model

Ss = 8.008E-6 ft⁻¹





MW-7SBR (FALLING HEAD)

Data Set: P:\...\MW7SBRB_BR.aqt
Date: 12/27/11

Time: 18:02:05

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW7SBRB
Test Date: February 9, 2011

AQUIFER DATA

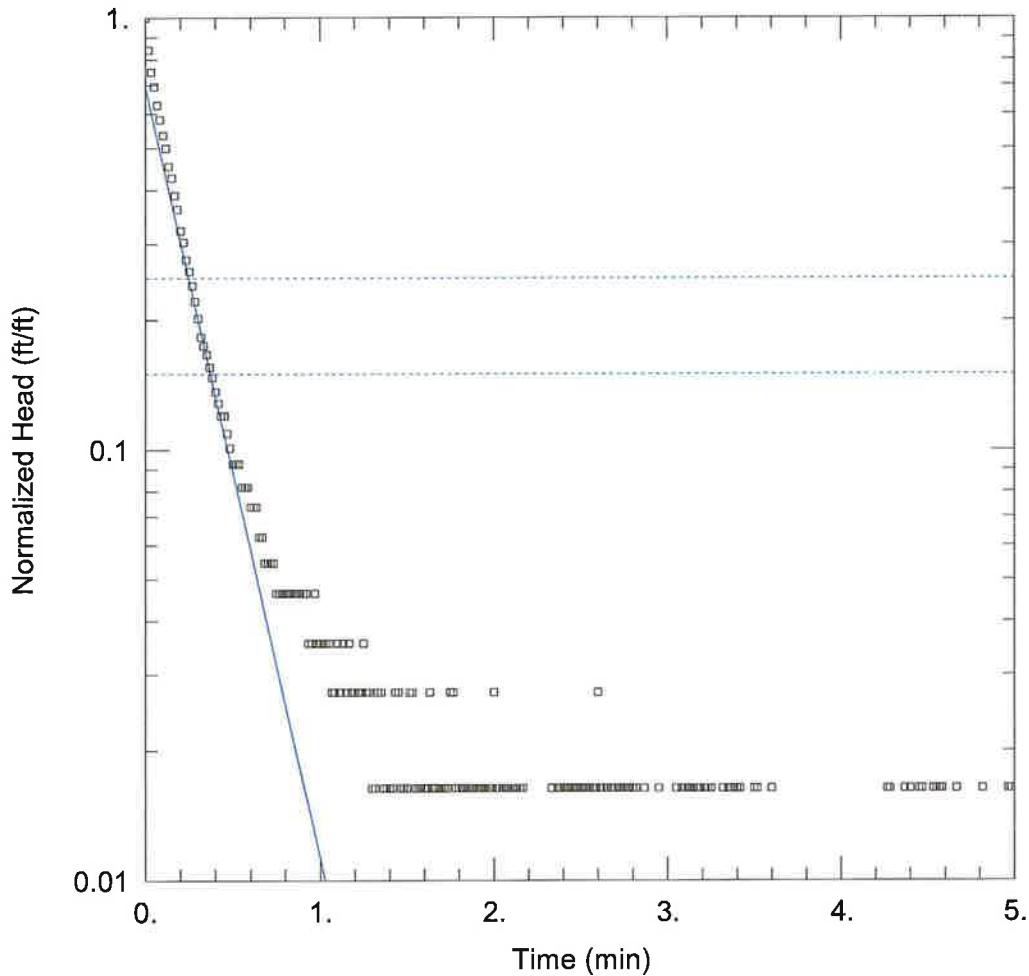
Saturated Thickness: 23.74 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW7SBRB)

Initial Displacement: <u>1.1</u> ft	Static Water Column Height: <u>23.74</u> ft
Total Well Penetration Depth: <u>23.74</u> ft	Screen Length: <u>10.</u> ft
Casing Radius: <u>0.0833</u> ft	Well Radius: <u>0.167</u> ft
	Gravel Pack Porosity: <u>0.3</u>

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Bouwer-Rice</u>
$K = 0.01339$ ft/min	$y_0 = 0.9722$ ft



MW-7SBR (FALLING HEAD)

Data Set: P:\...\MW7SBRB_HVR.aqt
Date: 12/27/11

Time: 18:02:43

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW7SBRB
Test Date: February 9, 2011

AQUIFER DATA

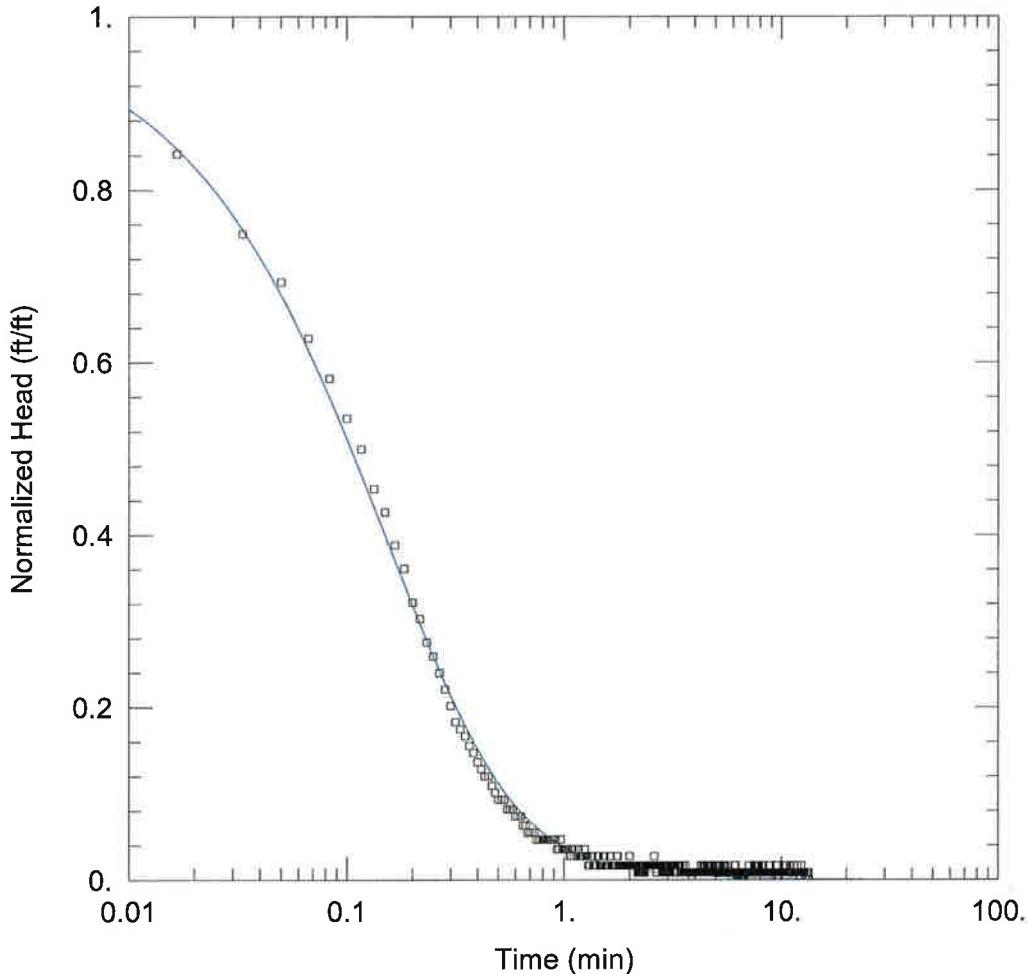
Saturated Thickness: 23.74 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW7SBRB)

Initial Displacement: <u>1.1</u> ft	Static Water Column Height: <u>23.74</u> ft
Total Well Penetration Depth: <u>23.74</u> ft	Screen Length: <u>10.</u> ft
Casing Radius: <u>0.0833</u> ft	Well Radius: <u>0.167</u> ft
	Gravel Pack Porosity: <u>0.3</u>

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Hvorslev</u>
K = <u>0.01401</u> ft/min	y0 = <u>0.7597</u> ft



MW-7SBR (FALLING HEAD)

Data Set: P:\...\MW7SBRB_KGS.aqt
 Date: 12/27/11

Time: 18:03:59

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW7SBRB
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 23.74 ft

WELL DATA (MW7SBRB)

Initial Displacement: 1.1 ft	Static Water Column Height: 23.74 ft
Total Well Penetration Depth: 23.74 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

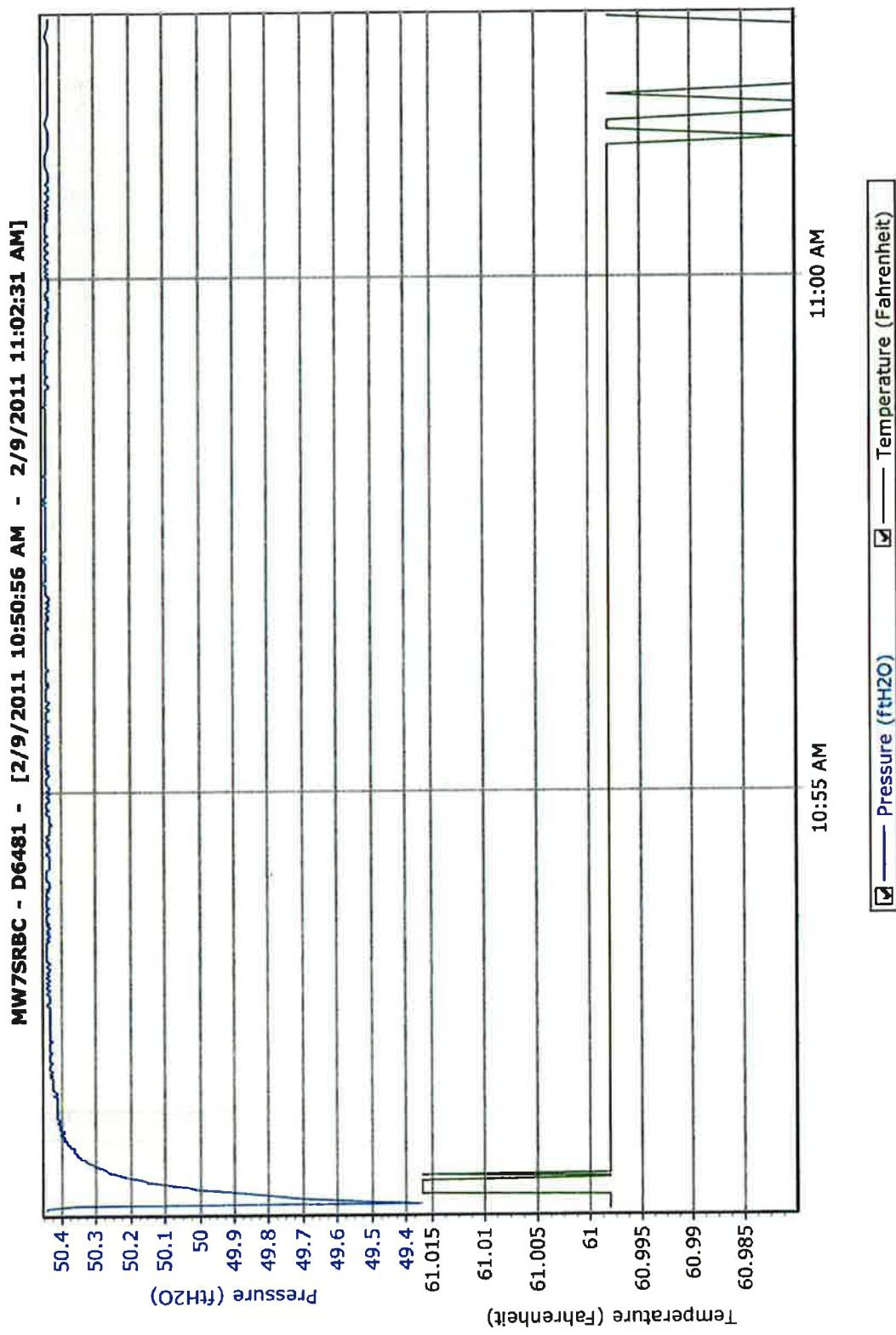
Aquifer Model: Unconfined

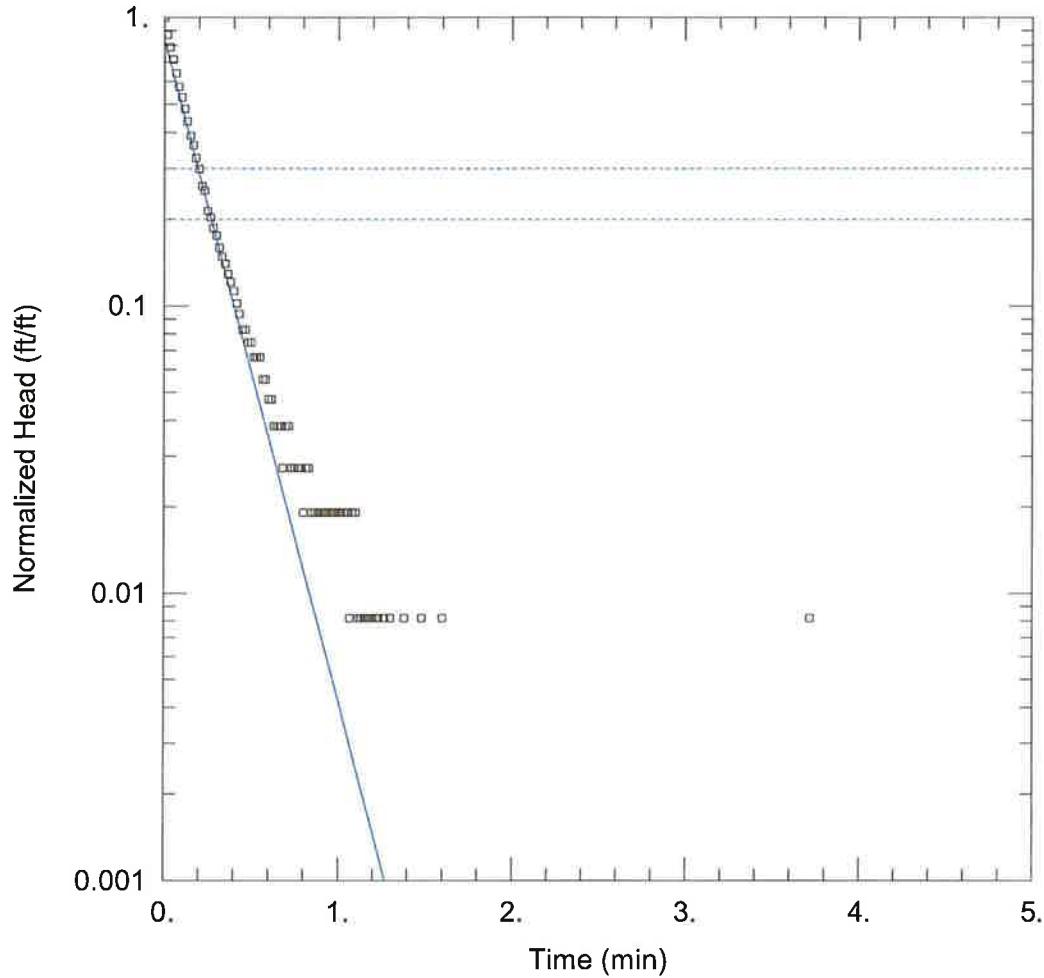
Solution Method: KGS Model

Kr = 0.005087 ft/min

Ss = 7.055E-5 ft⁻¹

Kz/Kr = 0.1





MW-7SBR (RISING HEAD)

Data Set: P:\...\MW7SBRC_BR.aqt
Date: 12/27/11

Time: 18:05:27

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW7SBRC
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 23.74 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW7SBRC)

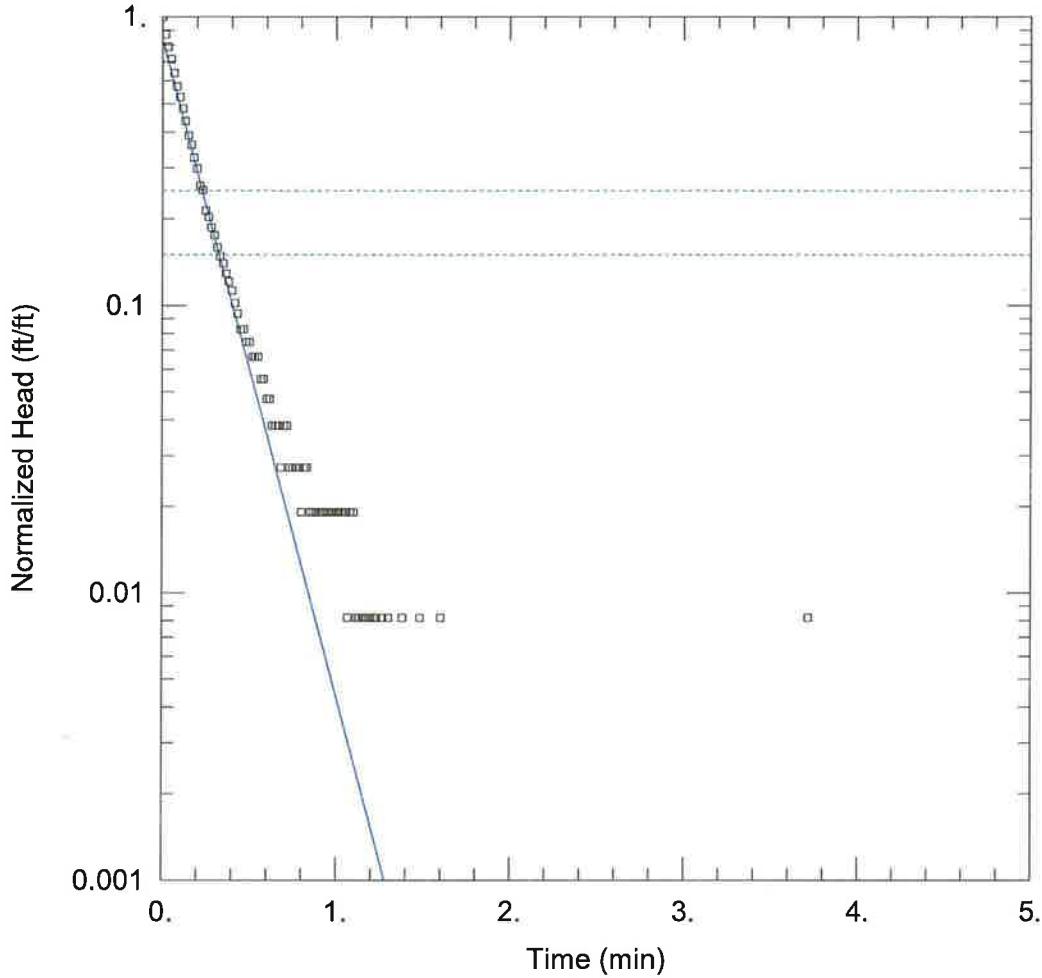
Initial Displacement: 1.1 ft
Total Well Penetration Depth: 23.74 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 23.74 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.01406 \text{ ft/min}$

Solution Method: Bouwer-Rice
 $y_0 = 0.9115 \text{ ft}$



MW-7SBR (RISING HEAD)

Data Set: P:\...\MW7SBRC_HVR.aqt
Date: 12/27/11

Time: 18:05:56

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW7SBRC
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 23.74 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW7SBRC)

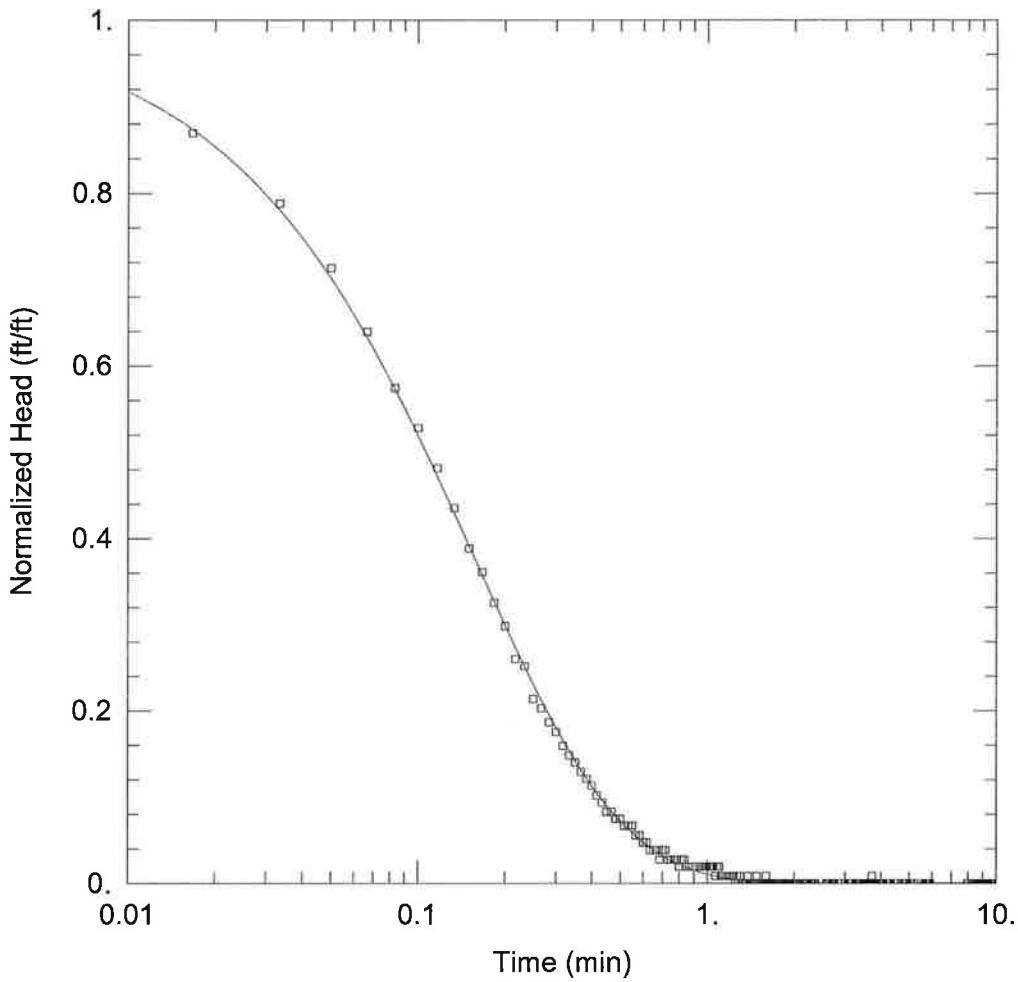
Initial Displacement: 1.1 ft
Total Well Penetration Depth: 23.74 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 23.74 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.01786$ ft/min

Solution Method: Hvorslev
 $y_0 = 0.9147$ ft



MW-7SBR (RISING HEAD)

Data Set: P:\...\MW7SBRC_KGS.aqt
 Date: 12/27/11

Time: 18:06:55

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW7SBRC
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 23.74 ft

WELL DATA (MW7SBRC)

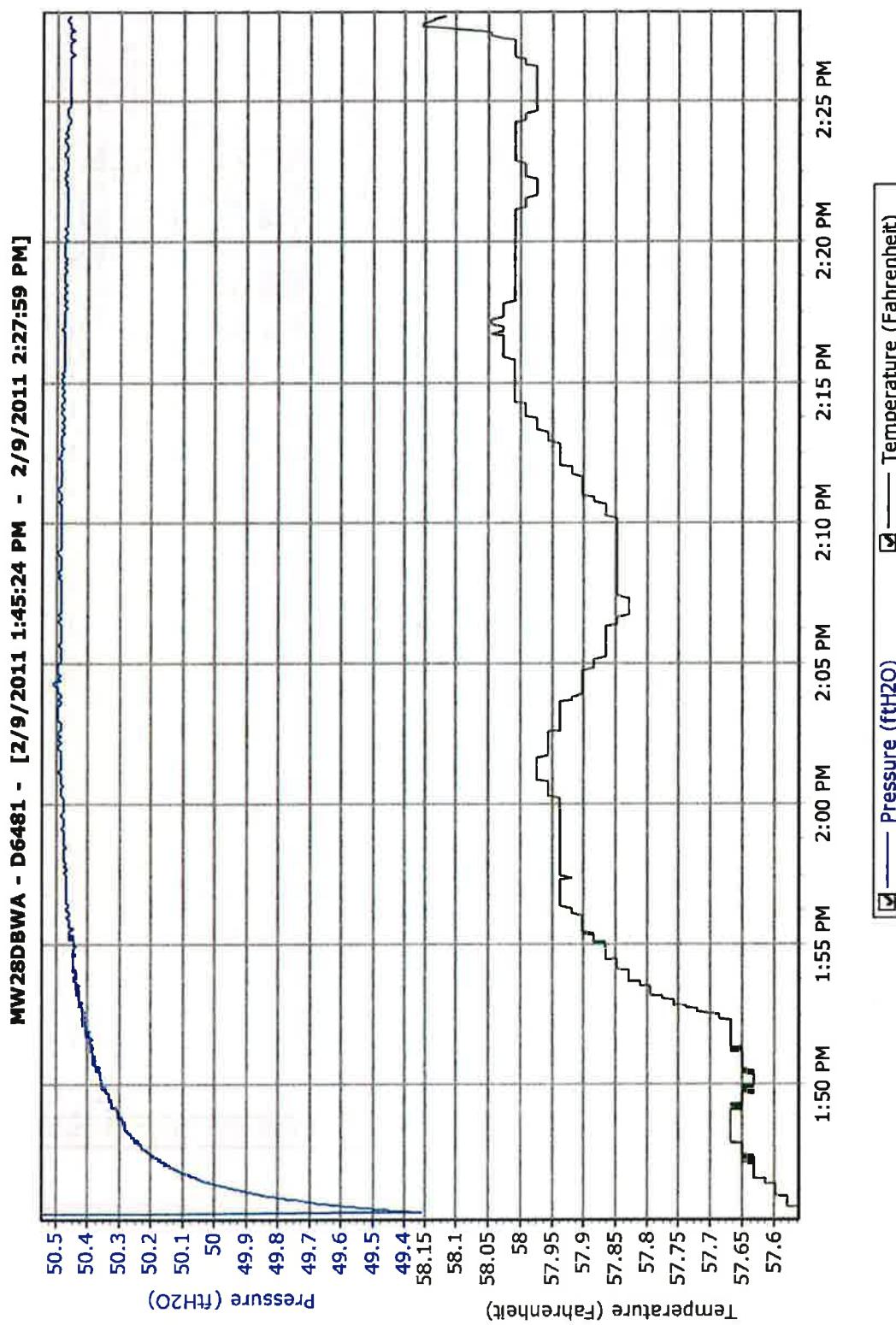
Initial Displacement: 1.1 ft
 Total Well Penetration Depth: 23.74 ft
 Casing Radius: 0.0833 ft

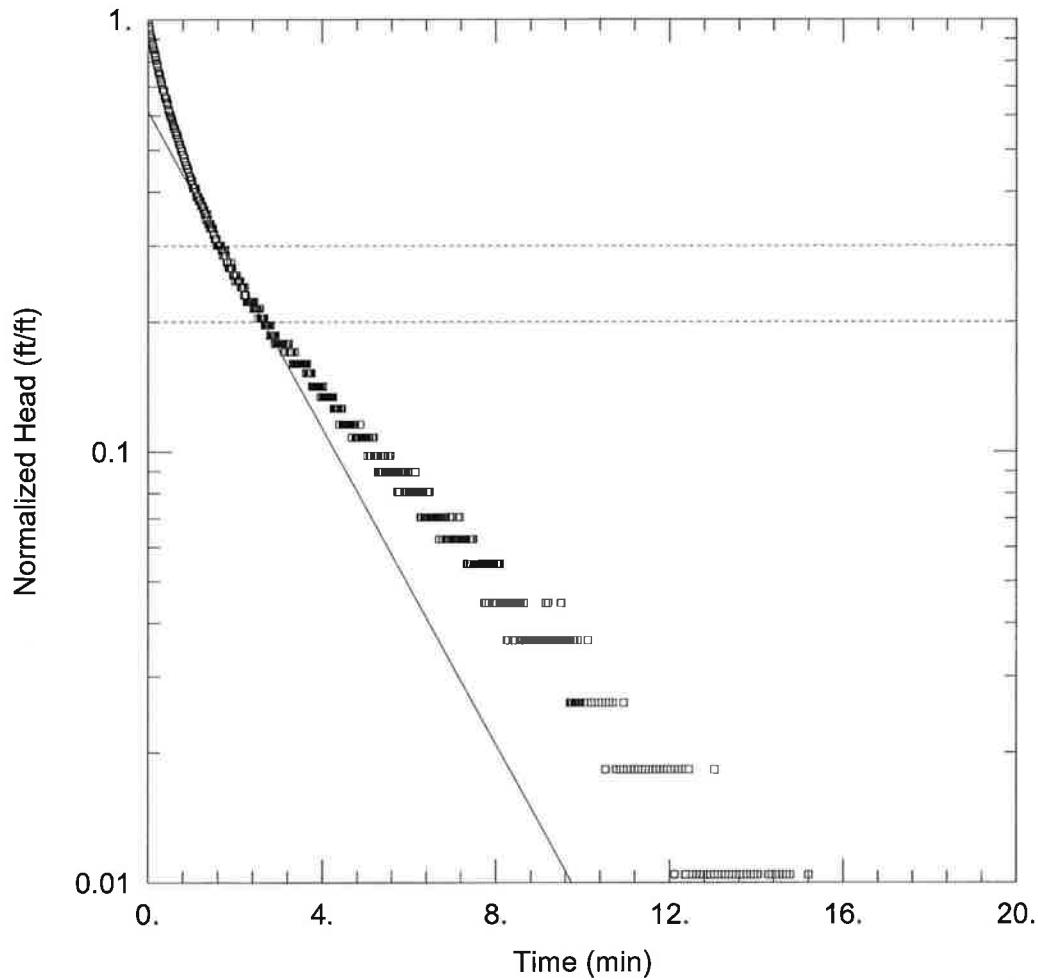
Static Water Column Height: 23.74 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.007776 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 2.224E-6 \text{ ft}^{-1}$





MW-28DBR (RISING HEAD)

Data Set: P:\...\MW28DBWA_BR.aqt
Date: 12/27/11

Time: 18:21:47

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28DBWA
Test Date: February 9, 2011

AQUIFER DATA

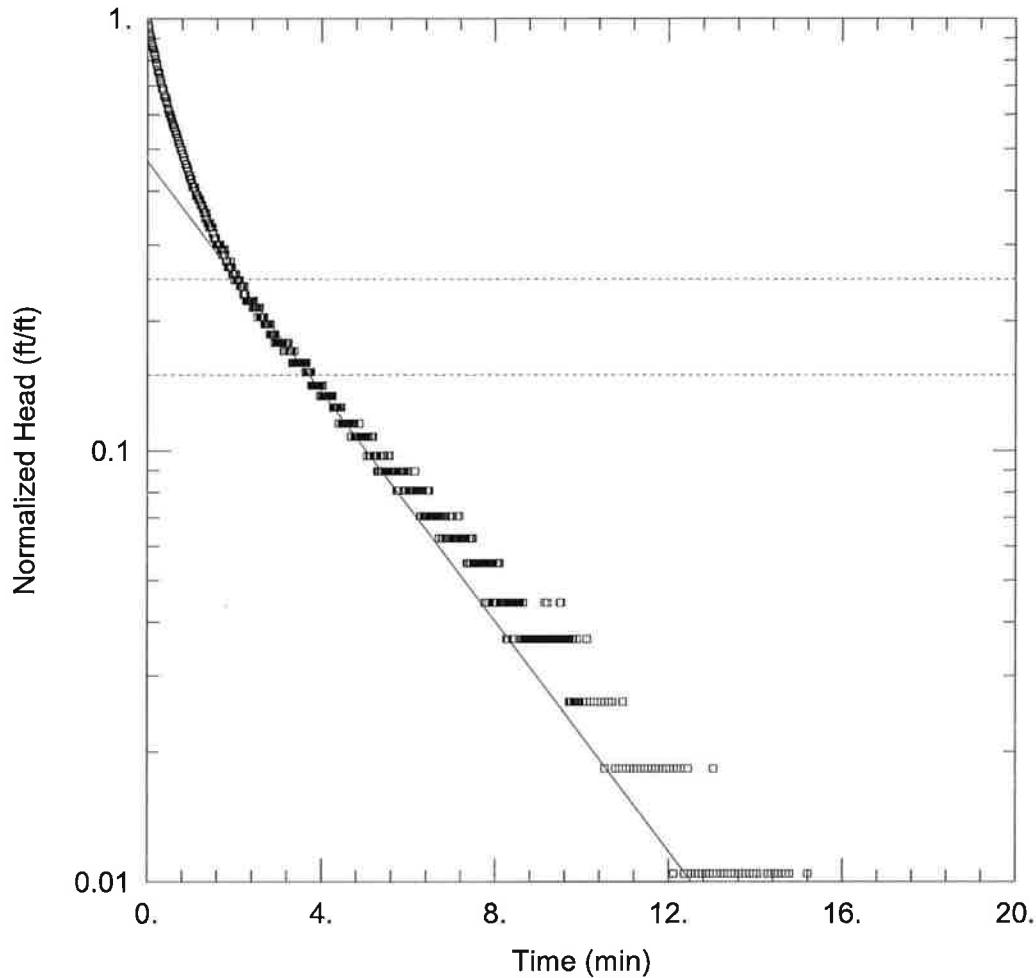
Saturated Thickness: 12. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28DBWA)

Initial Displacement: 1.15 ft	Static Water Column Height: 80.4 ft
Total Well Penetration Depth: 80.4 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.001305 ft/min	y0 = 0.7054 ft



MW-28DBR (RISING HEAD)

Data Set: P:\...\MW28DBWA_HVR.aqt
Date: 12/27/11

Time: 18:22:16

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28DBWA
Test Date: February 9, 2011

AQUIFER DATA

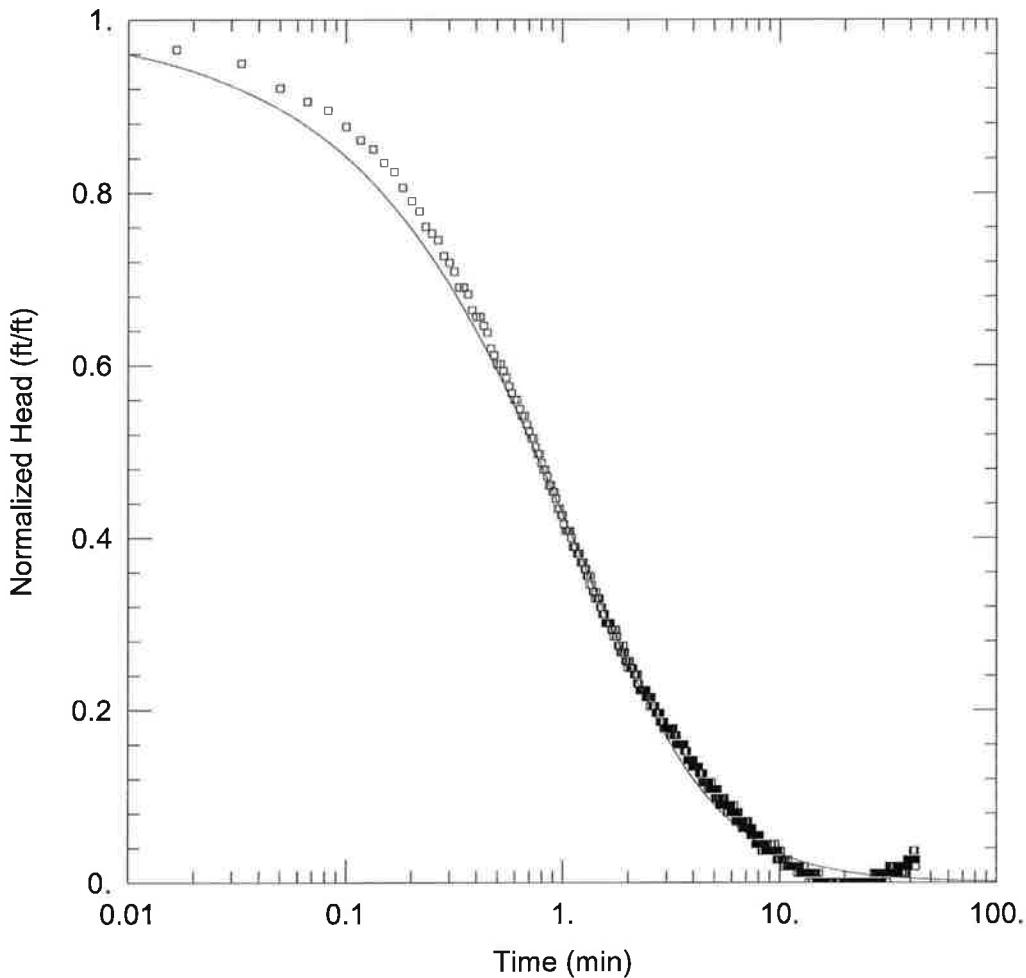
Saturated Thickness: 12. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28DBWA)

Initial Displacement: 1.15 ft	Static Water Column Height: 80.4 ft
Total Well Penetration Depth: 80.4 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.001045 ft/min	y0 = 0.5391 ft



MW-28DBR (RISING HEAD)

Data Set: P:\...\MW28DBWA_KGS.aqt
Date: 12/27/11

Time: 18:23:43

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28DBWA
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 12. ft

WELL DATA (MW28DBWA)

Initial Displacement: 1.15 ft
Total Well Penetration Depth: 80.4 ft
Casing Radius: 0.0833 ft

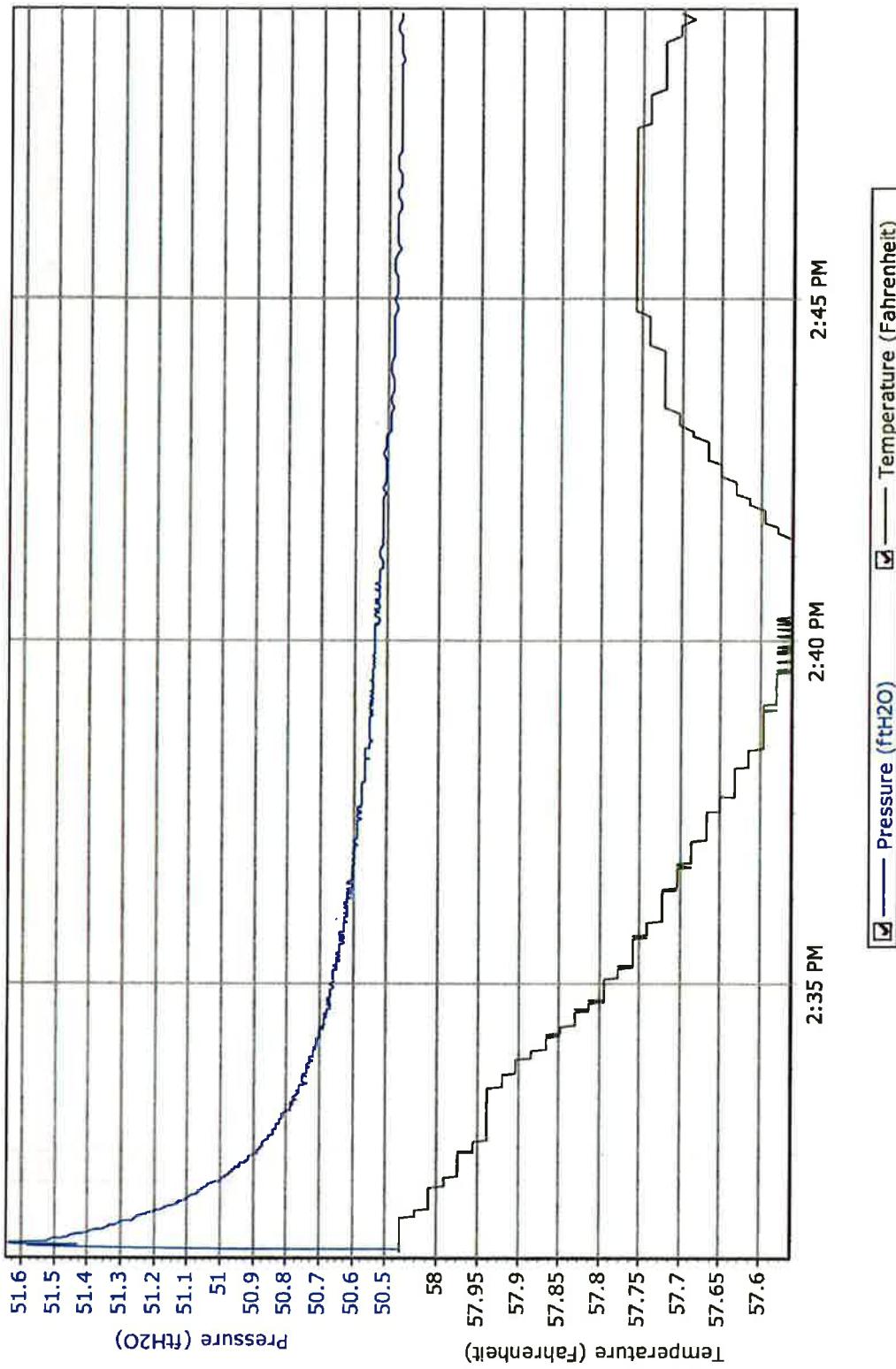
Static Water Column Height: 80.4 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

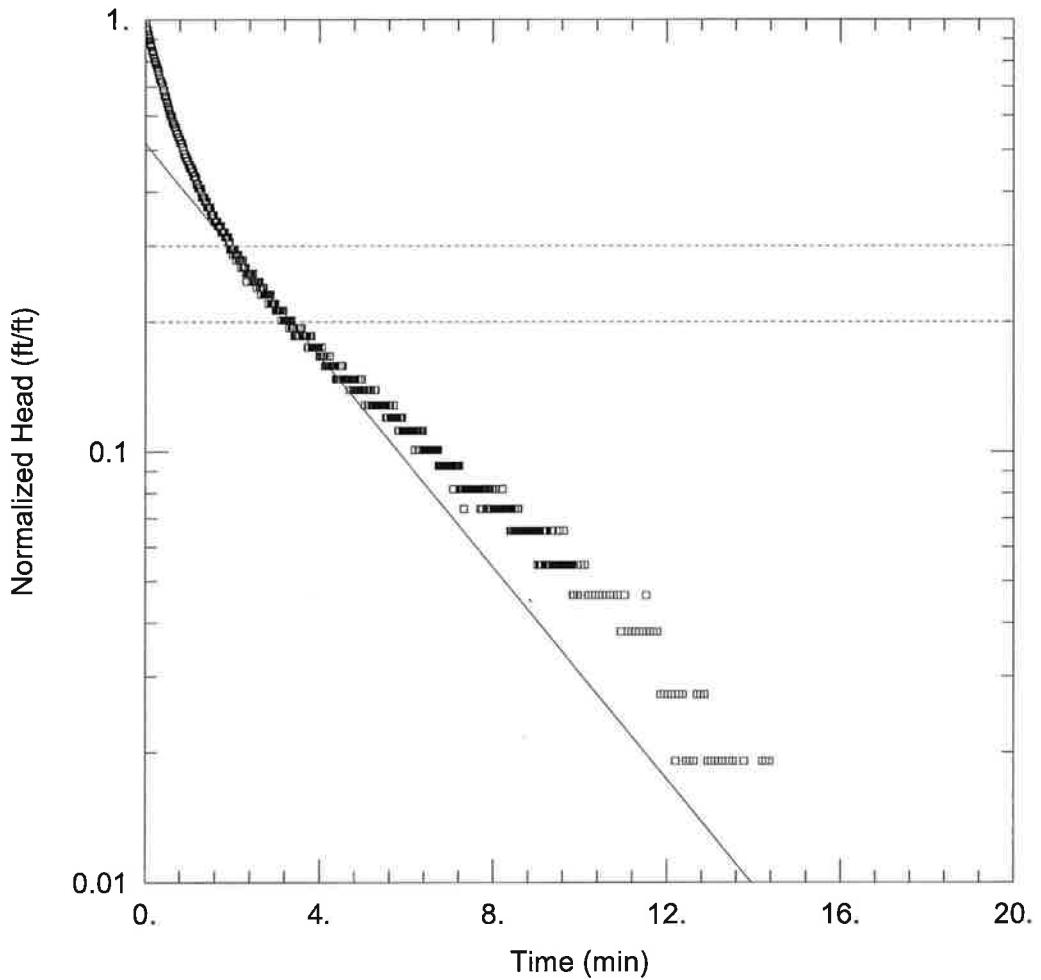
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0003223$ ft/min
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 0.0002789 \text{ ft}^{-1}$

MW28DBWB - D6481 - [2/9/2011 2:31:04 PM - 2/9/2011 2:49:09 PM]





MW-28DBR (FALLING HEAD)

Data Set: P:\...\MW28DBWB_BR.aqt
Date: 12/27/11

Time: 18:25:44

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28DBWB
Test Date: February 9, 2011

AQUIFER DATA

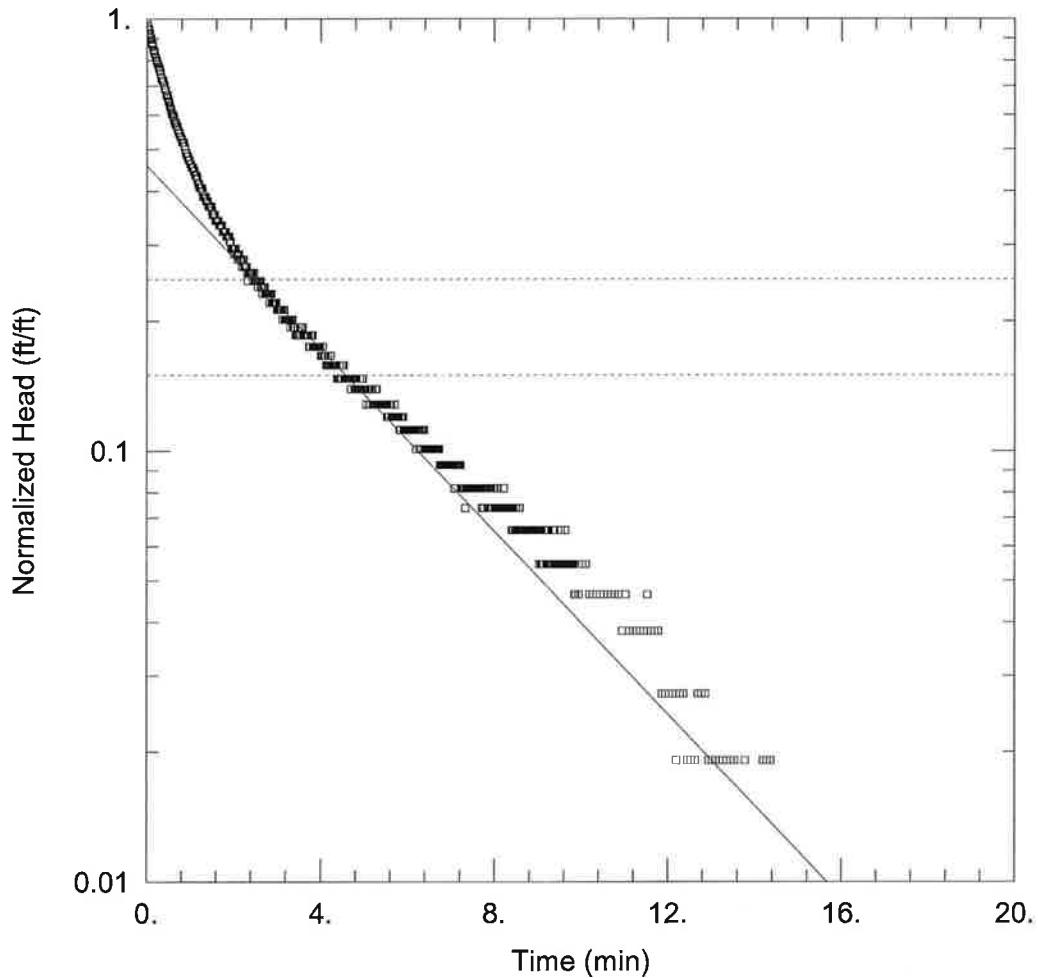
Saturated Thickness: 12. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28DBWB)

Initial Displacement: 1.1 ft	Static Water Column Height: 80.4 ft
Total Well Penetration Depth: 80.4 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.0008742 ft/min	y0 = 0.5695 ft



MW-28DBR (FALLING HEAD)

Data Set: P:\...\MW28DBWB_HVR.aqt

Date: 12/27/11

Time: 18:26:15

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW28DBWB

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 12. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28DBWB)

Initial Displacement: 1.1 ft

Static Water Column Height: 80.4 ft

Total Well Penetration Depth: 80.4 ft

Screen Length: 10. ft

Casing Radius: 0.0833 ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

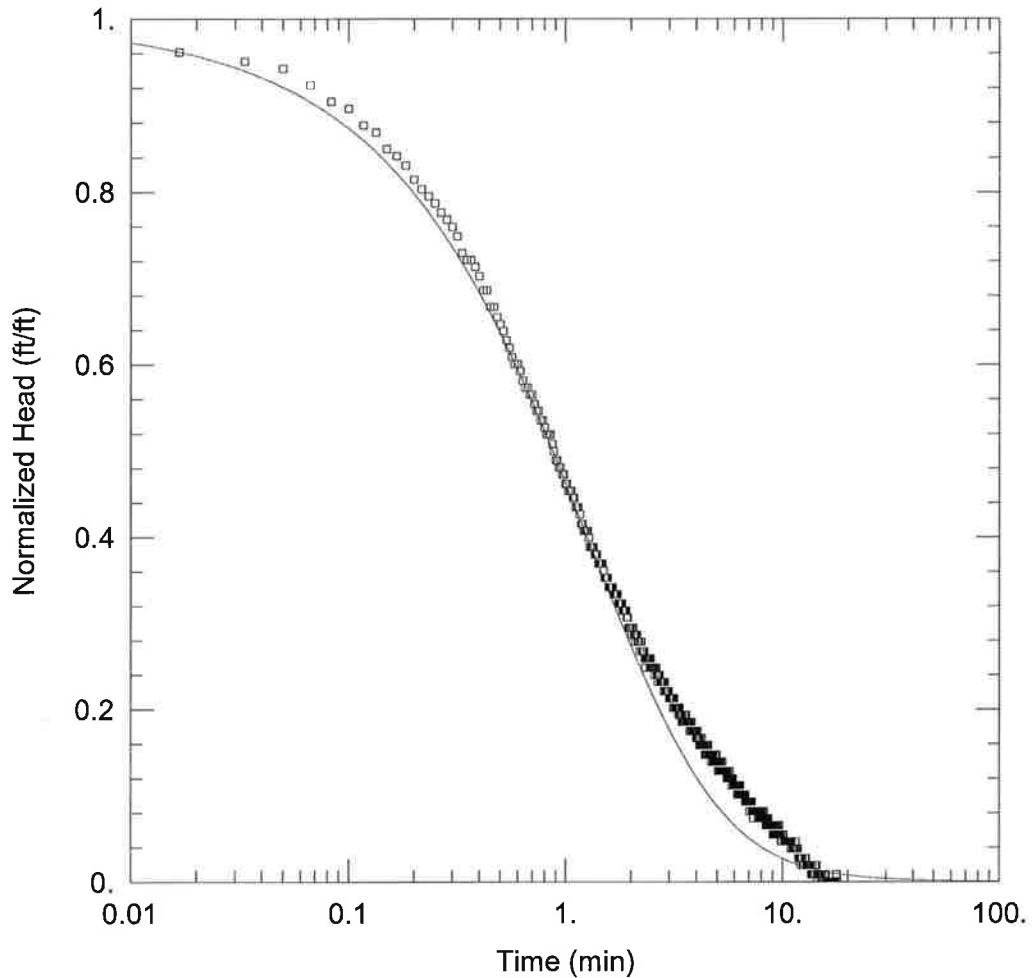
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 0.0008301 ft/min

y0 = 0.504 ft



MW-28DBR (FALLING HEAD)

Data Set: P:\...\MW28DBWB_KGS.aqt

Date: 12/27/11

Time: 18:28:22

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW28DBWB

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 12. ft

WELL DATA (MW28DBWB)

Initial Displacement: 1.1 ft

Total Well Penetration Depth: 80.4 ft

Casing Radius: 0.0833 ft

Static Water Column Height: 80.4 ft

Screen Length: 10. ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined

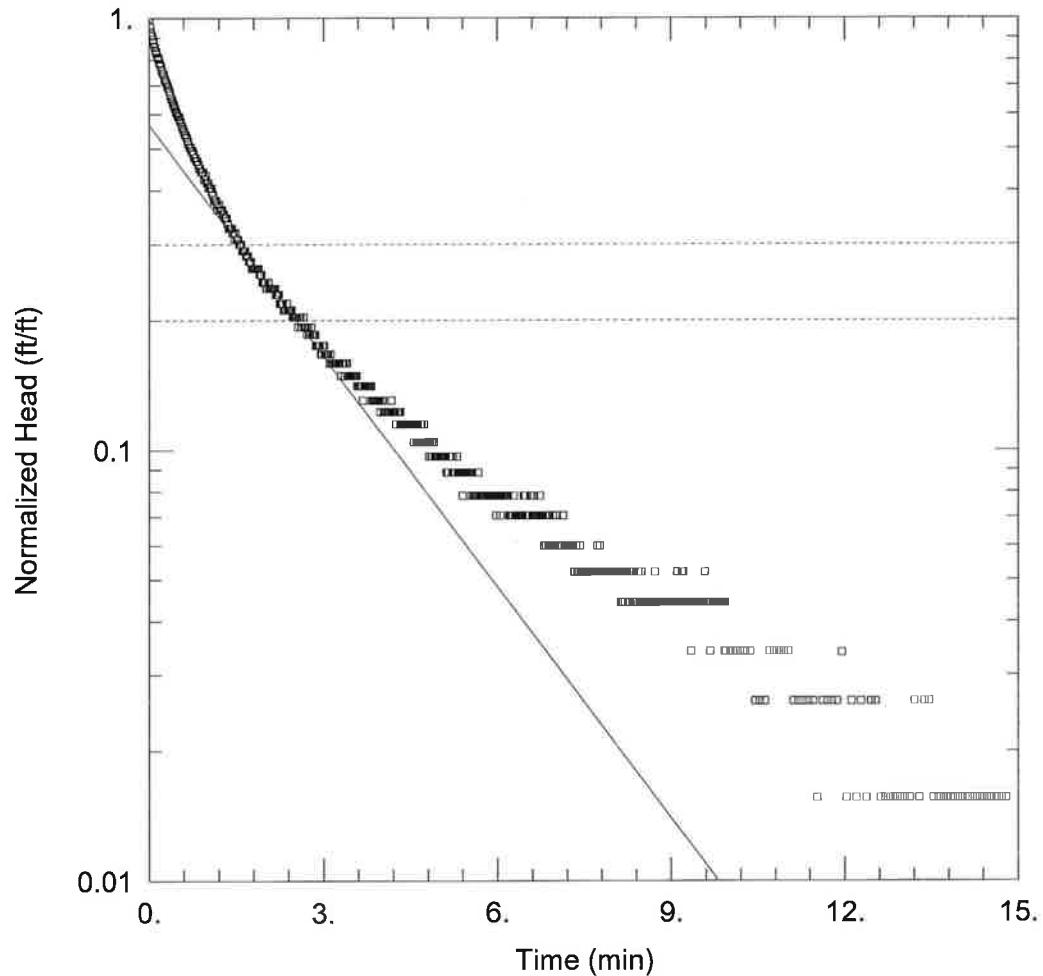
Solution Method: KGS Model

$K_r = 0.0003637 \text{ ft/min}$

$S_s = 8.333E-5 \text{ ft}^{-1}$

$K_z/K_r = 0.1$





MW-28DBR (RISING HEAD)

Data Set: P:\...\MW28DBWC_BR.aqt
 Date: 12/27/11

Time: 18:29:49

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW28DBWC
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 12. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28DBWC)

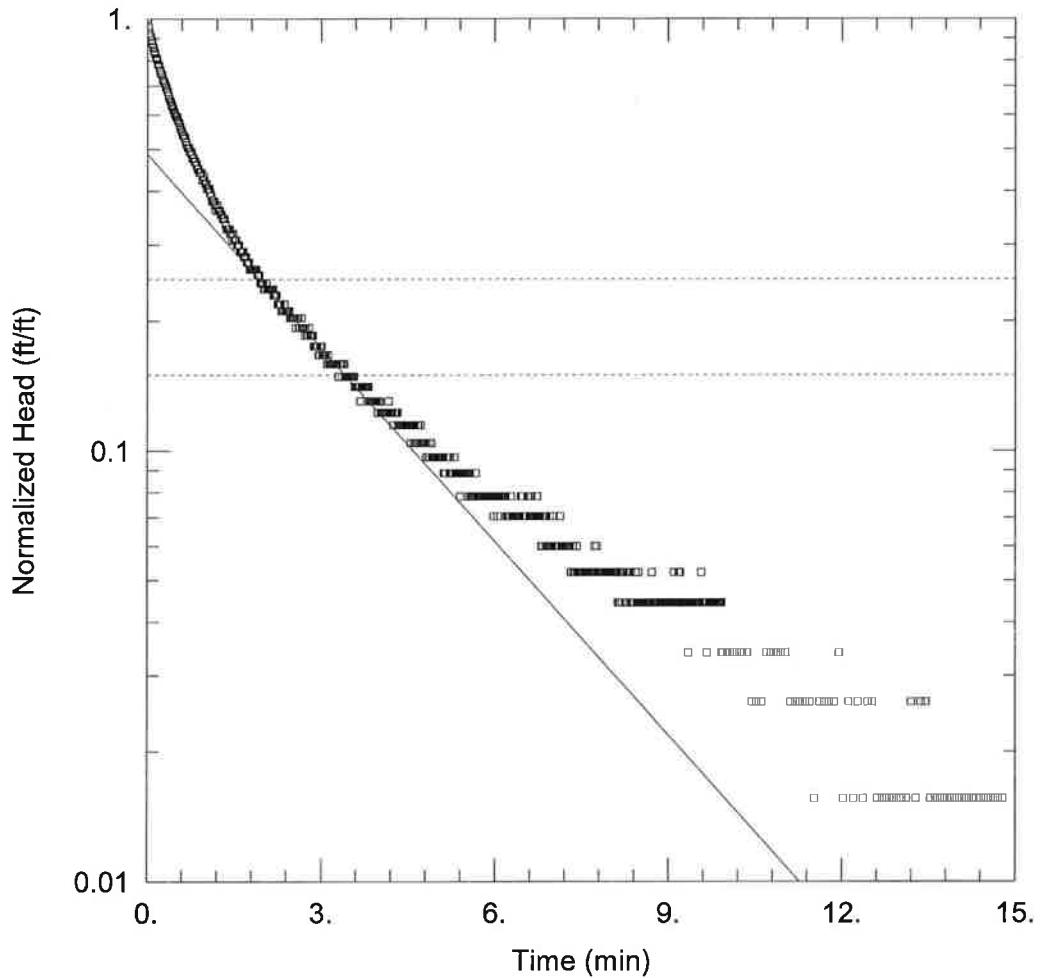
Initial Displacement: 1.15 ft
 Total Well Penetration Depth: 80.4 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 80.4 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.001271$ ft/min

Solution Method: Bouwer-Rice
 $y_0 = 0.6522$ ft



MW-28DBR (RISING HEAD)

Data Set: P:\...\MW28DBWC_HVR.aqt

Date: 12/27/11

Time: 18:30:17

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW28DBWC

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 12. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28DBWC)

Initial Displacement: 1.15 ft

Static Water Column Height: 80.4 ft

Total Well Penetration Depth: 80.4 ft

Screen Length: 10. ft

Casing Radius: 0.0833 ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

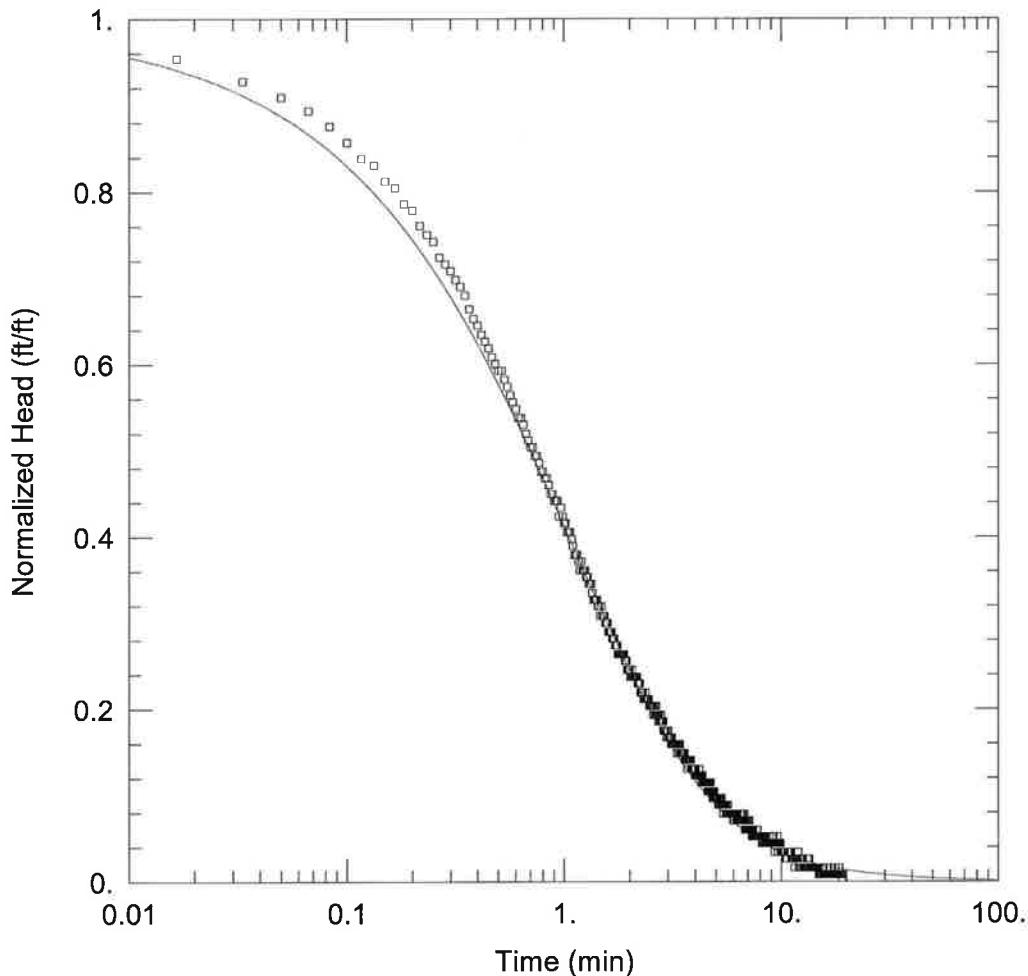
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 0.001173 ft/min

y0 = 0.5603 ft



MW-28DBR (RISING HEAD)

Data Set: P:\...\MW28DBWC_KGS.aqt

Date: 12/27/11

Time: 18:31:15

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW28DBWC

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 12. ft

WELL DATA (MW28DBWC)

Initial Displacement: 1.15 ft

Total Well Penetration Depth: 80.4 ft

Casing Radius: 0.0833 ft

Static Water Column Height: 80.4 ft

Screen Length: 10. ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined

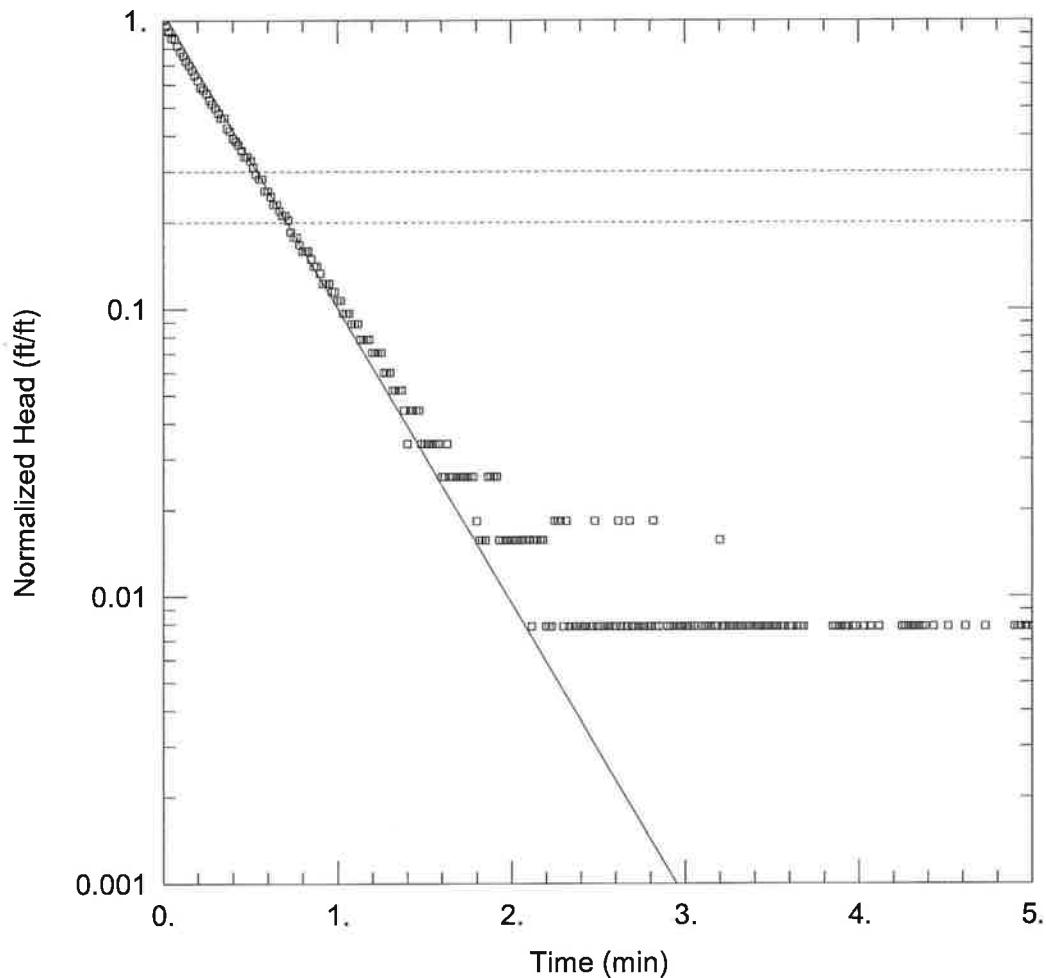
K_r = 0.000319 ft/min

K_z/K_r = 0.1

Solution Method: KGS Model

S_s = 0.0003686 ft⁻¹





MW-28SBR (RISING HEAD, 1)

Data Set: P:\...\MW28SBRA_BR.aqt
Date: 12/27/11

Time: 18:37:56

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28SBRA
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 66.3 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28SBRA)

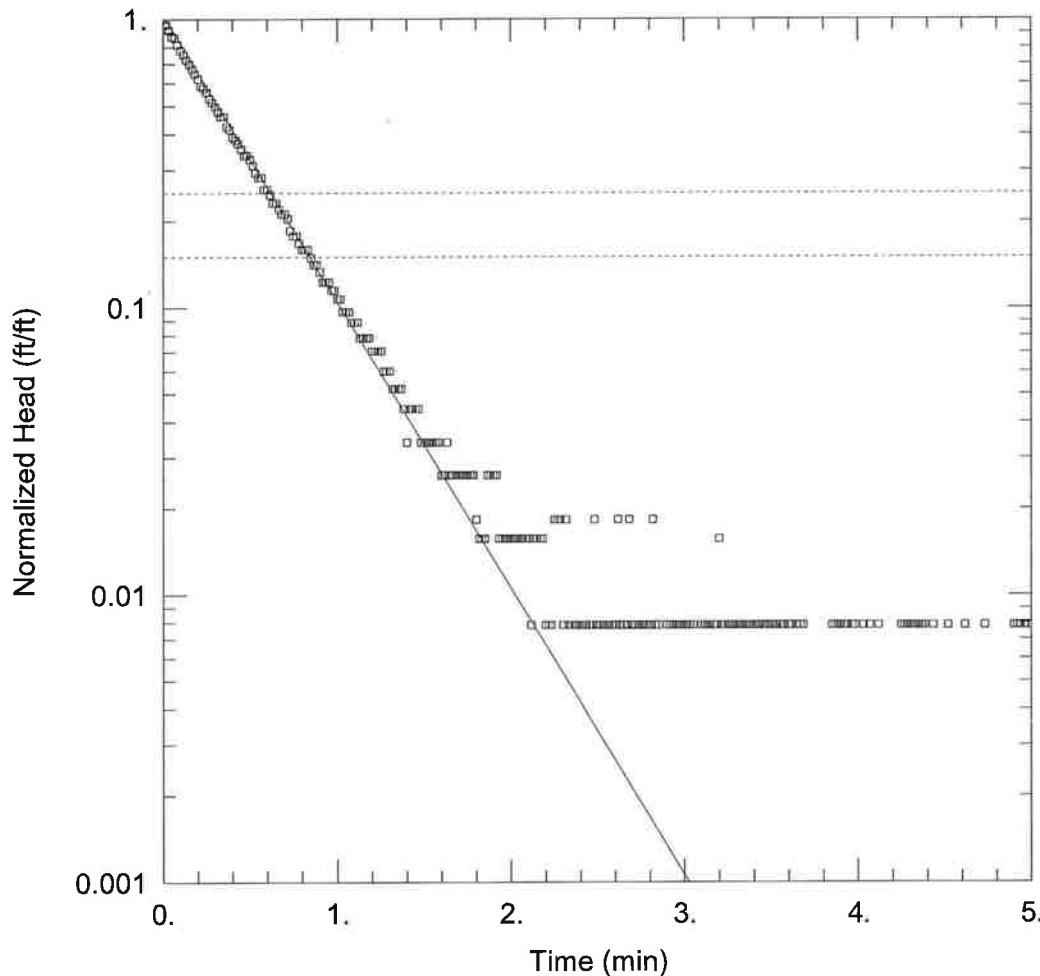
Initial Displacement: 1.15 ft
Total Well Penetration Depth: 66.3 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 66.31 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.007146 \text{ ft/min}$

Solution Method: Bouwer-Rice
 $y_0 = 1.23 \text{ ft}$



MW-28SBR (RISING HEAD, 1)

Data Set: P:\...\MW28SBRA_HVR.aqt
Date: 12/27/11

Time: 18:38:25

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28SBRA
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 66.3 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28SBRA)

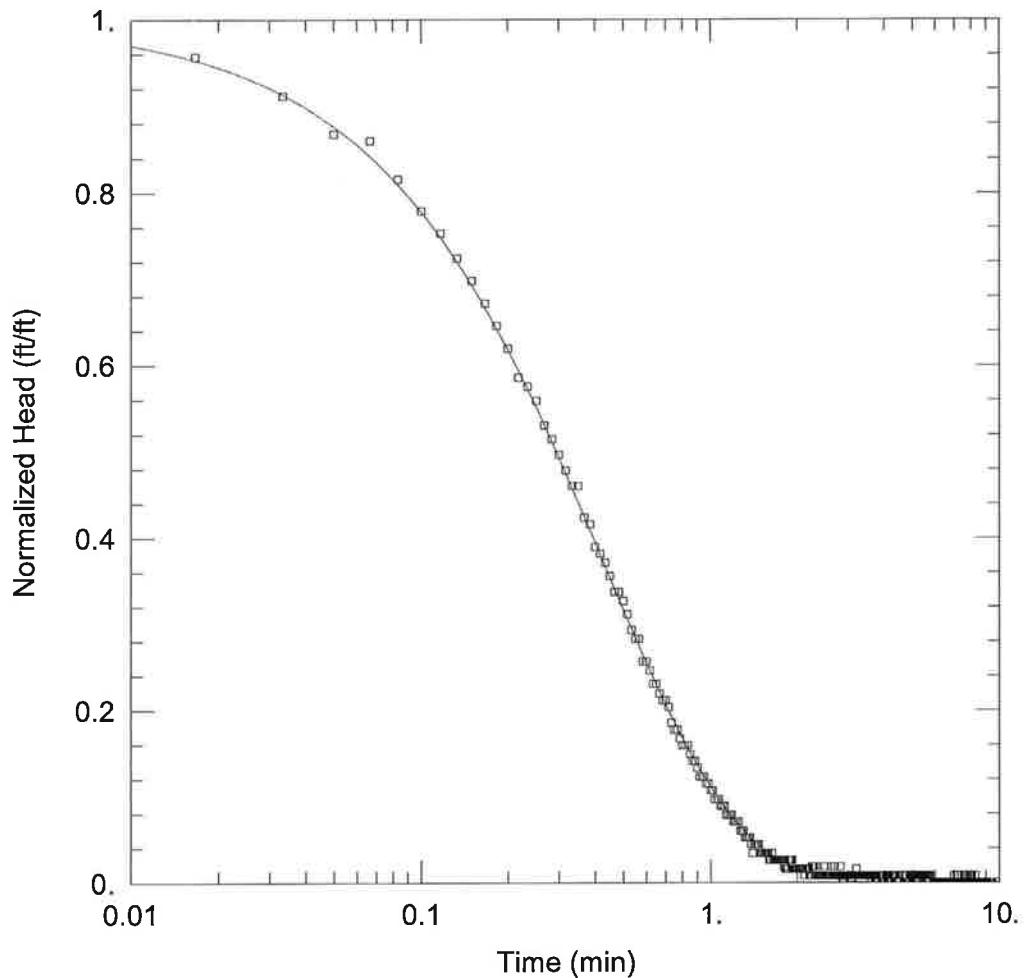
Initial Displacement: 1.15 ft
Total Well Penetration Depth: 66.3 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 66.31 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.007799 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 1.191 \text{ ft}$



MW-28SBR (RISING HEAD, 1)

Data Set: P:\...\MW28SBRA_KGS.aqt
 Date: 12/27/11

Time: 18:39:40

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW28SBRA
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 66.3 ft

WELL DATA (MW28SBRA)

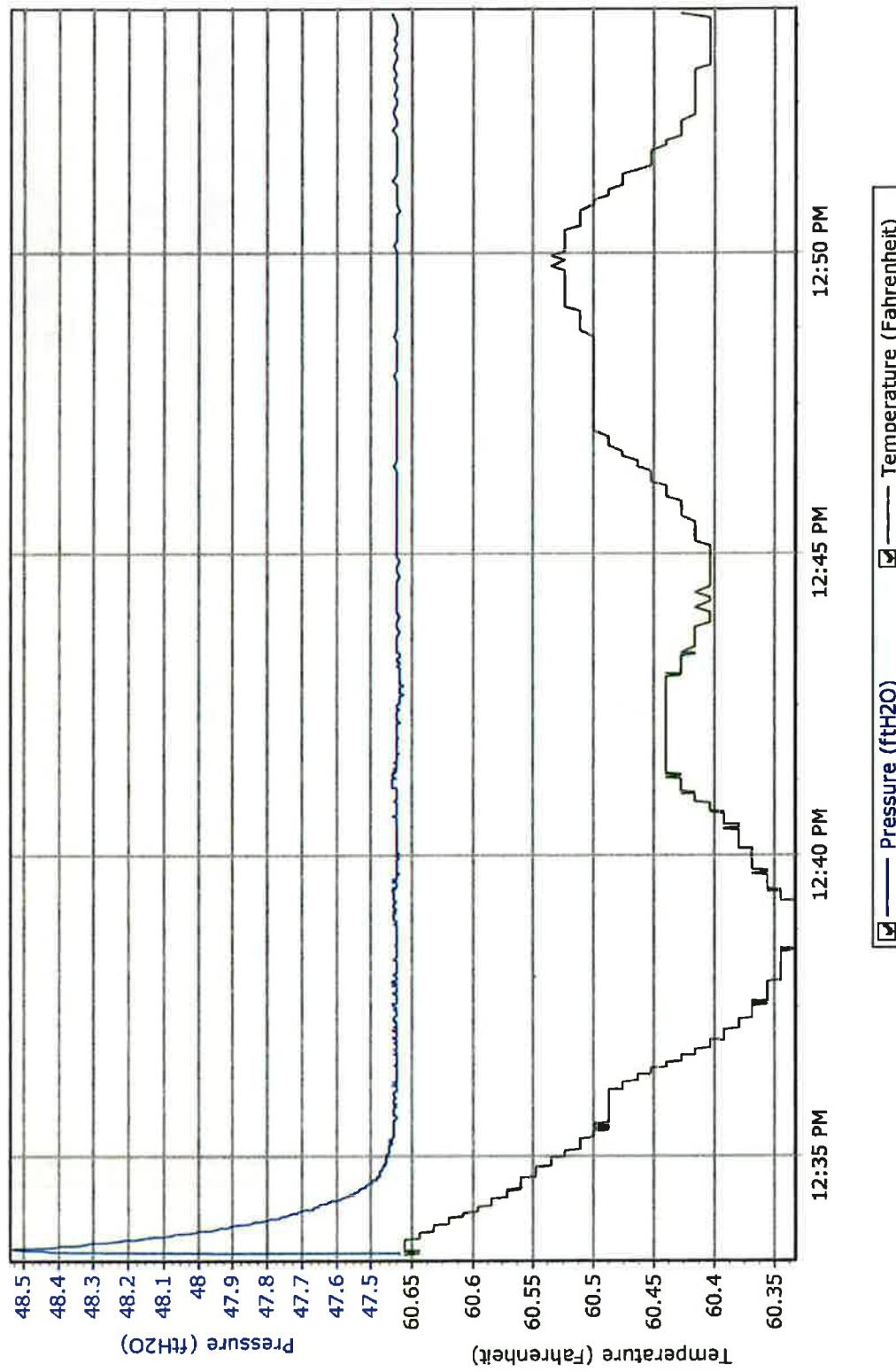
Initial Displacement: 1.15 ft	Static Water Column Height: 66.31 ft
Total Well Penetration Depth: 66.3 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

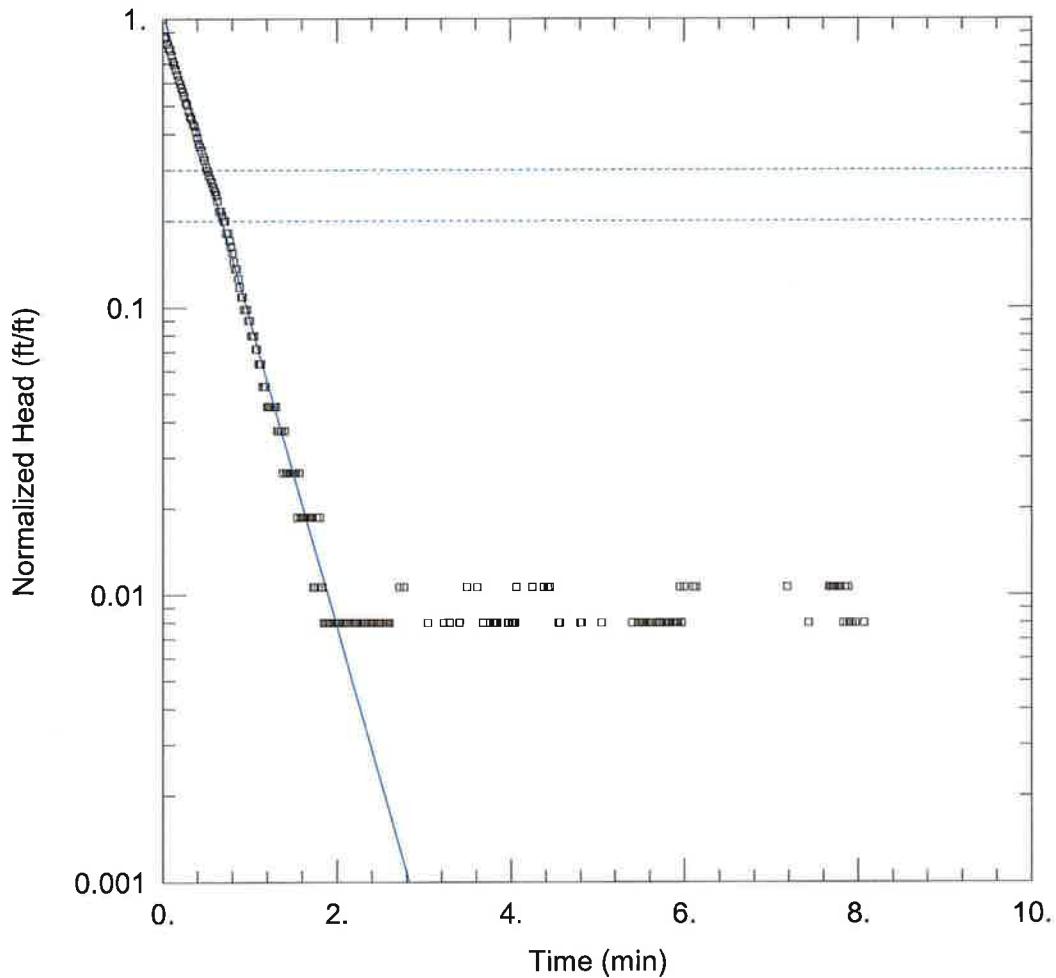
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.003207 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 2.175E-7 \text{ ft}^{-1}$

MWSBRB - D6481 - [2/9/2011 12:33:22 PM - 2/9/2011 12:53:57 PM]





MW-28SBR (FALLING HEAD)

Data Set: P:\...\MW28SBRB_BR.aqt
Date: 12/27/11

Time: 18:41:00

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MWSBRB
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 66.3 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MWSBRB)

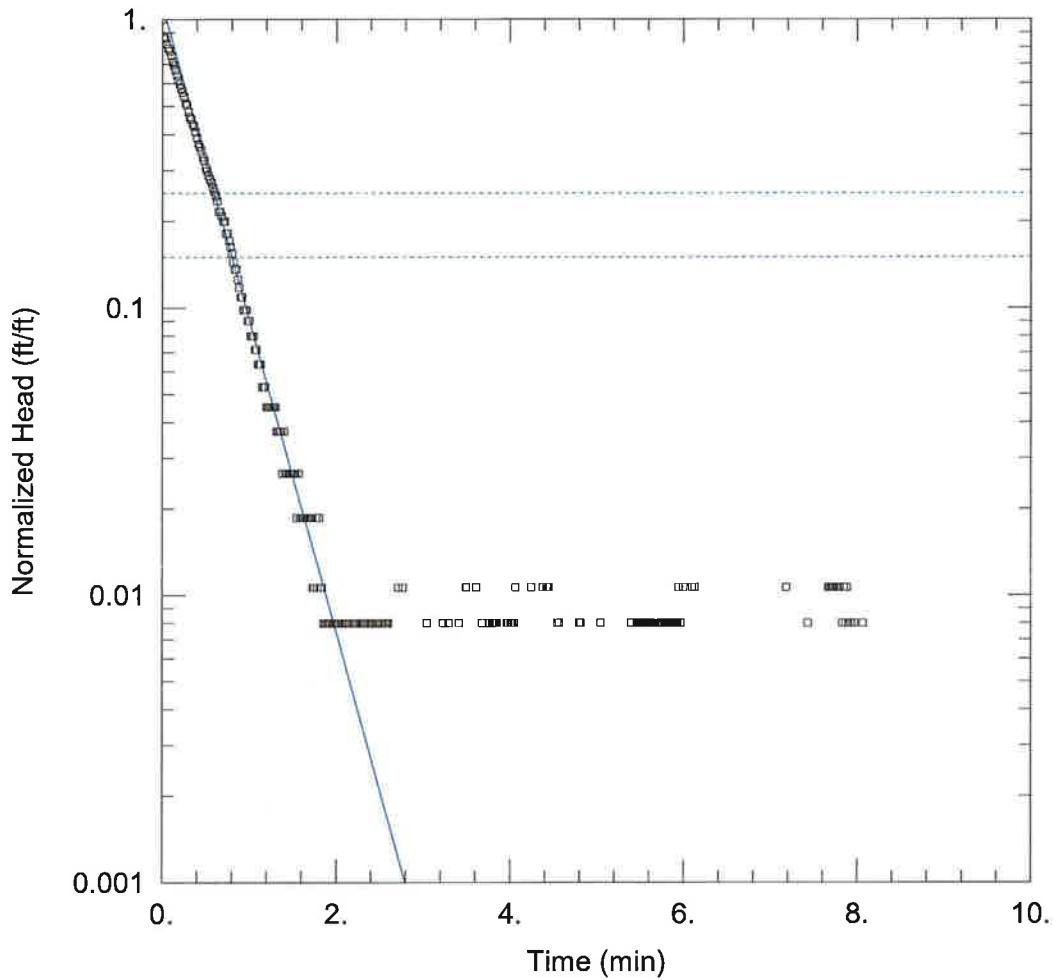
Initial Displacement: 1.13 ft
Total Well Penetration Depth: 66.3 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 1. ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.007445 \text{ ft/min}$

Solution Method: Bouwer-Rice
 $y_0 = 1.2 \text{ ft}$



MW-28SBR (FALLING HEAD)

Data Set: P:\...\MW28SBRB_HVR.aqt
Date: 12/27/11

Time: 18:41:30

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MWSBRB
Test Date: February 9, 2011

AQUIFER DATA

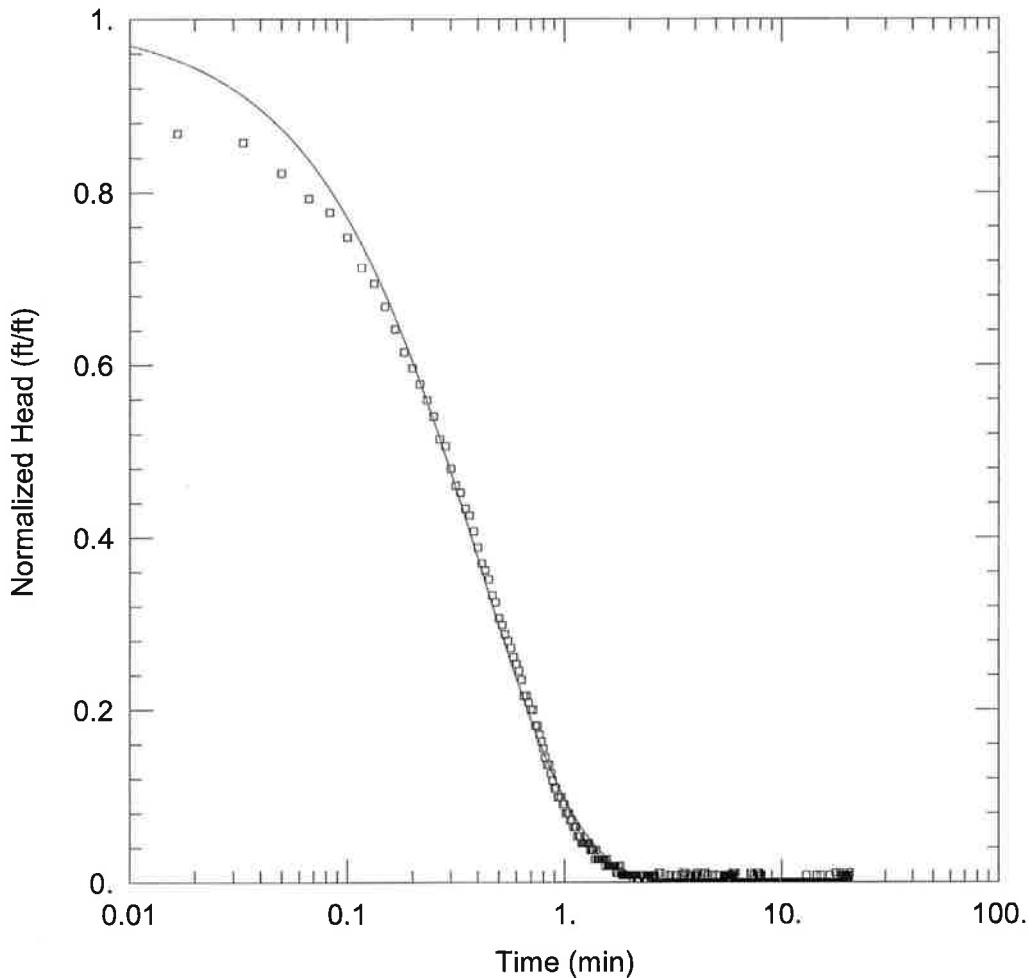
Saturated Thickness: 66.3 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MWSBRB)

Initial Displacement: 1.13 ft	Static Water Column Height: 1. ft
Total Well Penetration Depth: 66.3 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.008535 ft/min	y0 = 1.262 ft



MW-28SBR (FALLING HEAD)

Data Set: P:\...\MW28SBRB_KGS.aqt

Date: 12/27/11

Time: 18:42:26

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MWSBRB

Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 66.3 ft

WELL DATA (MWSBRB)

Initial Displacement: 1.13 ft

Static Water Column Height: 1. ft

Total Well Penetration Depth: 66.3 ft

Screen Length: 10. ft

Casing Radius: 0.0833 ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

SOLUTION

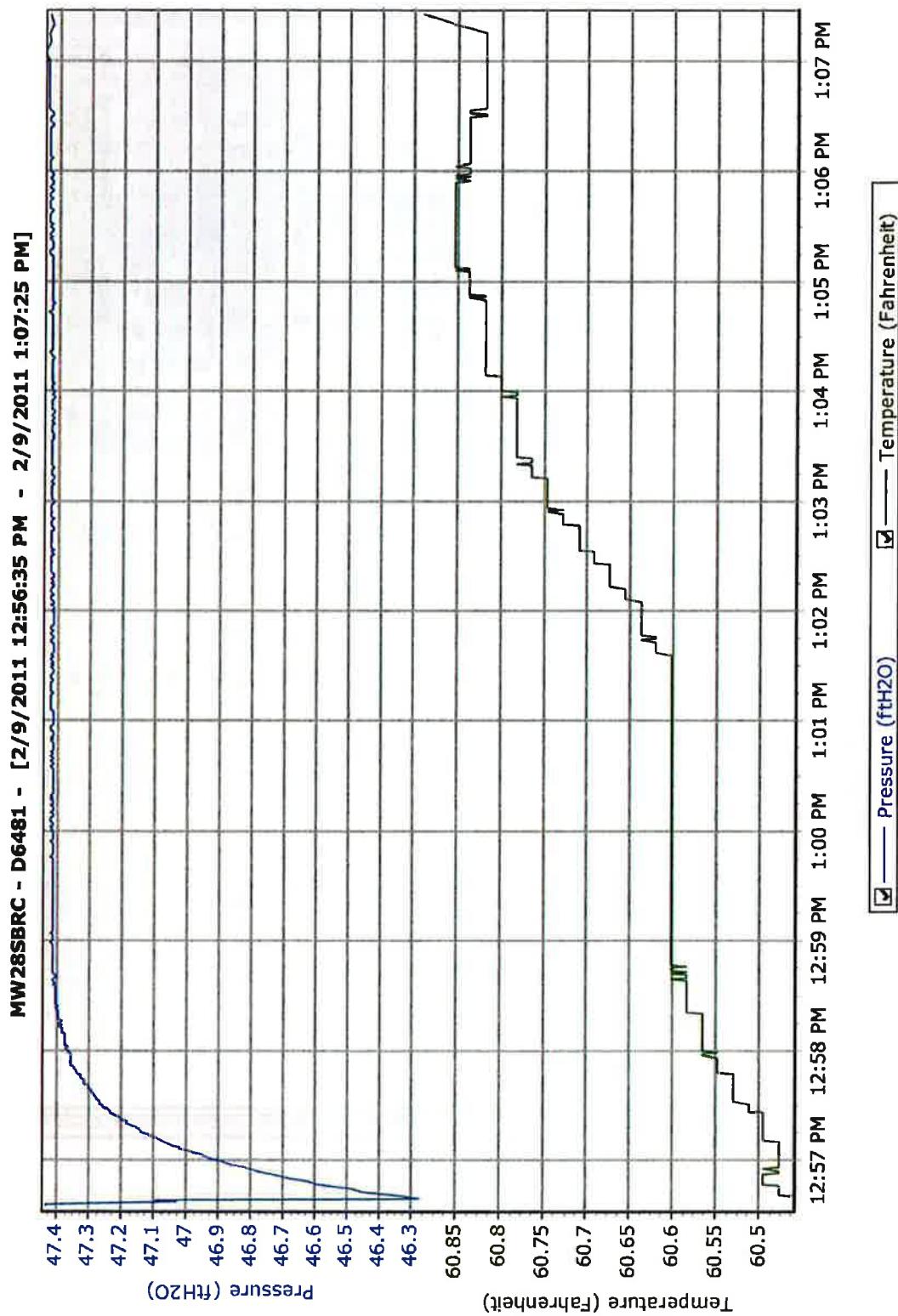
Aquifer Model: Unconfined

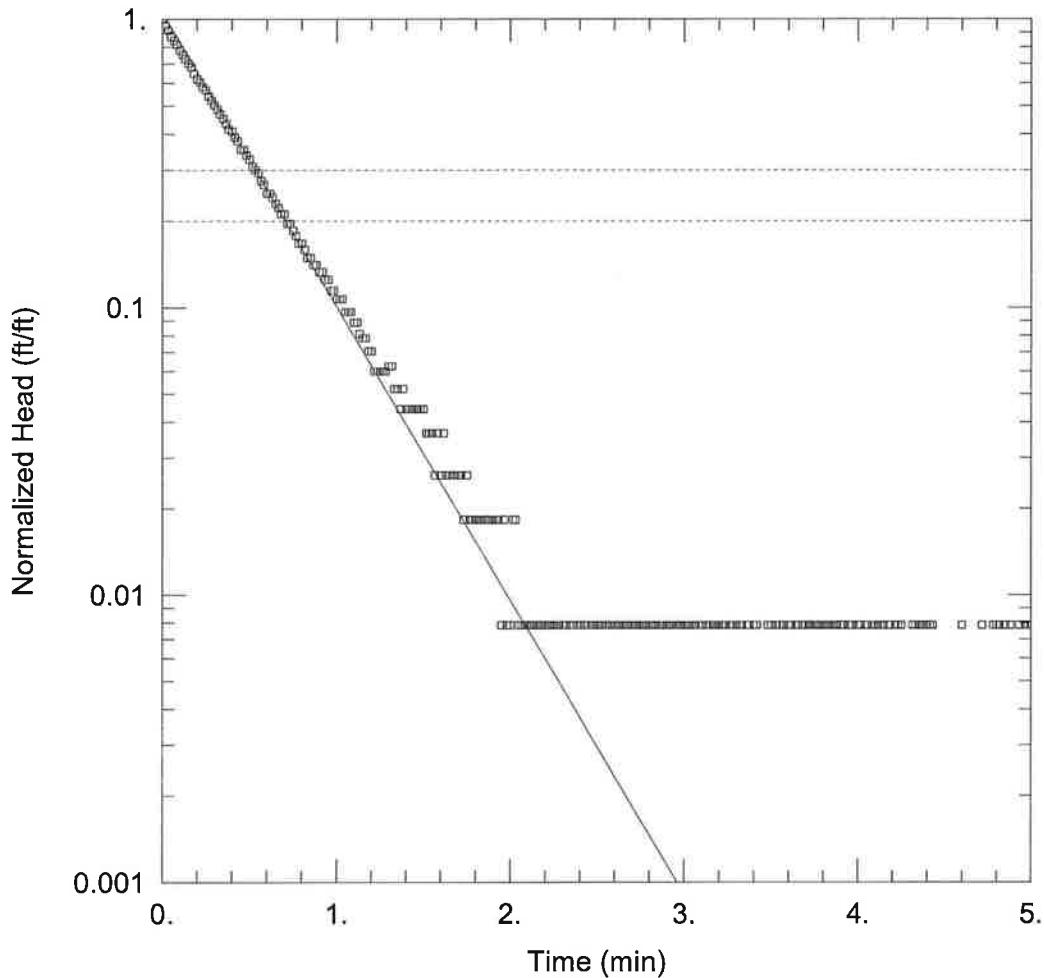
Solution Method: KGS Model

Kr = 0.003424 ft/min

Ss = 1.306E-7 ft⁻¹

Kz/Kr = 0.1





MW-28SBR (RISING HEAD, 2)

Data Set: P:\...\MW28SBRC_BR.aqt
Date: 12/27/11

Time: 18:44:31

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28SBRC
Test Date: February 9, 2011

AQUIFER DATA

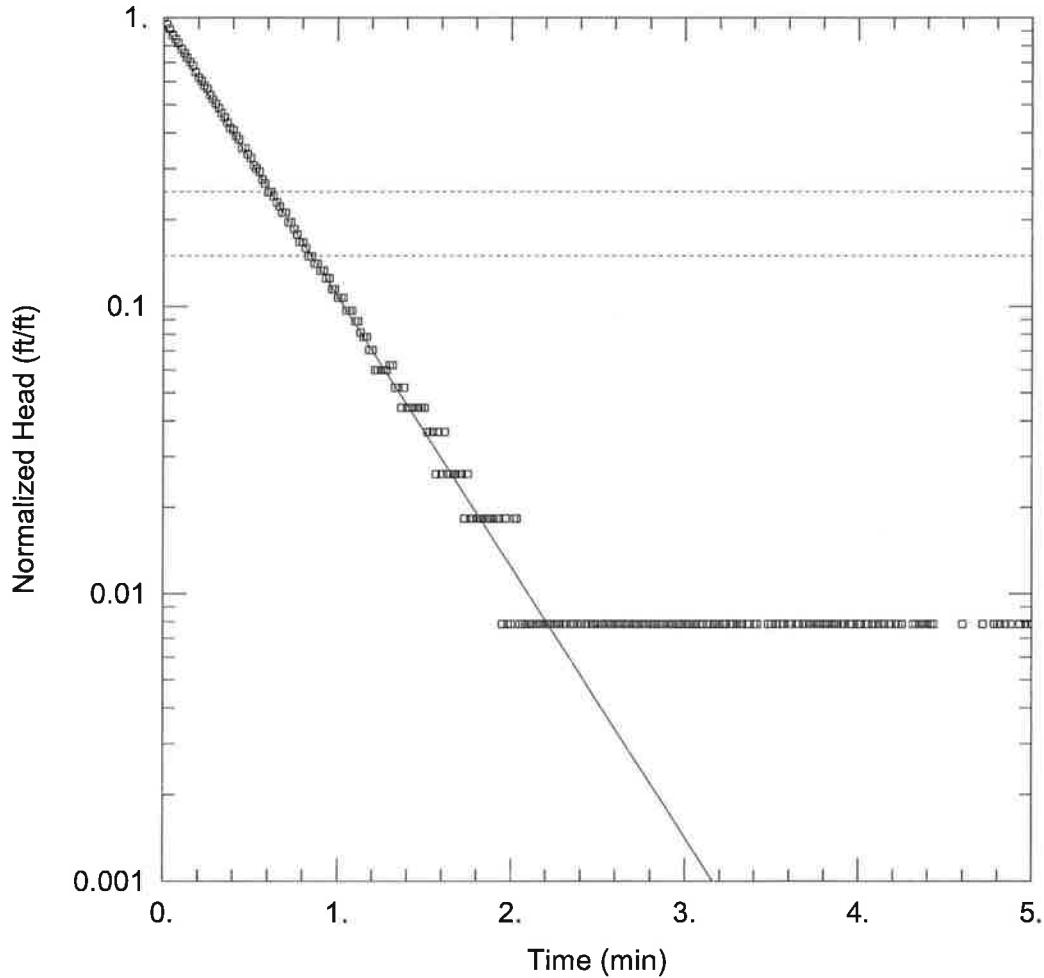
Saturated Thickness: 66.3 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28SBRC)

Initial Displacement: 1.15 ft	Static Water Column Height: 66.3 ft
Total Well Penetration Depth: 66.3 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.007105 ft/min	y0 = 1.211 ft



MW-28SBR (RISING HEAD, 2)

Data Set: P:\...\MW28SBRC_HVR.aqt
 Date: 12/27/11

Time: 18:44:57

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW28SBRC
 Test Date: February 9, 2011

AQUIFER DATA

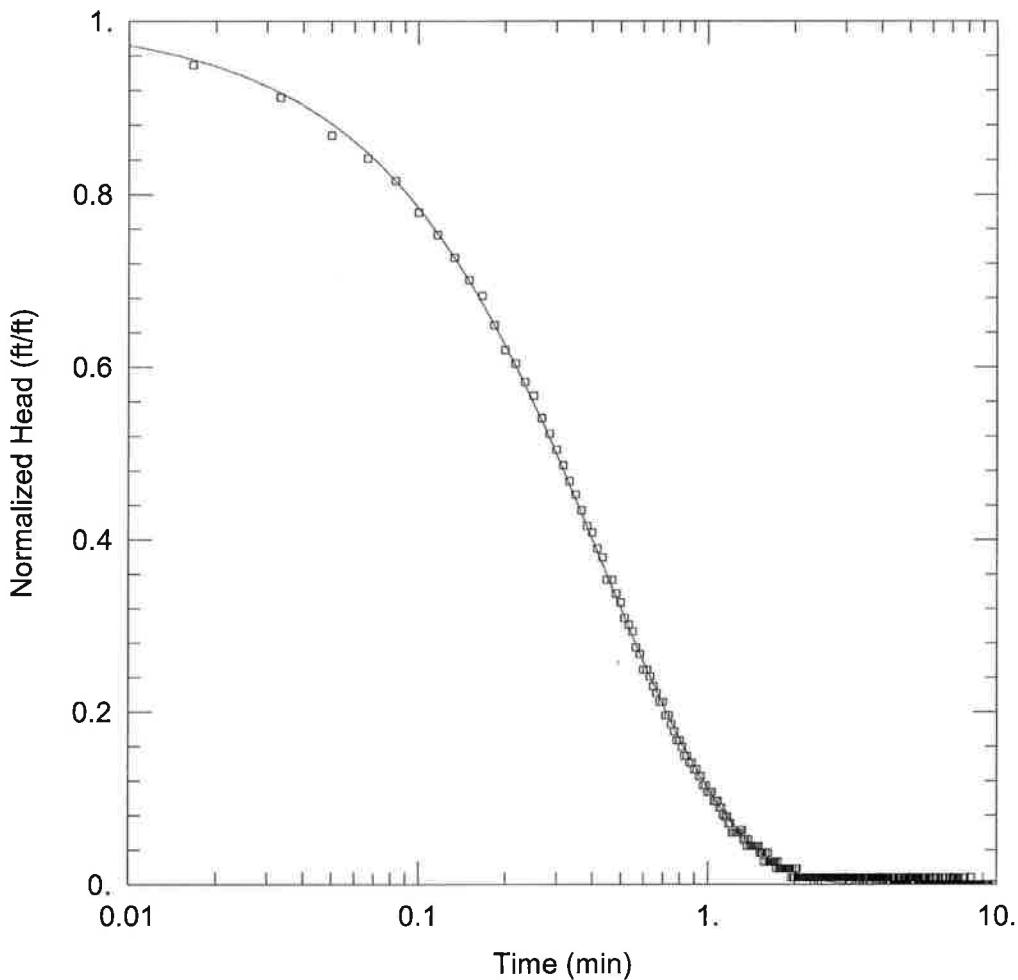
Saturated Thickness: 66.3 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW28SBRC)

Initial Displacement: 1.15 ft	Static Water Column Height: 66.3 ft
Total Well Penetration Depth: 66.3 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.007368 ft/min	y0 = 1.085 ft



MW-28SBR (RISING HEAD, 2)

Data Set: P:\...\MW28SBRC_KGS.aqt
Date: 12/27/11

Time: 18:46:11

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW28SBRC
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 66.3 ft

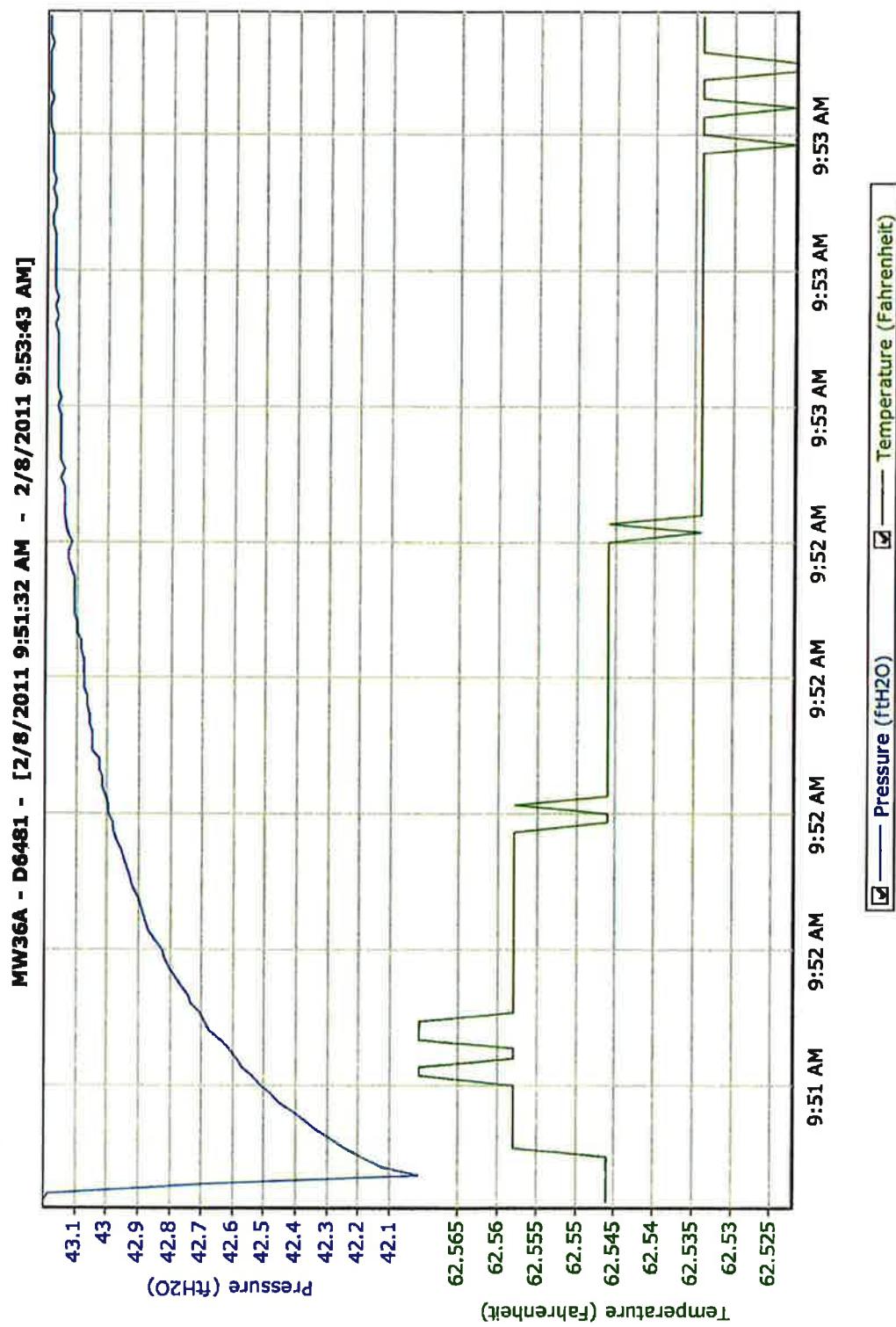
WELL DATA (MW28SBRC)

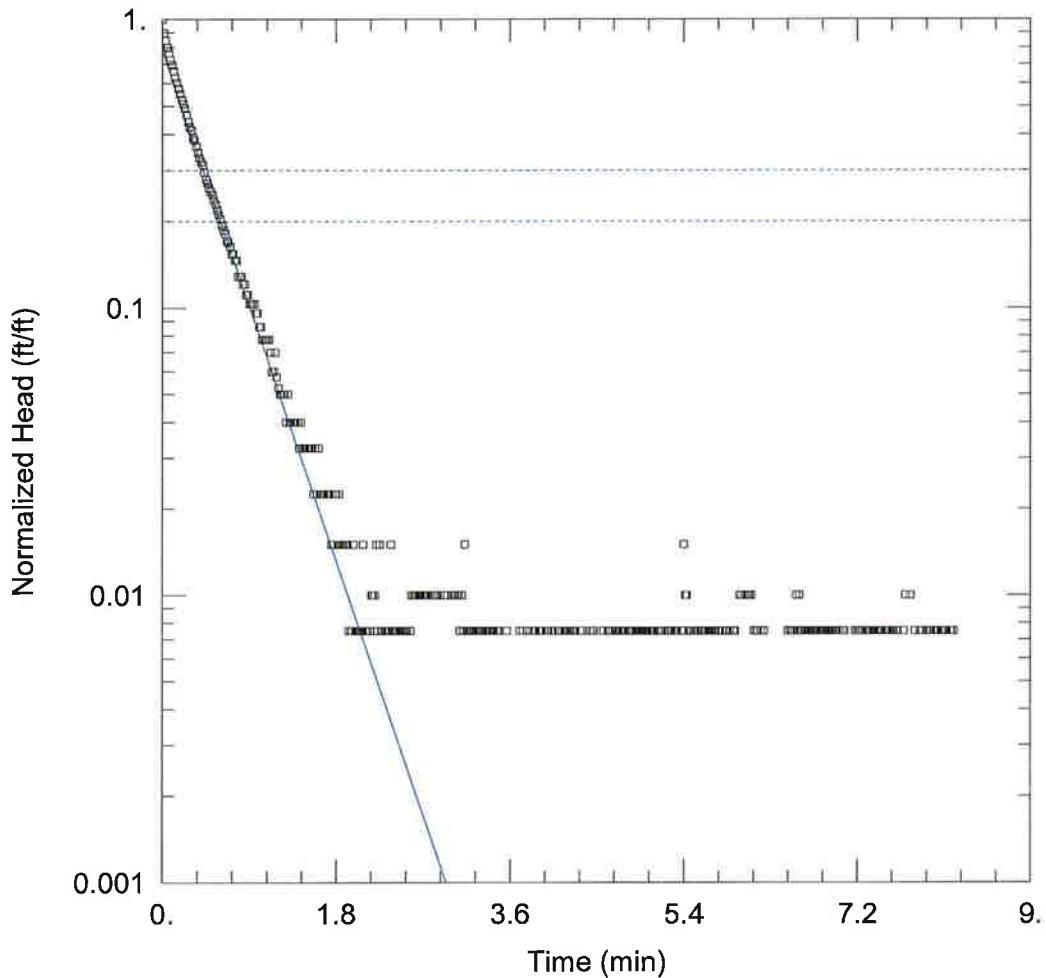
Initial Displacement: 1.15 ft	Static Water Column Height: 66.3 ft
Total Well Penetration Depth: 66.3 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.003209 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 1.083E-7 \text{ ft}^{-1}$





MW-36 (RISING HEAD)

Data Set: P:\...\mw36a_Br.aqt
Date: 12/27/11

Time: 18:52:42

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-36 SBR
Test Date: February 8, 2011

AQUIFER DATA

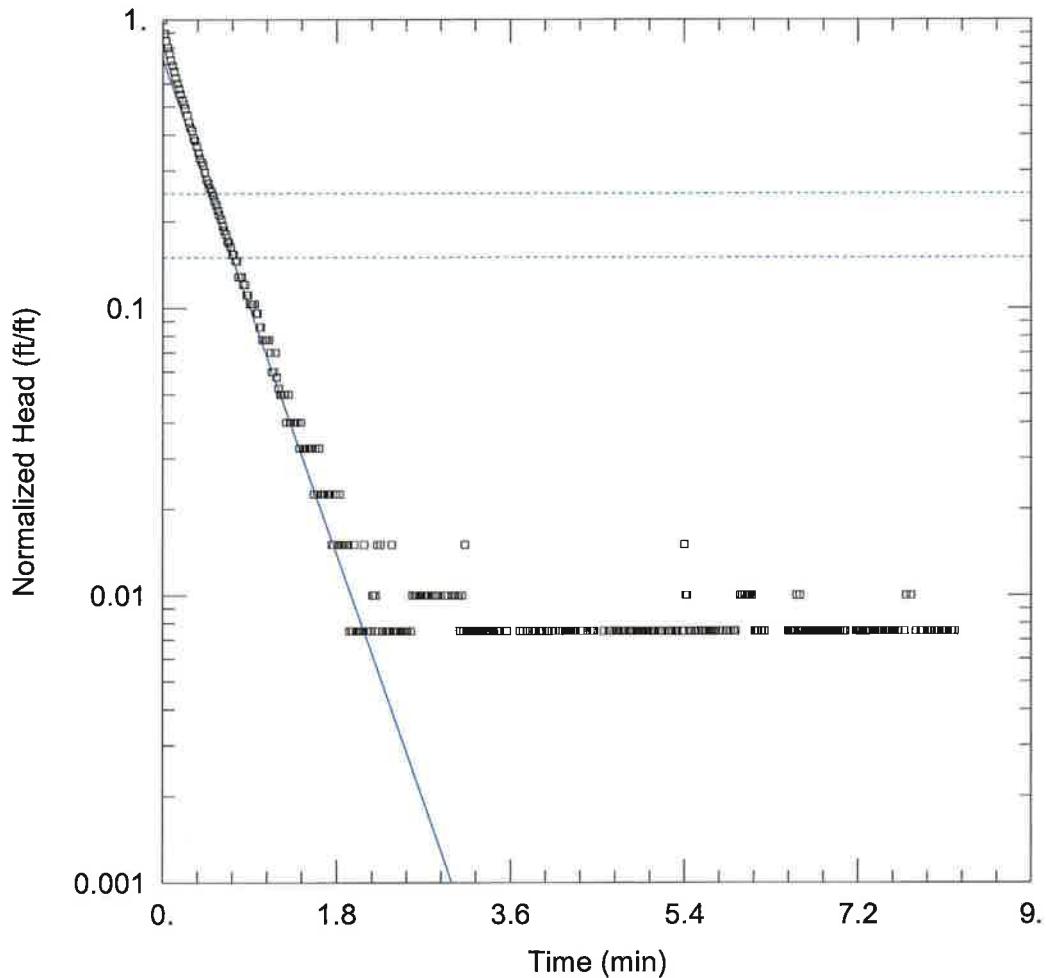
Saturated Thickness: 24.5 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-36A)

Initial Displacement: 1.2 ft	Static Water Column Height: 24.5 ft
Total Well Penetration Depth: 24.5 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.002735 ft/min	y0 = 0.9339 ft



MW-36 (RISING HEAD)

Data Set: P:\...\mw36a_hvr.aqt
 Date: 12/27/11

Time: 18:53:16

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-36 SBR
 Test Date: February 8, 2011

AQUIFER DATA

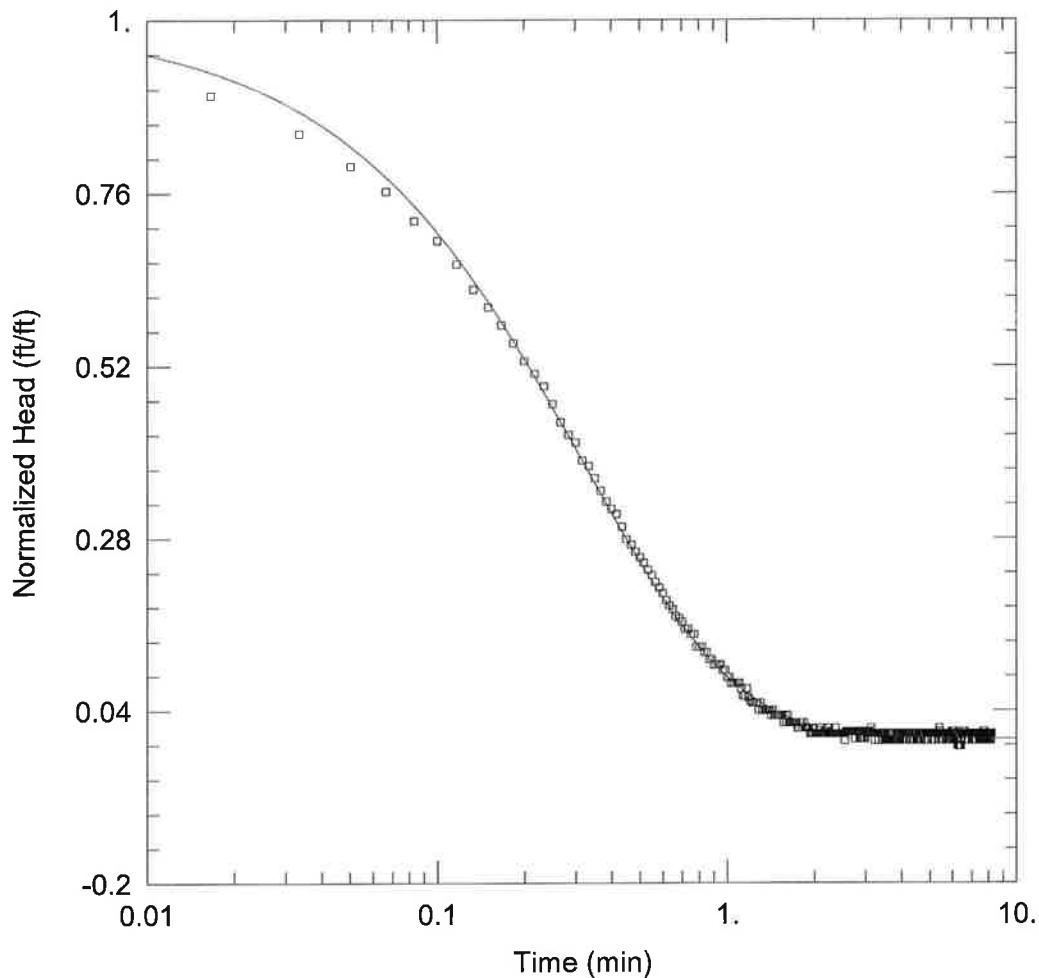
Saturated Thickness: 24.5 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-36A)

Initial Displacement: 1.2 ft	Static Water Column Height: 24.5 ft
Total Well Penetration Depth: 24.5 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.003384 ft/min	y0 = 0.8766 ft



MW-36 (RISING HEAD)

Data Set: P:\...\mw36a_KGS.aqt
Date: 12/27/11

Time: 18:54:48

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-36 SBR
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

WELL DATA (MW-36A)

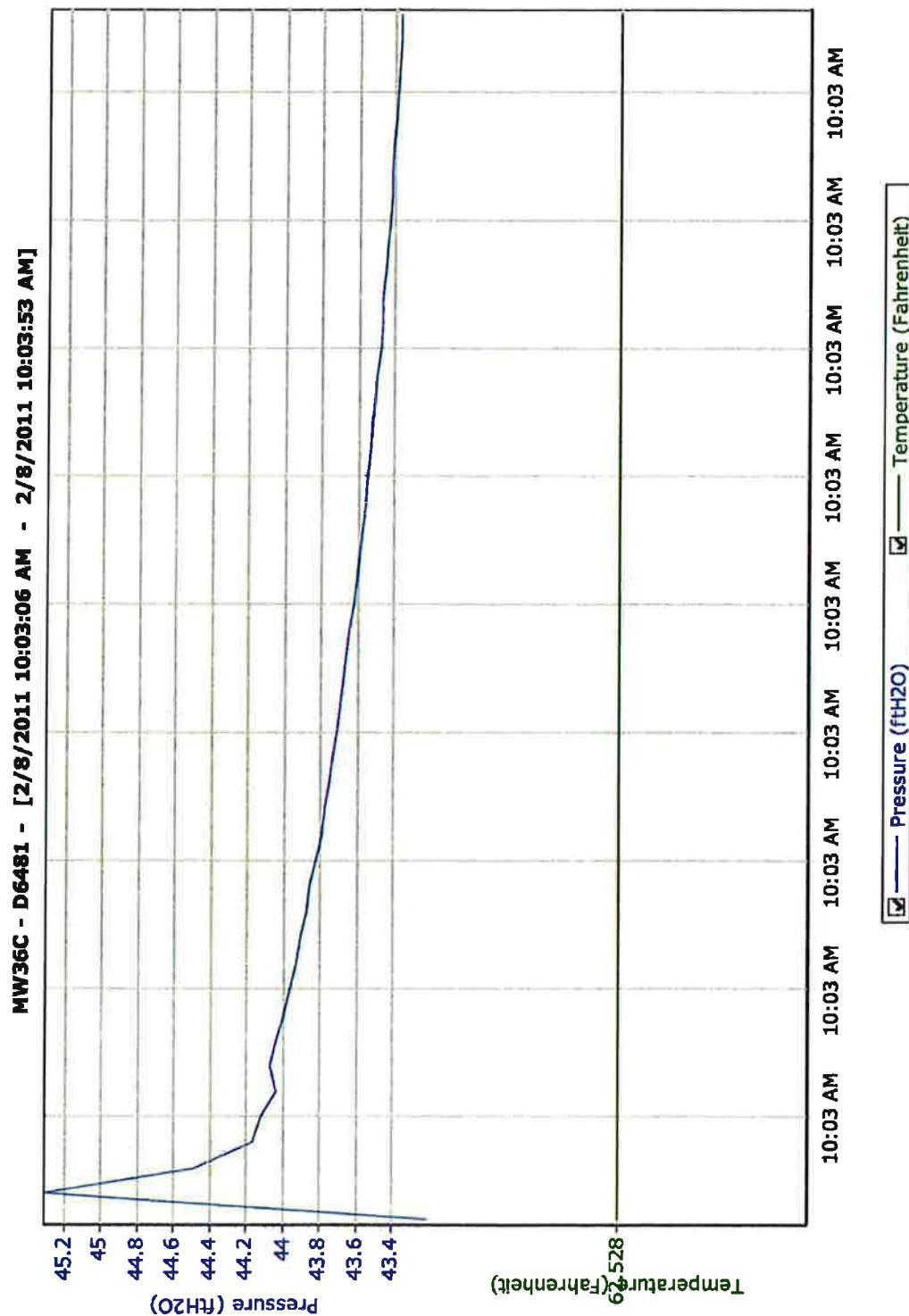
Initial Displacement: 1.2 ft
Total Well Penetration Depth: 24.5 ft
Casing Radius: 0.0833 ft

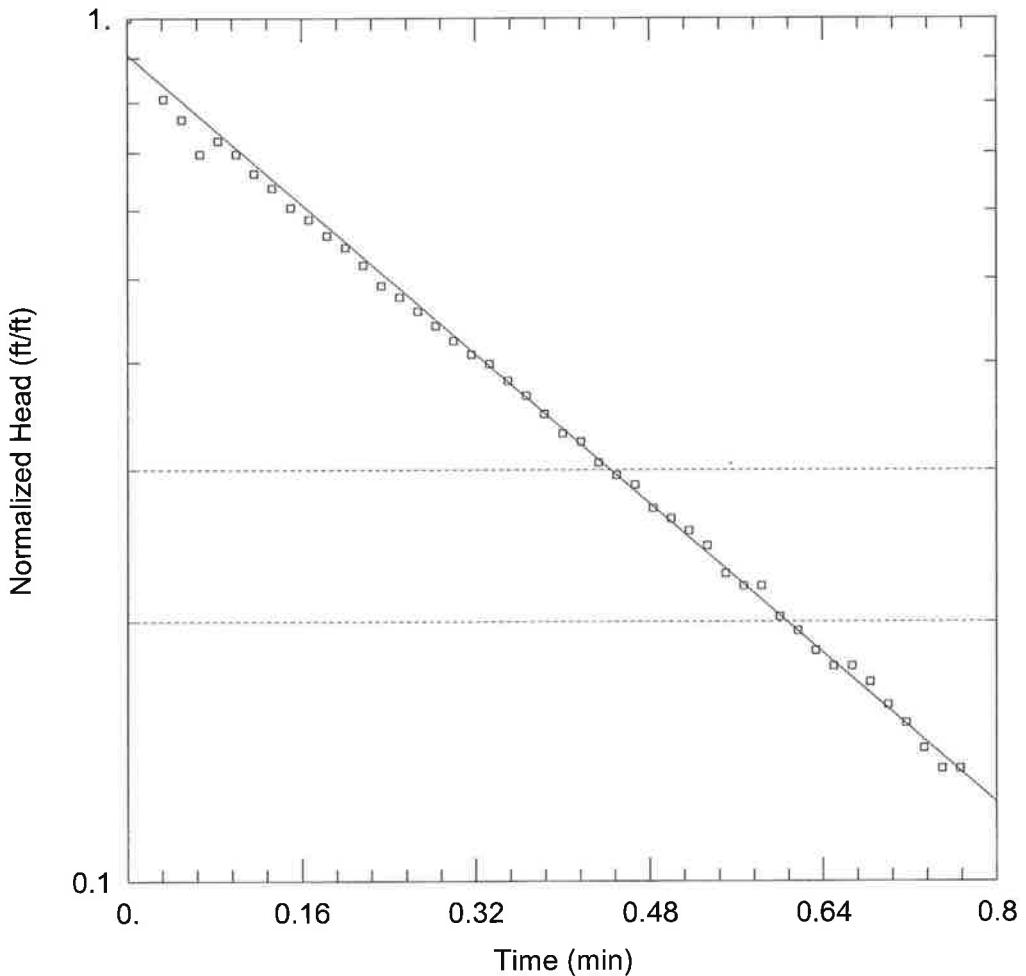
Static Water Column Height: 24.5 ft
Screen Length: 10. ft
Well Radius: 0.167 ft

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.003525 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 4.496E-6 \text{ ft}^{-1}$





WELL TEST ANALYSIS

Data Set: P:\...\MW36C_BR.aqt
 Date: 12/27/11

Time: 18:56:40

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-36 SBR
 Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW36C)

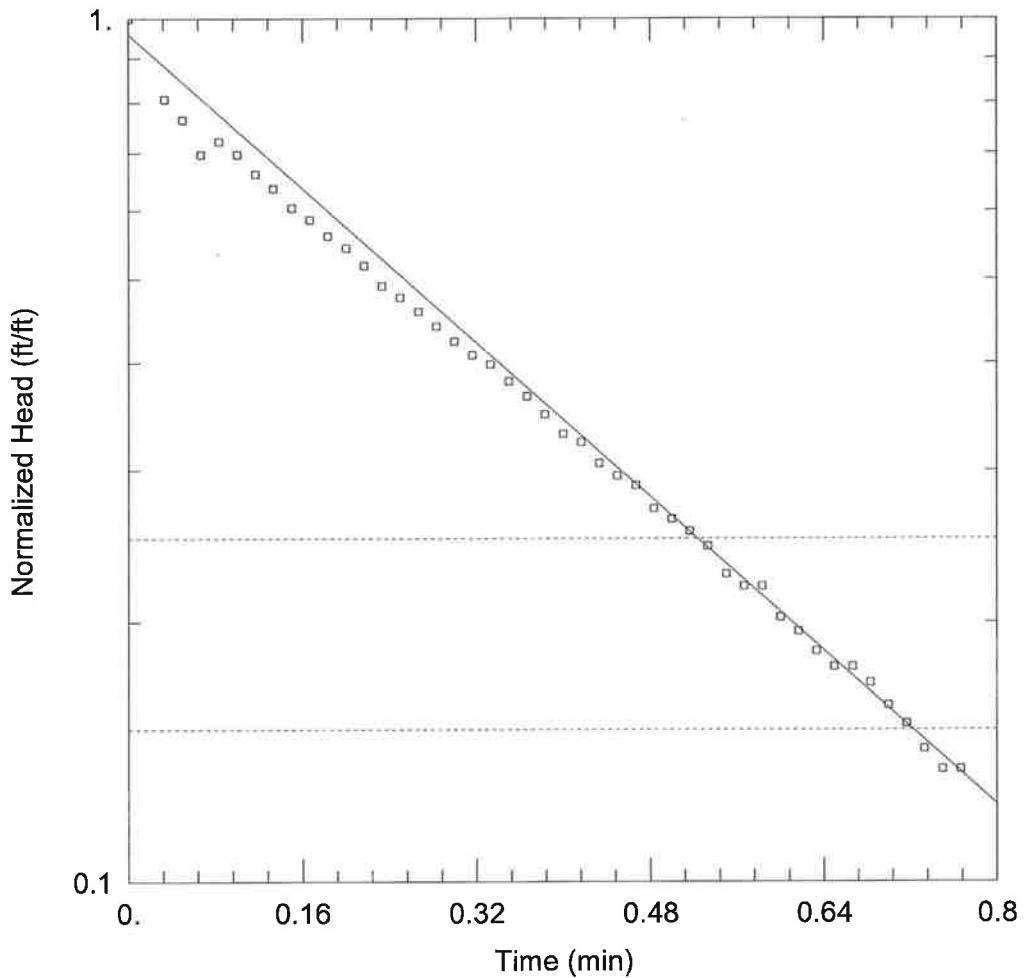
Initial Displacement: 1.2 ft
 Total Well Penetration Depth: 24.5 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 24.5 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.006667 \text{ ft/min}$

Solution Method: Bouwer-Rice
 $y_0 = 1.09 \text{ ft}$



WELL TEST ANALYSIS

Data Set: P:\...\MW36C_HVR.aqt
Date: 12/27/11

Time: 18:57:12

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-36 SBR
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW36C)

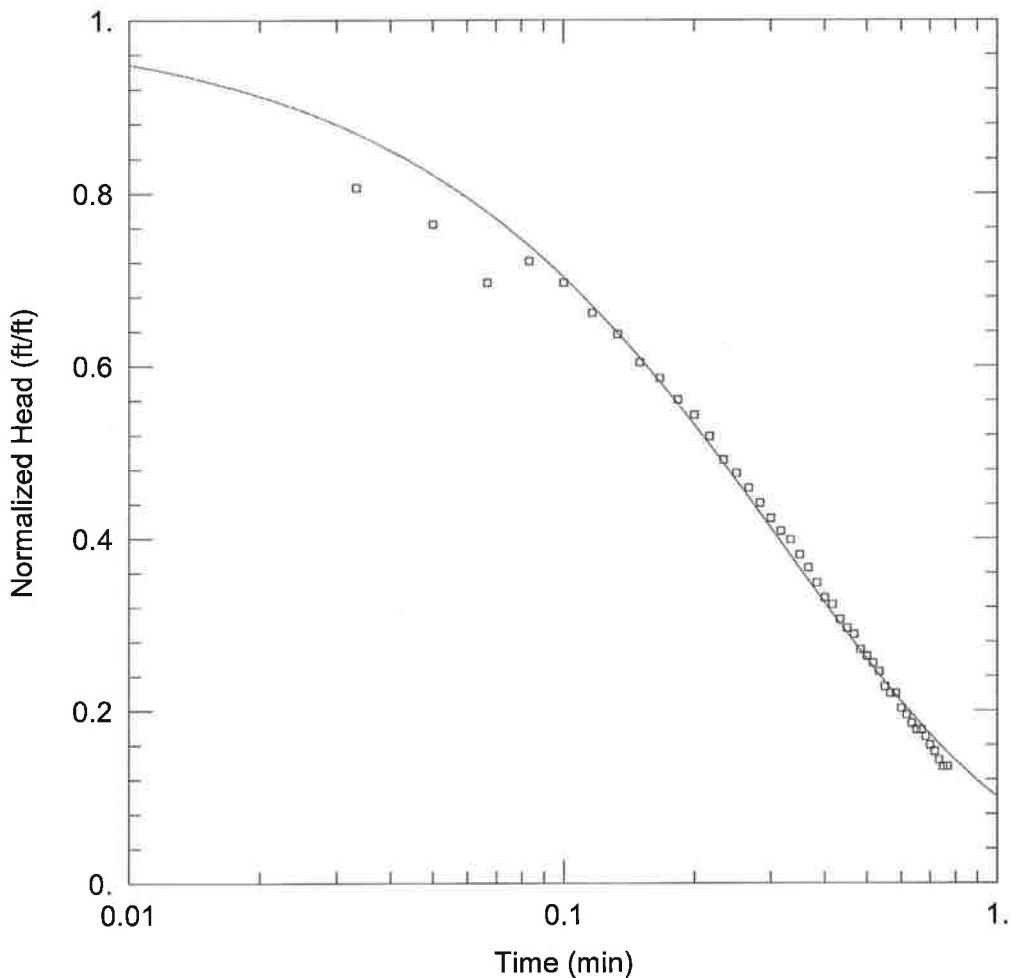
Initial Displacement: 1.2 ft
Total Well Penetration Depth: 24.5 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 24.5 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.008737 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 1.152 \text{ ft}$



WELL TEST ANALYSIS

Data Set: P:\...\MW36C_KGS.aqt
 Date: 12/27/11

Time: 18:58:07

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-36 SBR
 Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

WELL DATA (MW36C)

Initial Displacement: 1.2 ft
 Total Well Penetration Depth: 24.5 ft
 Casing Radius: 0.0833 ft

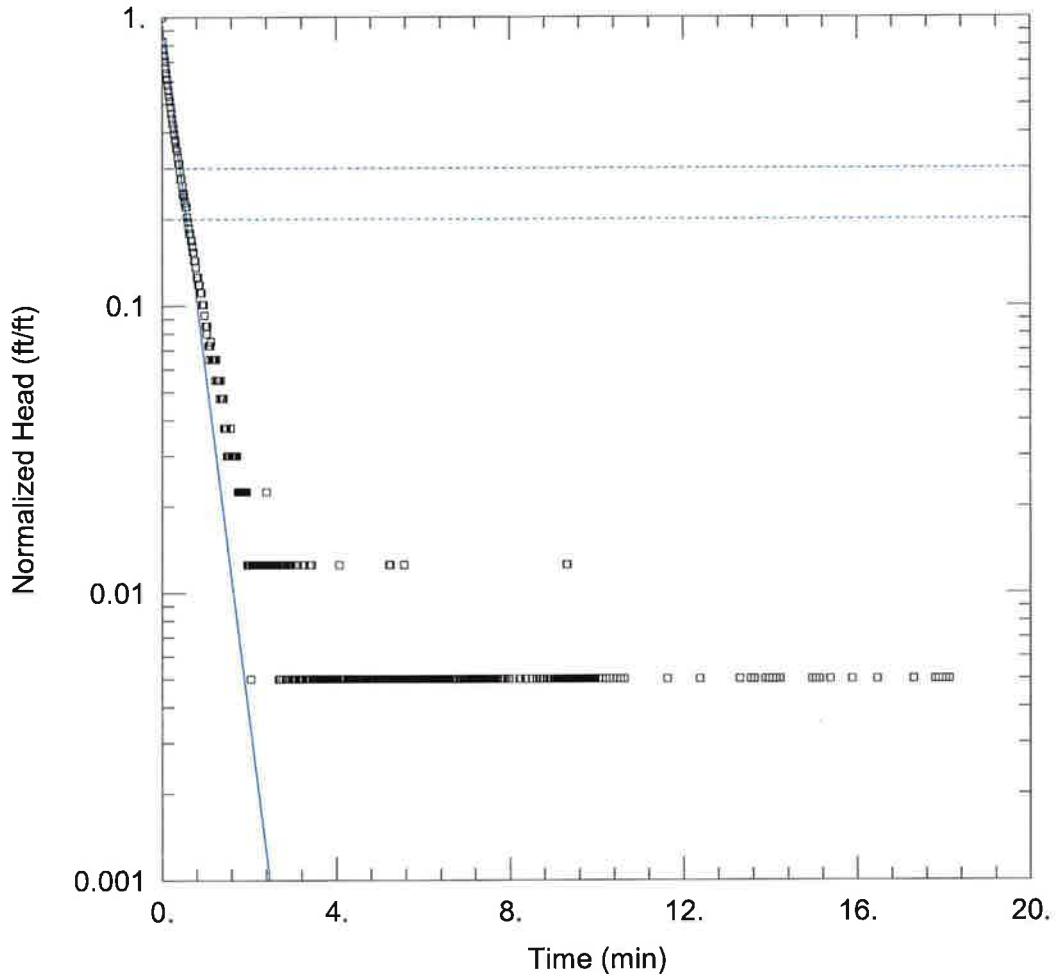
Static Water Column Height: 24.5 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.00313 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 1.157E-5 \text{ ft}^{-1}$





WELL TEST ANALYSIS

Data Set: P:\...\MW36D_BR.aqt

Date: 12/27/11

Time: 19:03:22

PROJECT INFORMATION

Company: URS Corporation

Client: C&D Technologies

Project: 20500332

Location: Conyers, GA

Test Well: MW-36 SBR

Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW36D)

Initial Displacement: 1.2 ft

Static Water Column Height: 24.5 ft

Total Well Penetration Depth: 24.5 ft

Screen Length: 10. ft

Casing Radius: 0.0833 ft

Well Radius: 0.167 ft

Gravel Pack Porosity: 0.3

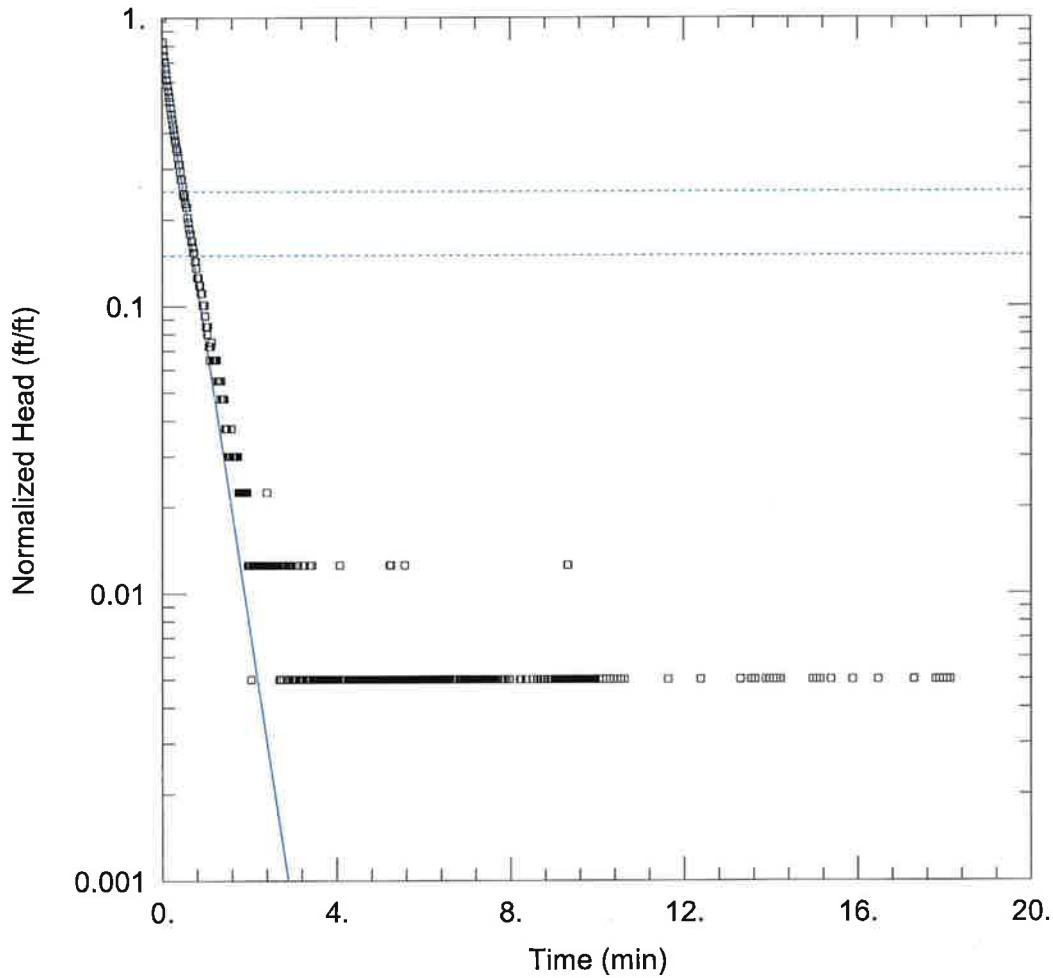
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.007385 ft/min

y0 = 1.134 ft



WELL TEST ANALYSIS

Data Set: P:\...\MW36D_HVR.aqt
Date: 12/27/11

Time: 19:03:55

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-36 SBR
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW36D)

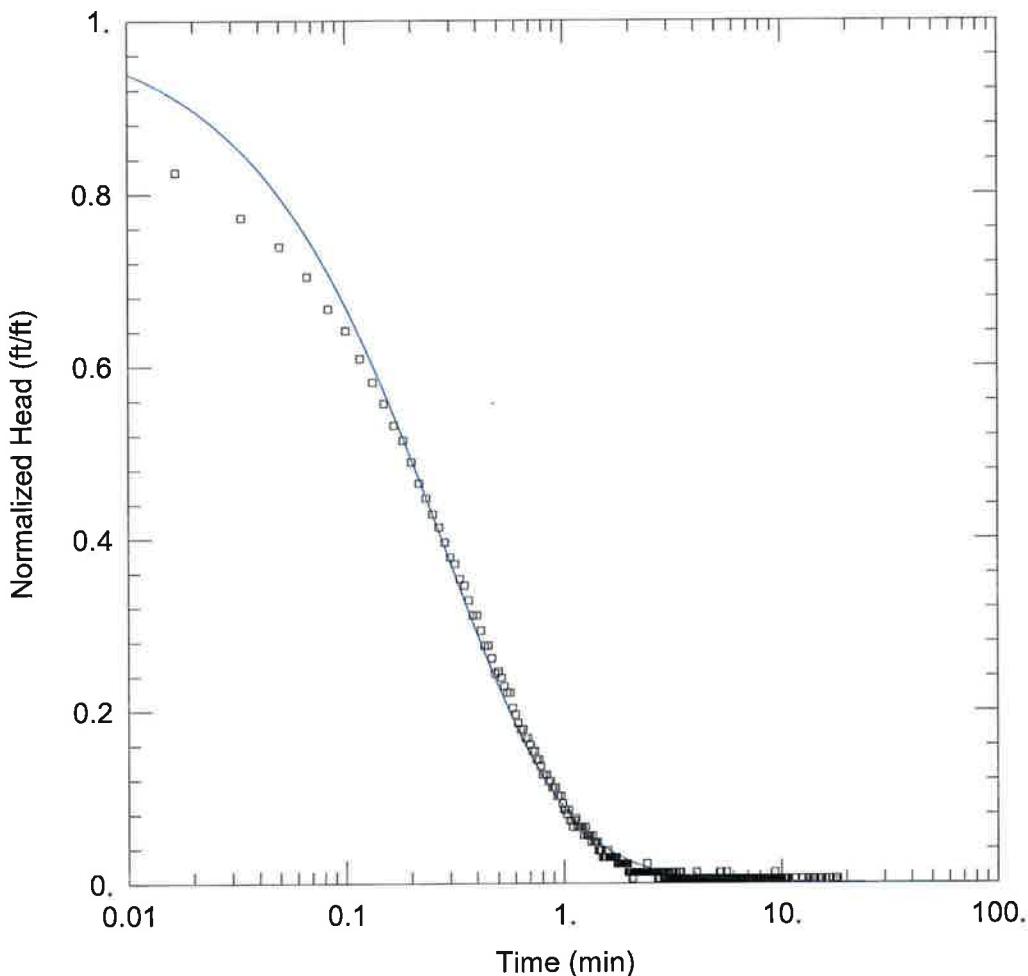
Initial Displacement: 1.2 ft
Total Well Penetration Depth: 24.5 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 24.5 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.007785 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 0.8931 \text{ ft}$



WELL TEST ANALYSIS

Data Set: P:\...\MW36D_KGS.aqt
 Date: 12/27/11

Time: 19:05:04

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-36 SBR
 Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 24.5 ft

WELL DATA (MW36D)

Initial Displacement: <u>1.2 ft</u>	Static Water Column Height: <u>24.5 ft</u>
Total Well Penetration Depth: <u>24.5 ft</u>	Screen Length: <u>10. ft</u>
Casing Radius: <u>0.0833 ft</u>	Well Radius: <u>0.167 ft</u>
	Gravel Pack Porosity: <u>0.3</u>

SOLUTION

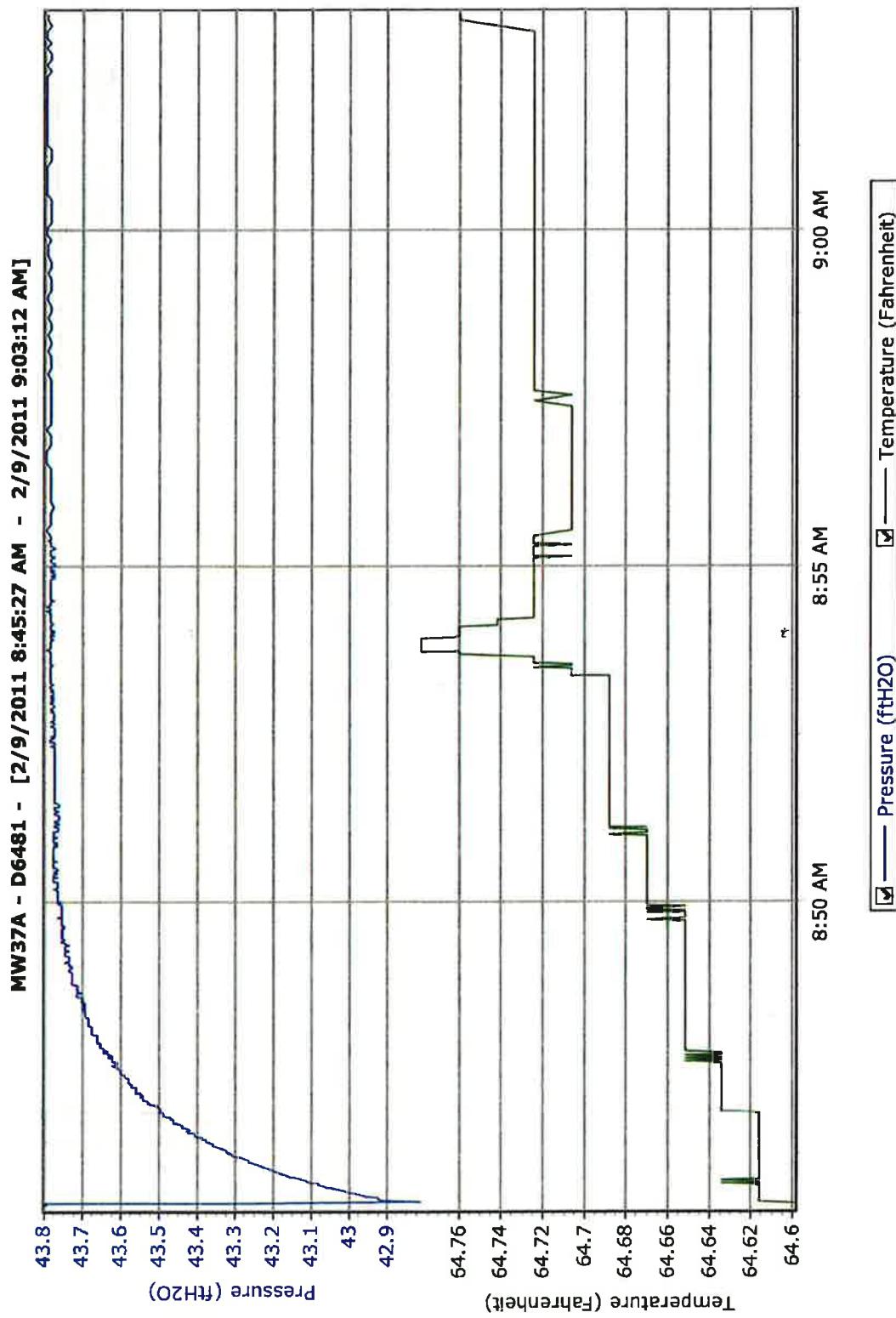
Aquifer Model: Unconfined

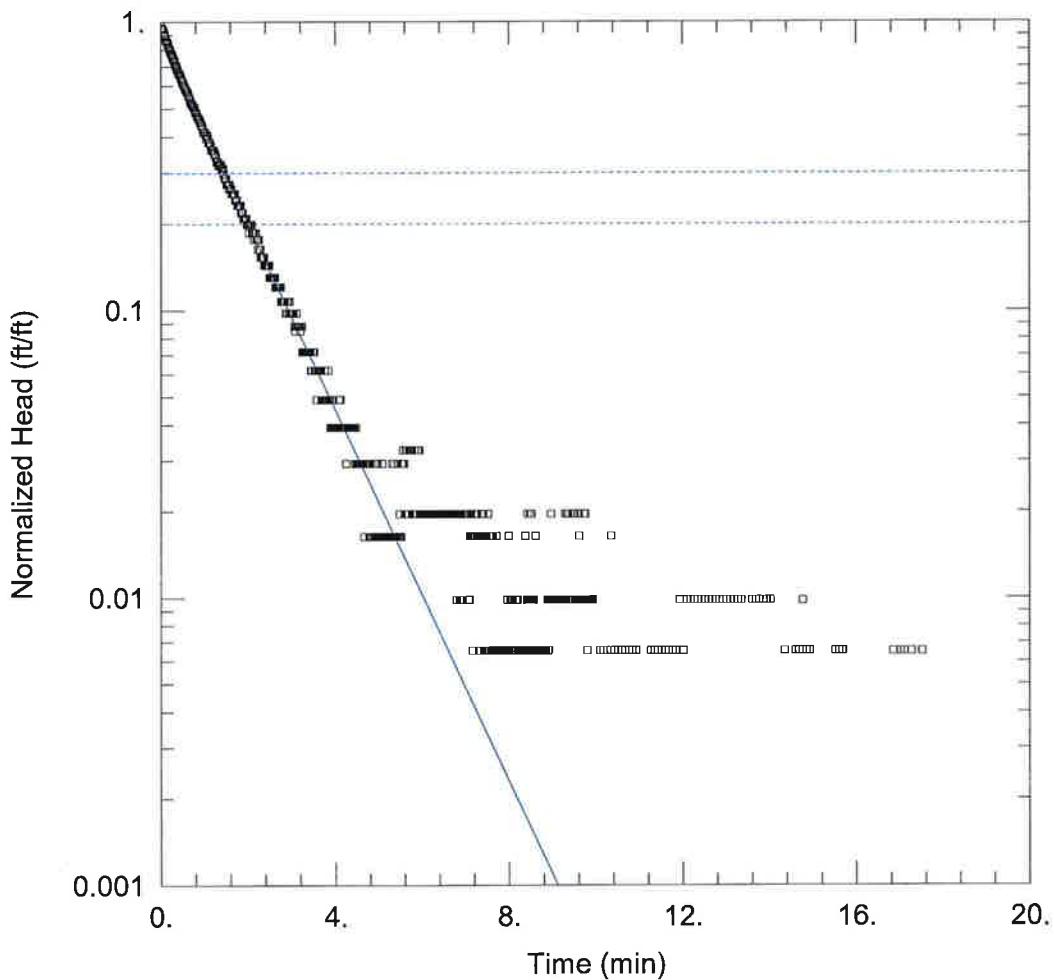
Solution Method: KGS Model

$K_r = 0.003247 \text{ ft/min}$

$S_s = 2.463E-5 \text{ ft}^{-1}$

$K_z/K_r = 0.1$





MW37SBR (RISING HEAD)

Data Set: P:\...\MW37A_BR.aqt
 Date: 12/28/11

Time: 10:59:06

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-37A
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 32.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW37A)

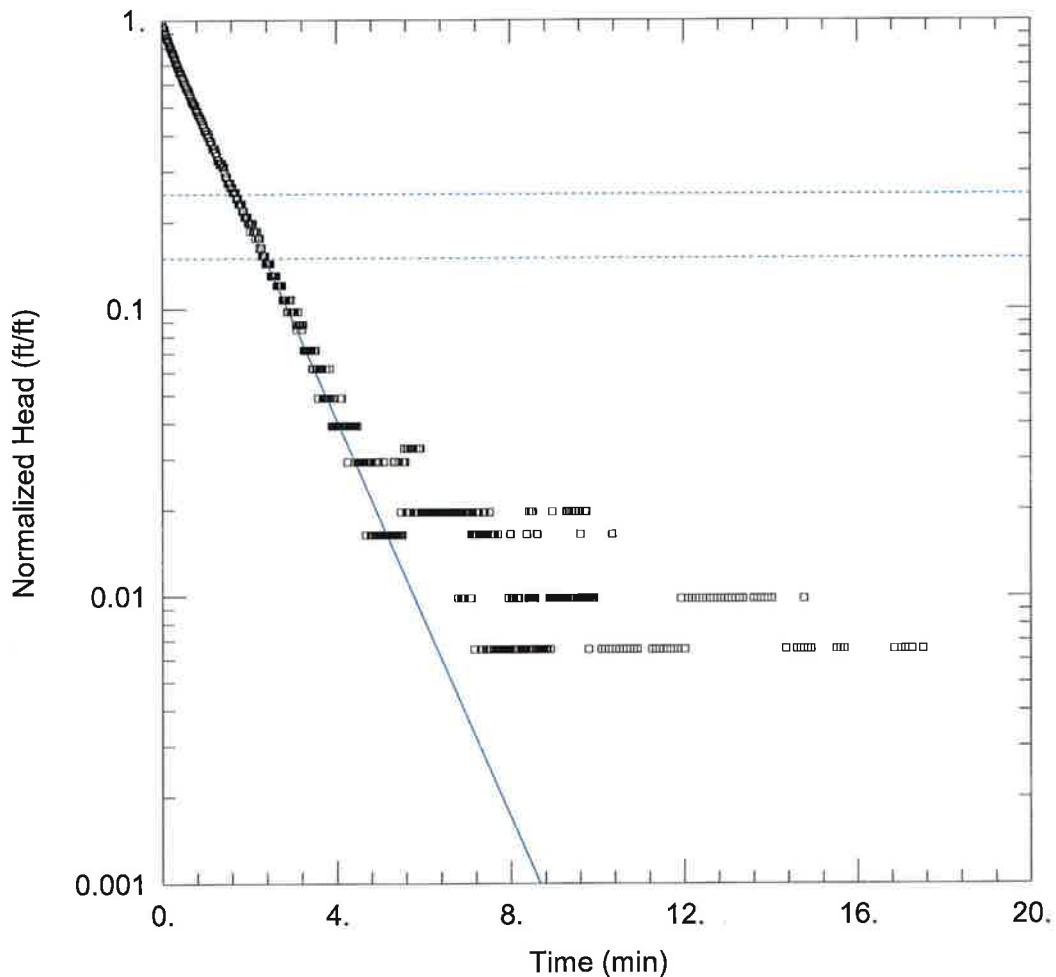
Initial Displacement: 0.92 ft
 Total Well Penetration Depth: 32.5 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 32.5 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.002064 \text{ ft/min}$

Solution Method: Bouwer-Rice
 $y_0 = 0.8157 \text{ ft}$



MW37SBR (RISING HEAD)

Data Set: P:\...\MW37A_HVR.aqt
Date: 12/28/11

Time: 10:59:37

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-37A
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 32.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW37A)

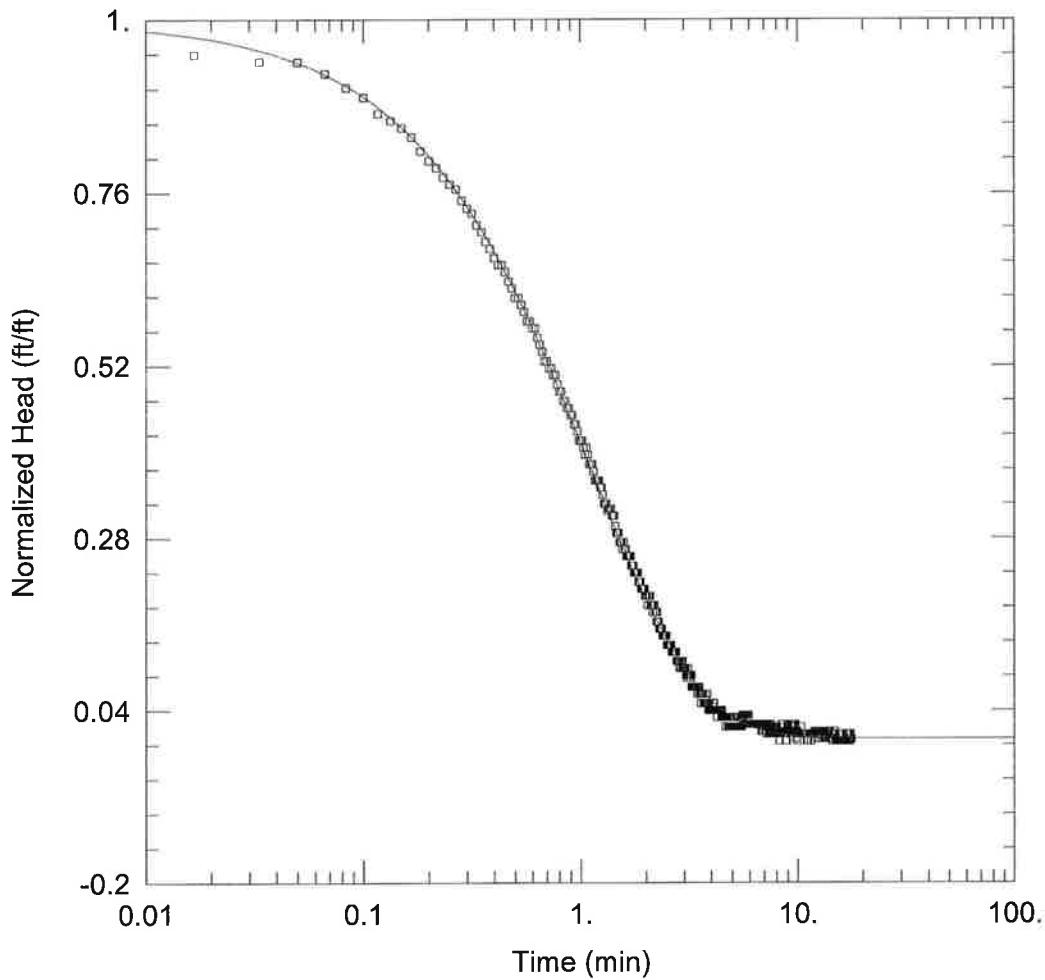
Initial Displacement: 0.92 ft
Total Well Penetration Depth: 32.5 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 32.5 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.002698 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 0.8977 \text{ ft}$



MW37SBR (RISING HEAD)

Data Set: P:\...\MW37A_KGS.aqt
Date: 12/28/11

Time: 11:00:56

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-37A
Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 32.5 ft

WELL DATA (MW37A)

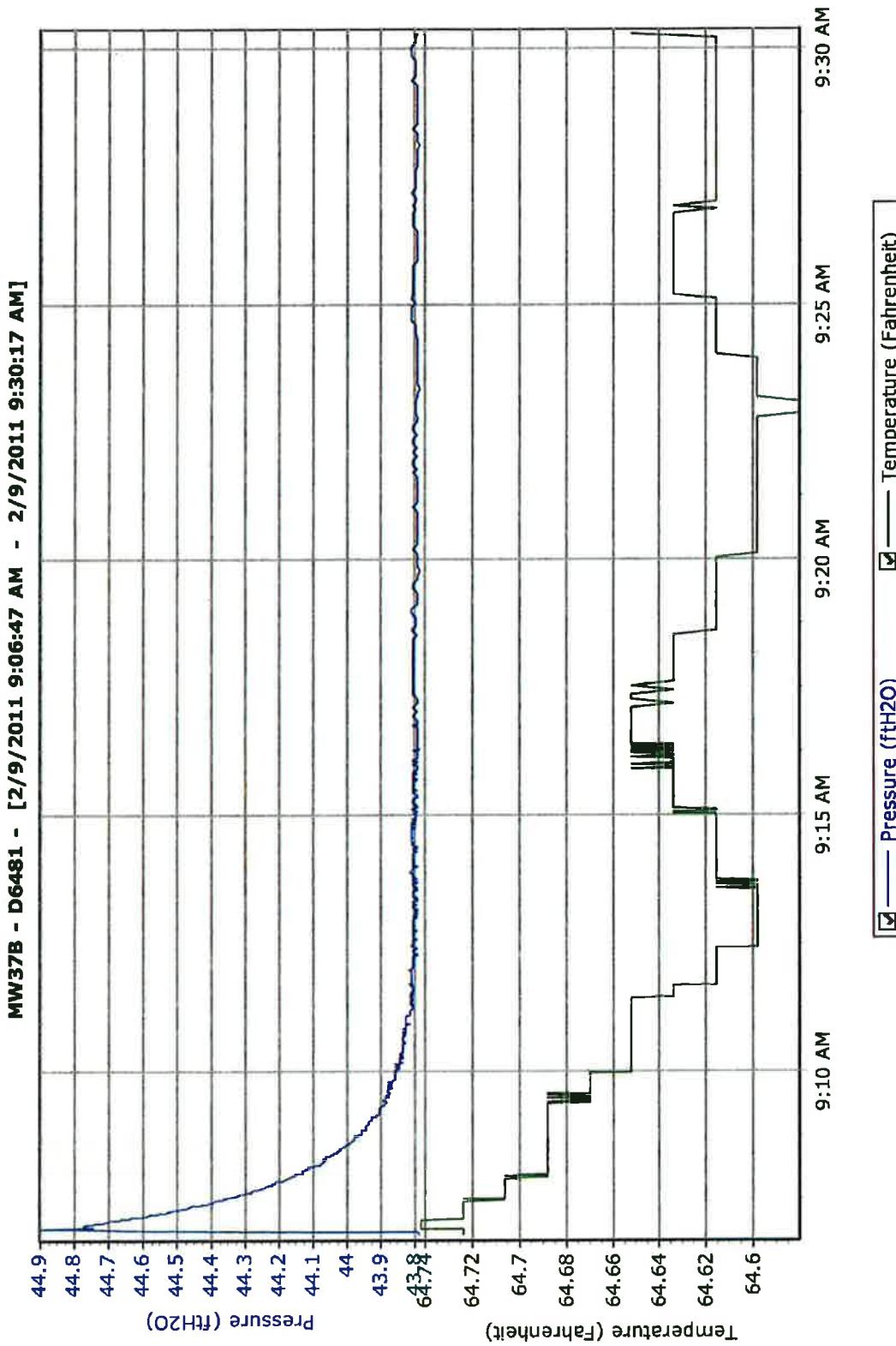
Initial Displacement: 0.92 ft
Total Well Penetration Depth: 32.5 ft
Casing Radius: 0.0833 ft

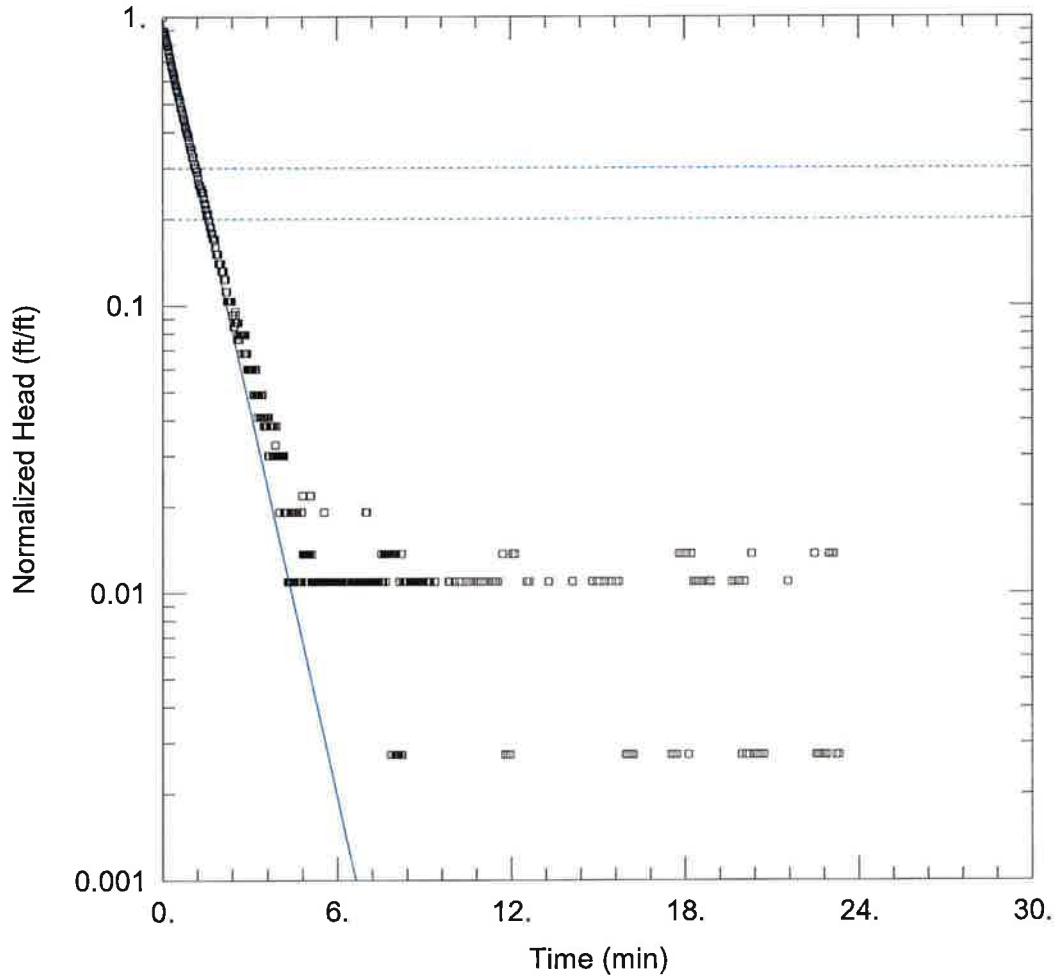
Static Water Column Height: 32.5 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.001118 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 1.492E-6 \text{ ft}^{-1}$





MW37SBR (FALLING HEAD)

Data Set: P:\...\MW37B_BR.aqt
Date: 12/28/11

Time: 11:02:25

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-37B
Test Date: February 9, 2011

AQUIFER DATA

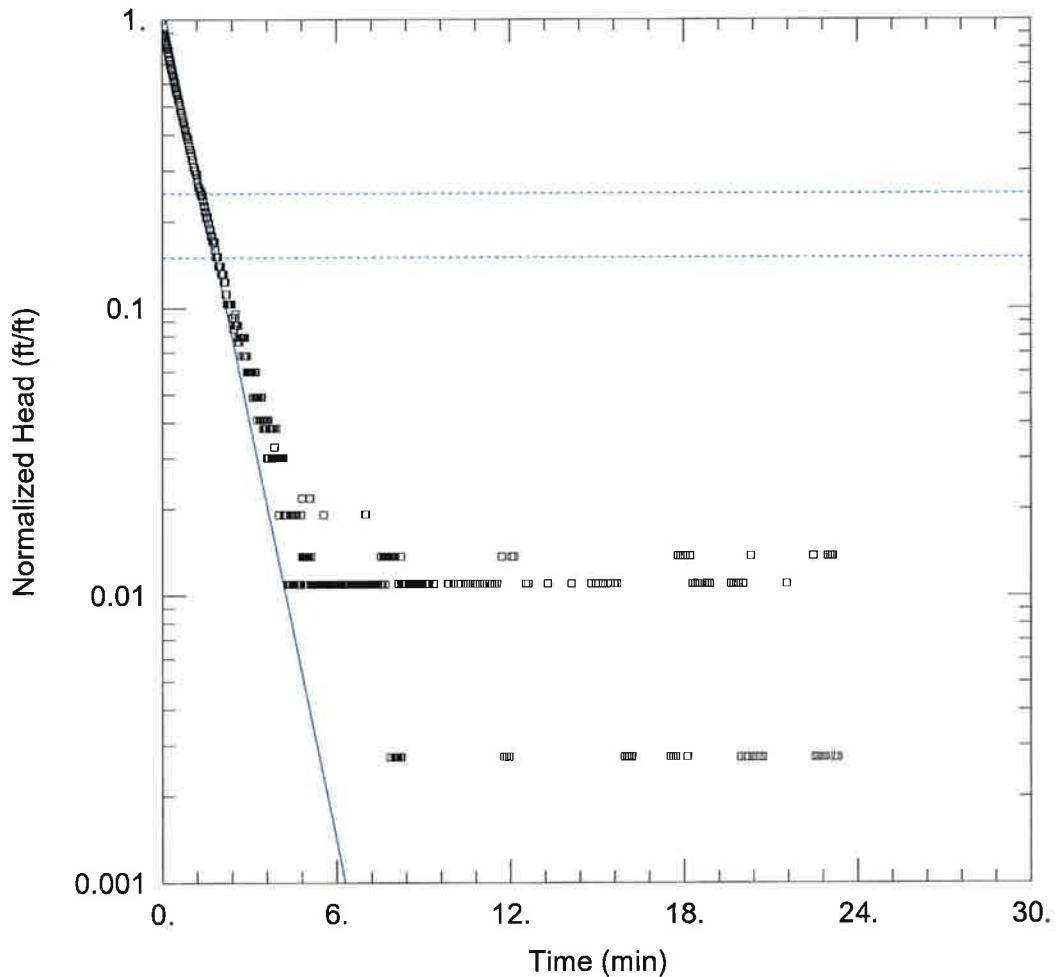
Saturated Thickness: 32.5 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW37B)

Initial Displacement: 1.1 ft	Static Water Column Height: 32.5 ft
Total Well Penetration Depth: 32.5 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.002875 ft/min	y0 = 1.082 ft



MW37SBR (FALLING HEAD)

Data Set: P:\...\MW37B_HVR.aqt
 Date: 12/28/11

Time: 11:02:53

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-37B
 Test Date: February 9, 2011

AQUIFER DATA

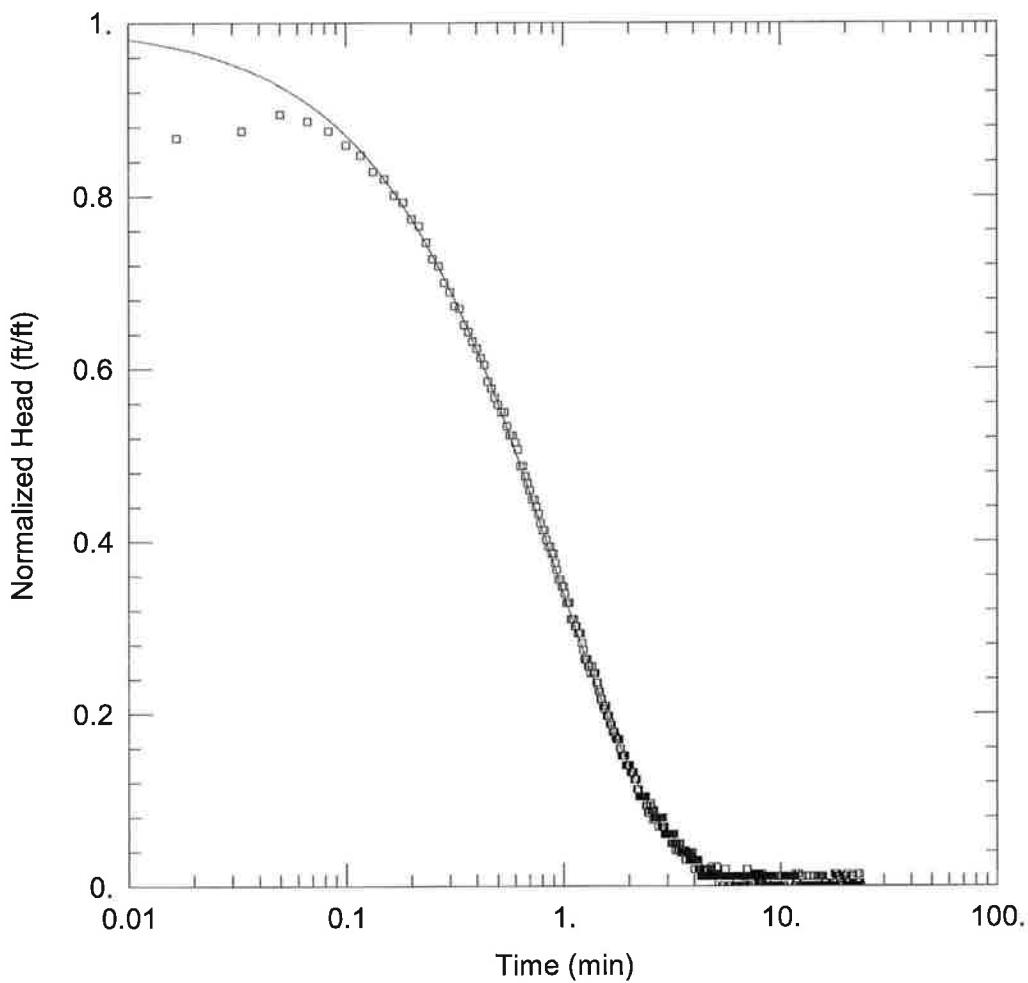
Saturated Thickness: 32.5 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW37B)

Initial Displacement: 1.1 ft	Static Water Column Height: 32.5 ft
Total Well Penetration Depth: 32.5 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.003805 ft/min	y0 = 1.277 ft



MW37SBR (FALLING HEAD)

Data Set: P:\...\MW37B_KGS.aqt
 Date: 12/28/11

Time: 11:03:53

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-37B
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 32.5 ft

WELL DATA (MW37B)

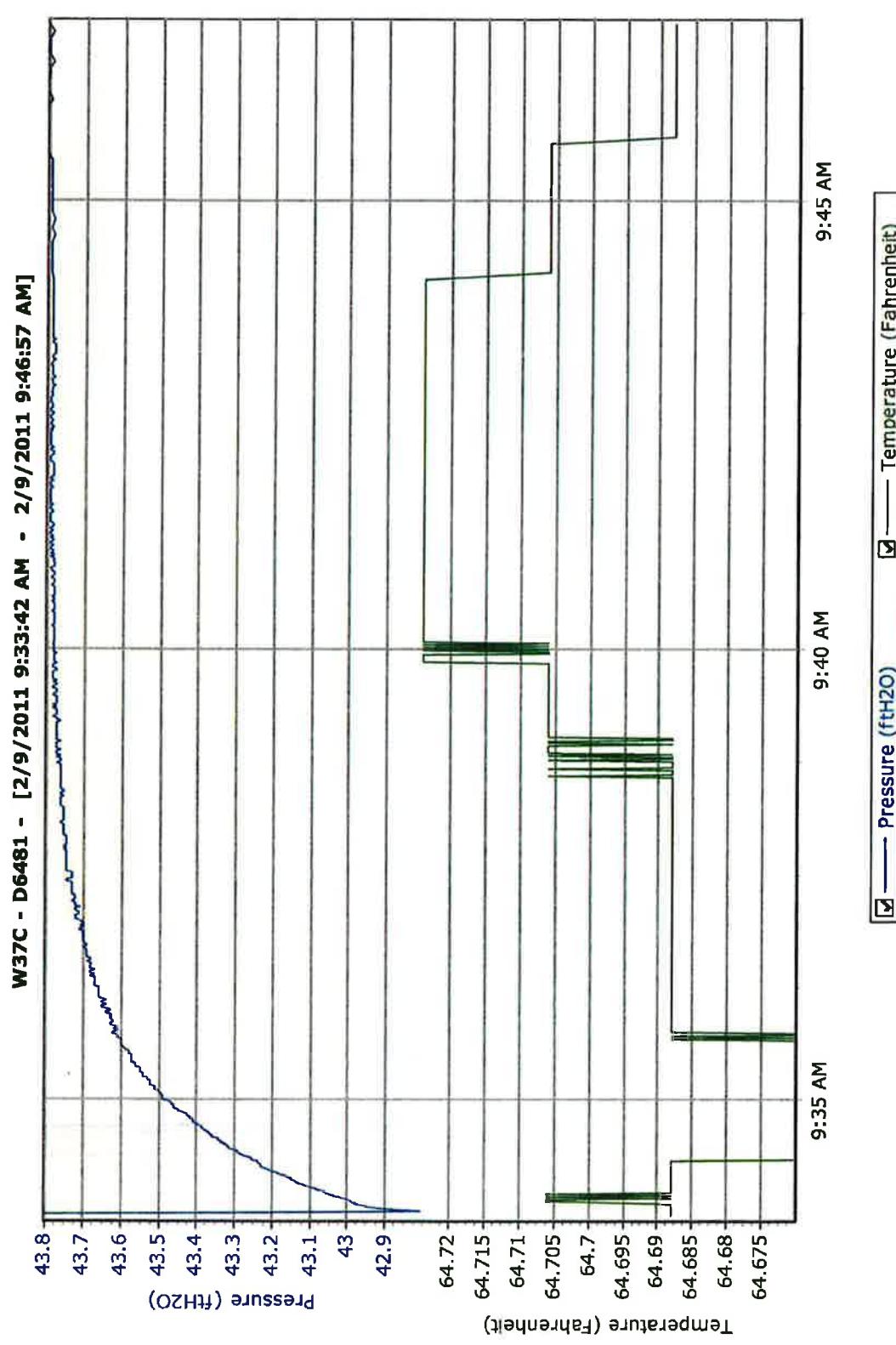
Initial Displacement: 1.1 ft
 Total Well Penetration Depth: 32.5 ft
 Casing Radius: 0.0833 ft

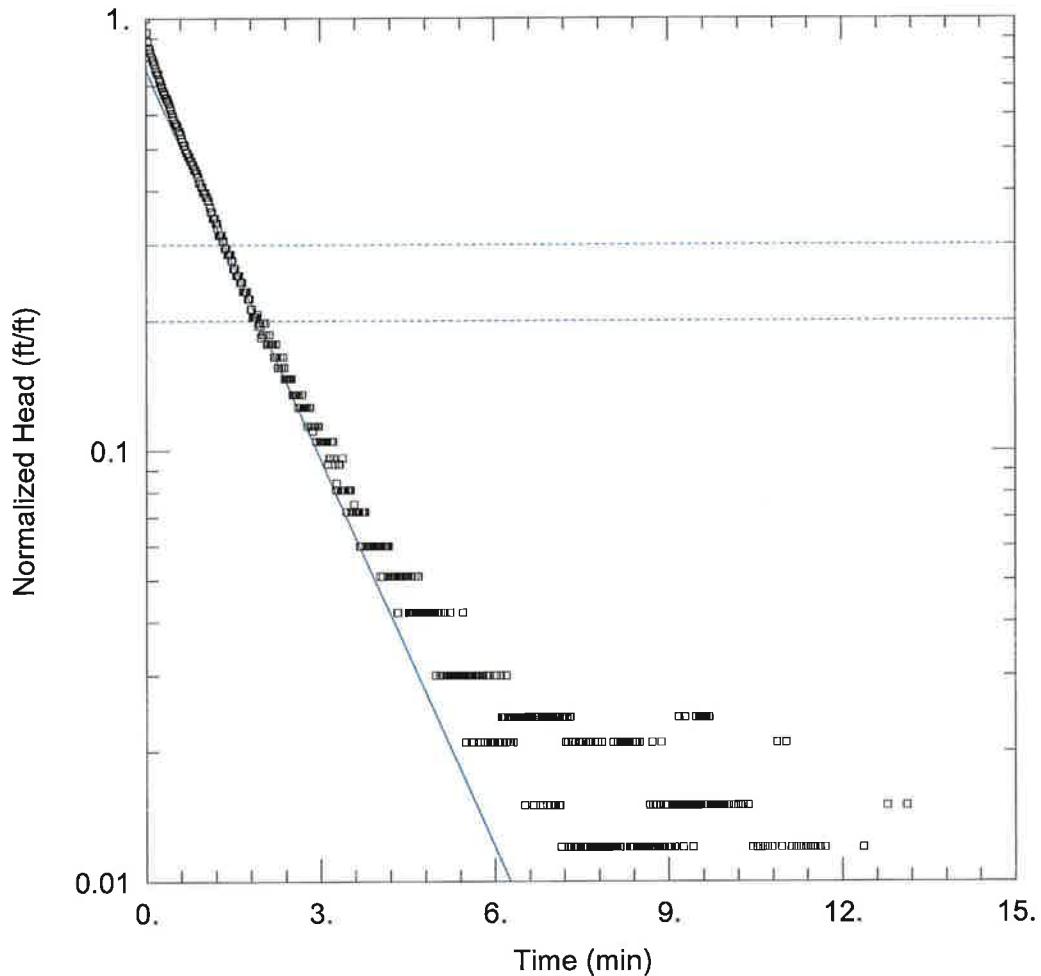
Static Water Column Height: 32.5 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.001389 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 1.69E-6 \text{ ft}^{-1}$





MW37SBR (RISING HEAD)

Data Set: P:\...\MW37C_BR.aqt
Date: 12/28/11

Time: 11:05:09

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 20500332
Location: Conyers, GA
Test Well: MW-37C
Test Date: February 9, 2011

AQUIFER DATA

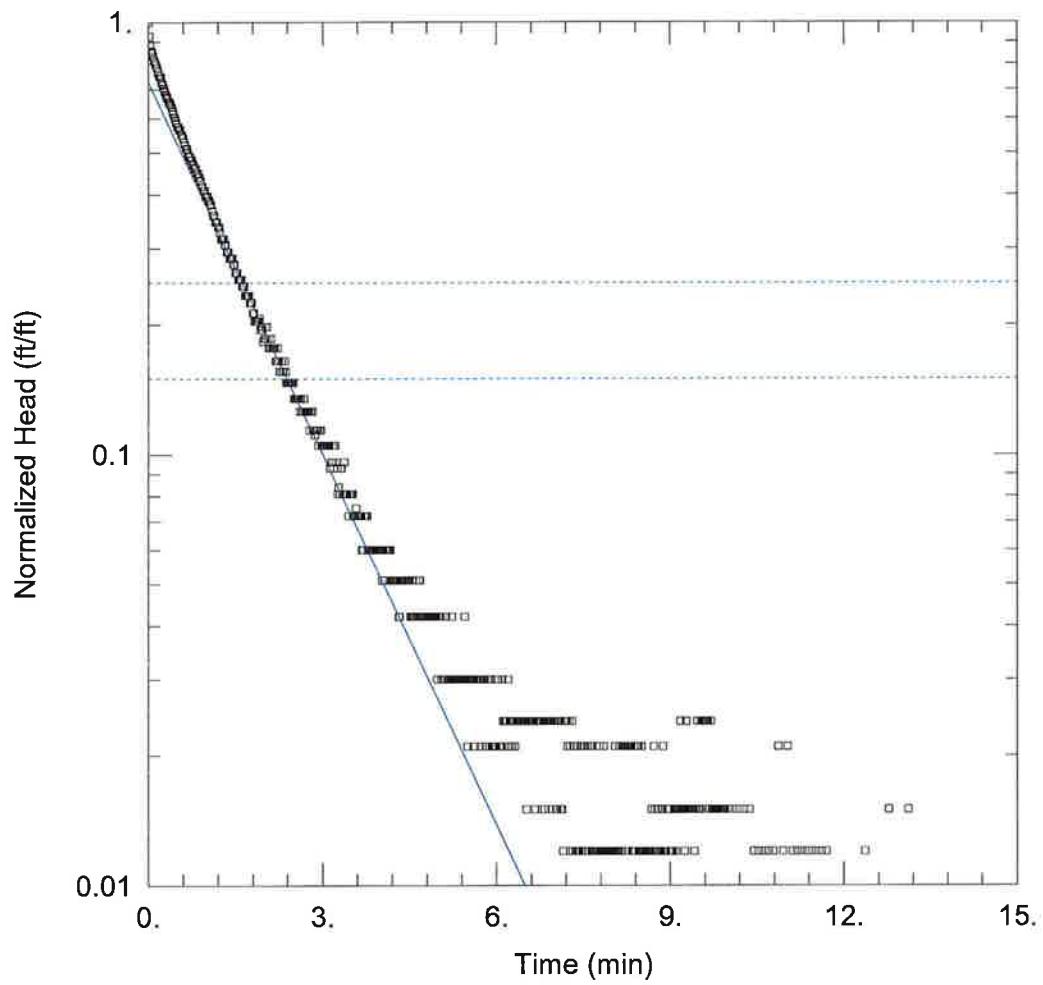
Saturated Thickness: 32.5 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW37C)

Initial Displacement: 1. ft Static Water Column Height: 32.5 ft
Total Well Penetration Depth: 32.5 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
K = 0.001917 ft/min $y_0 = 0.7605$ ft



MW37SBR (RISING HEAD)

Data Set: P:\...\MW37C_HVR.aqt
 Date: 12/28/11

Time: 11:05:47

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-37C
 Test Date: February 9, 2011

AQUIFER DATA

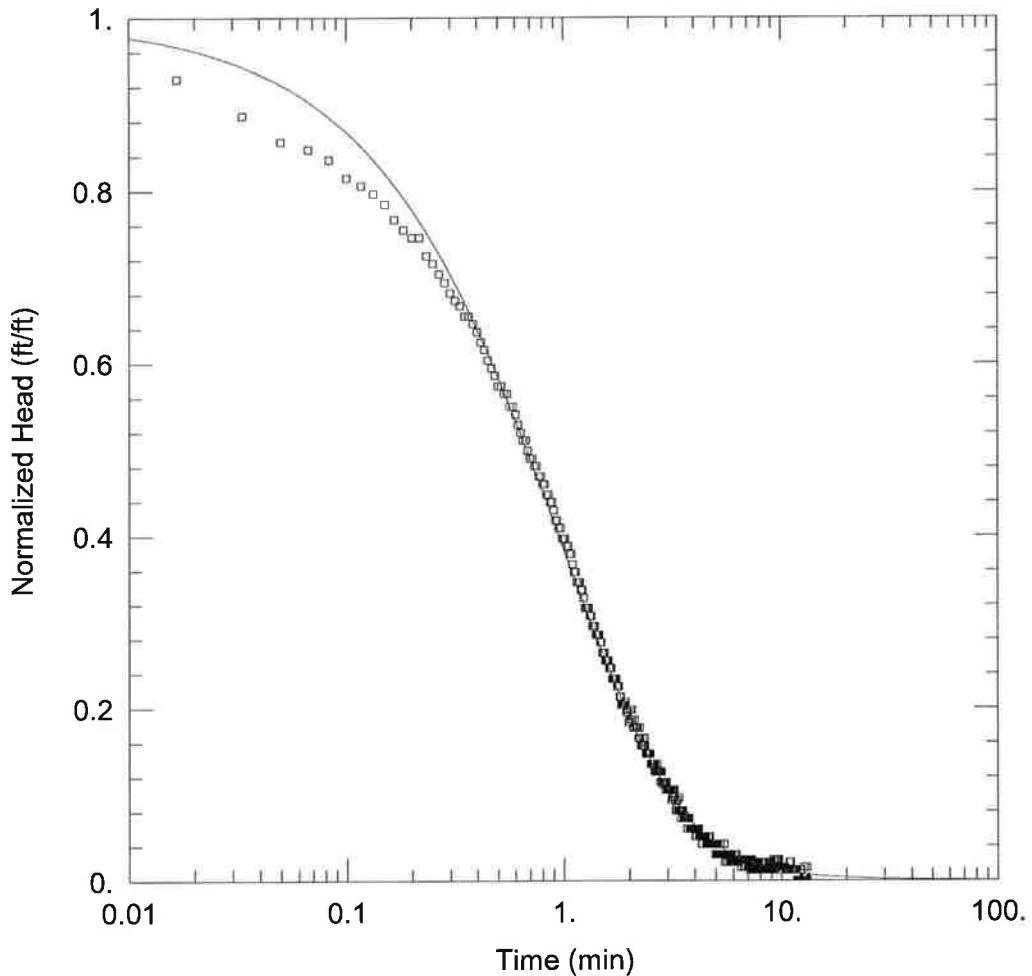
Saturated Thickness: 32.5 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW37C)

Initial Displacement: 1. ft	Static Water Column Height: 32.5 ft
Total Well Penetration Depth: 32.5 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.002246 ft/min	y0 = 0.7276 ft



MW37SBR (RISING HEAD)

Data Set: P:\...\MW37C_KGS.aqt
 Date: 12/28/11

Time: 11:06:49

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 20500332
 Location: Conyers, GA
 Test Well: MW-37C
 Test Date: February 9, 2011

AQUIFER DATA

Saturated Thickness: 32.5 ft

WELL DATA (MW37C)

Initial Displacement: 1. ft
 Total Well Penetration Depth: 32.5 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 32.5 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

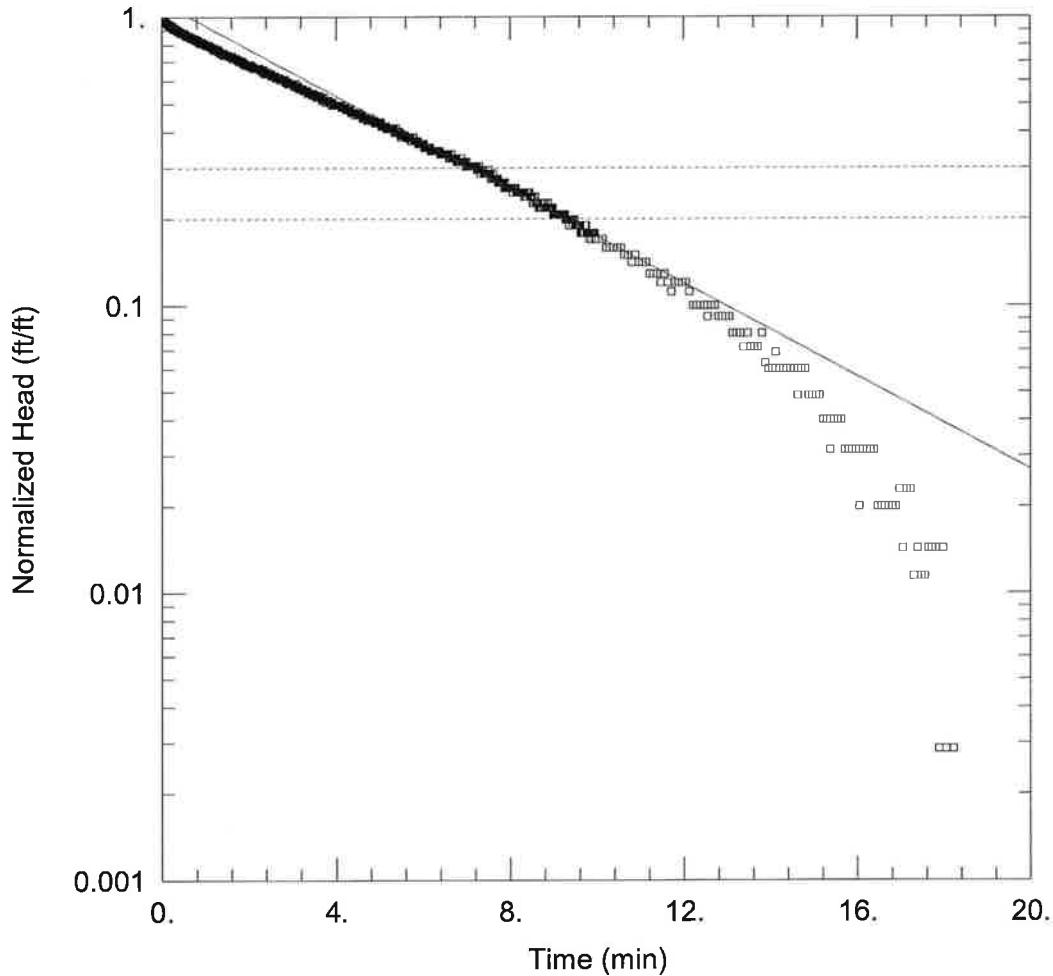
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0009945 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 1.538E-5 \text{ ft}^{-1}$

MW38A - D6481 - [2/8/2011 2:30:13 PM - 2/8/2011 2:48:28 PM]





MW-38SBR (RISING HEAD)

Data Set: P:\...\MW38A_BR.aqt
Date: 12/28/11

Time: 11:16:17

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38A
Test Date: February 8, 2011

AQUIFER DATA

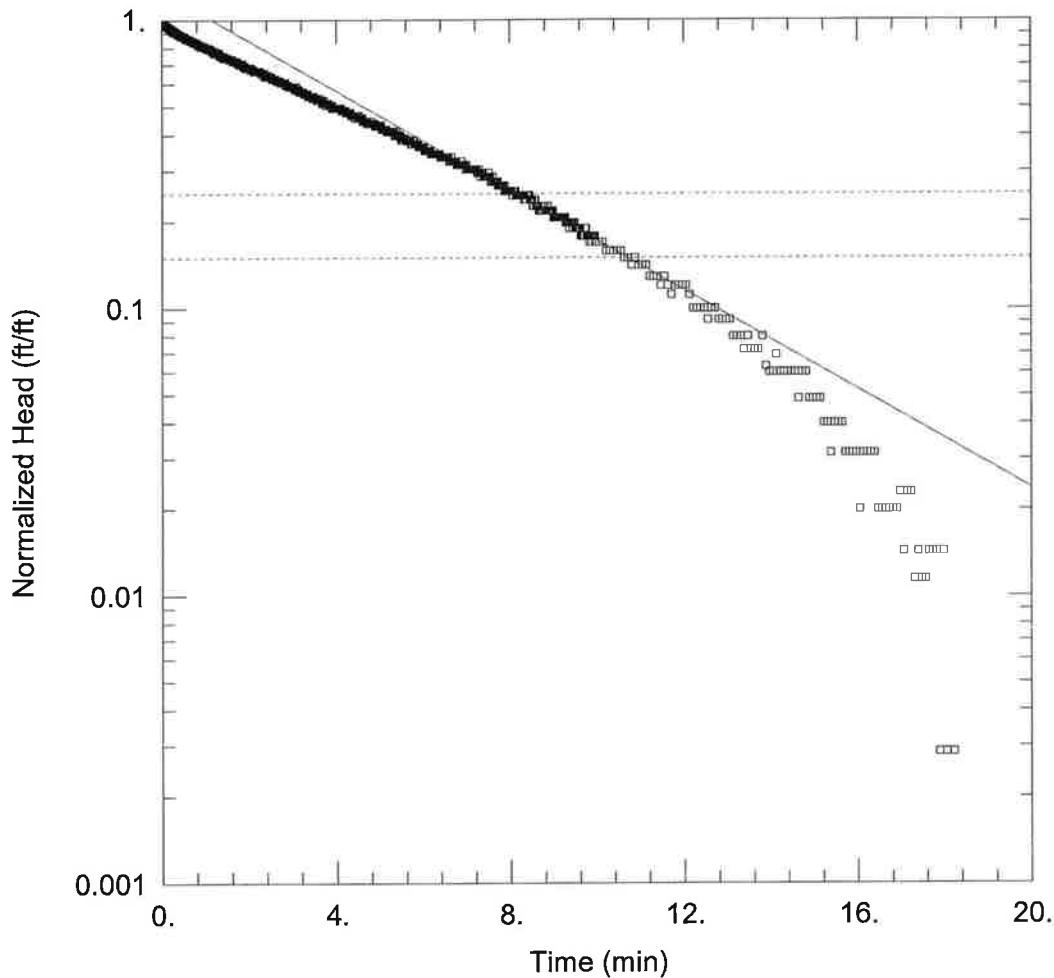
Saturated Thickness: 27.2 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-38A)

Initial Displacement: 1.05 ft	Static Water Column Height: 27.2 ft
Total Well Penetration Depth: 27.2 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Bouwer-Rice
K = 0.0005055 ft/min	y0 = 1.179 ft



MW-38SBR (RISING HEAD)

Data Set: P:\...\MW38A_HVR.aqt
Date: 12/28/11

Time: 11:16:50

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38A
Test Date: February 8, 2011

AQUIFER DATA

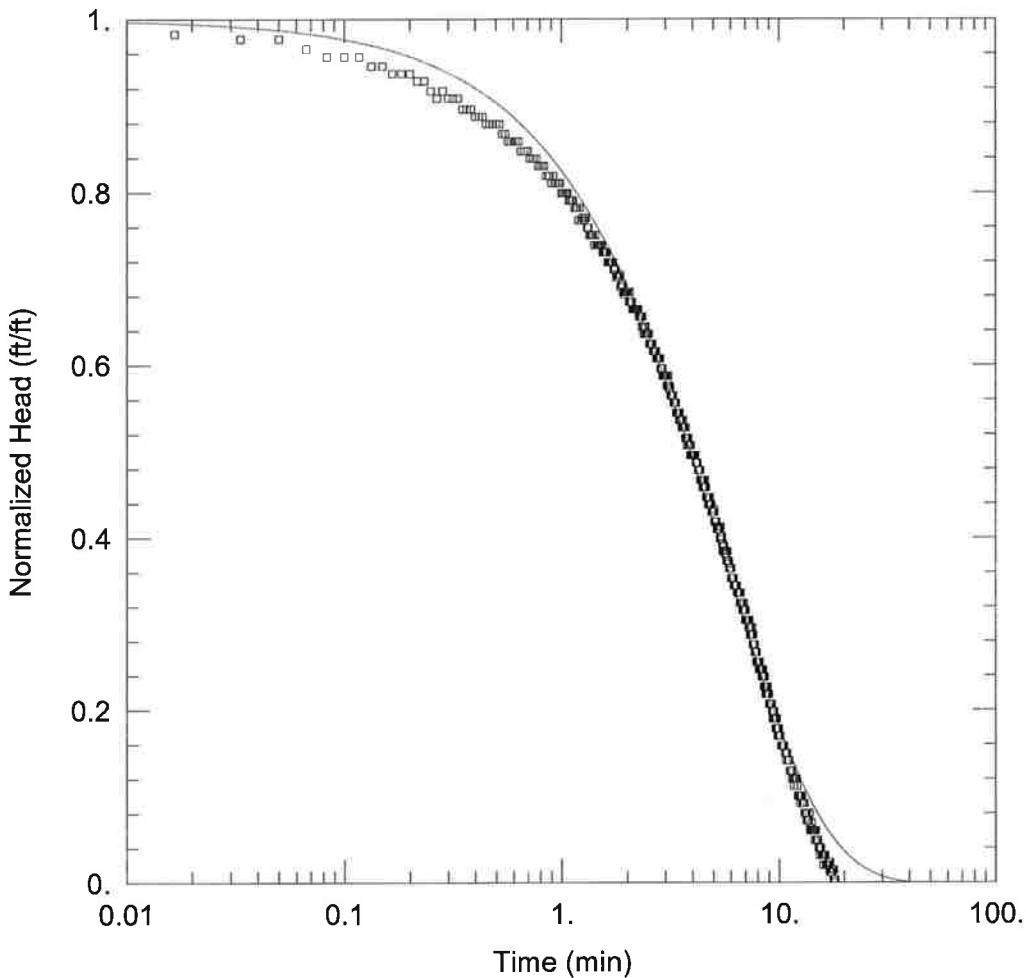
Saturated Thickness: 27.2 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-38A)

Initial Displacement: 1.05 ft	Static Water Column Height: 27.2 ft
Total Well Penetration Depth: 27.2 ft	Screen Length: 10. ft
Casing Radius: 0.0833 ft	Well Radius: 0.167 ft
	Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined	Solution Method: Hvorslev
K = 0.0006751 ft/min	y0 = 1.32 ft



MW-38SBR (RISING HEAD)

Data Set: P:\...\MW38A_KGS.aqt
 Date: 12/28/11

Time: 11:18:51

PROJECT INFORMATION

Company: URS Corporation
 Client: C&D Technologies
 Project: 15261129
 Location: Conyers, GA
 Test Well: MW-38A
 Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

WELL DATA (MW-38A)

Initial Displacement: 1.05 ft
 Total Well Penetration Depth: 27.2 ft
 Casing Radius: 0.0833 ft

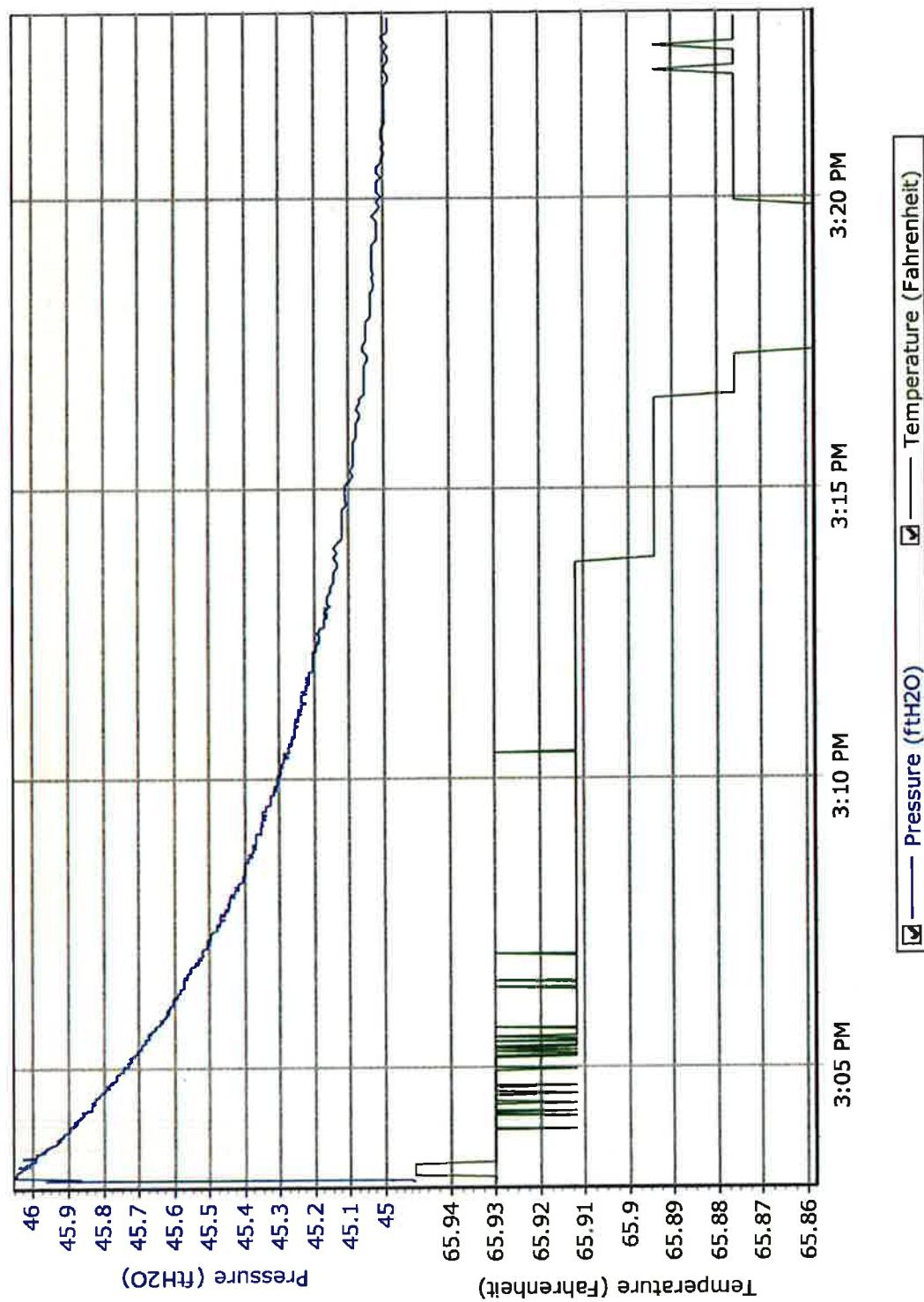
Static Water Column Height: 27.2 ft
 Screen Length: 10. ft
 Well Radius: 0.167 ft
 Gravel Pack Porosity: 0.3

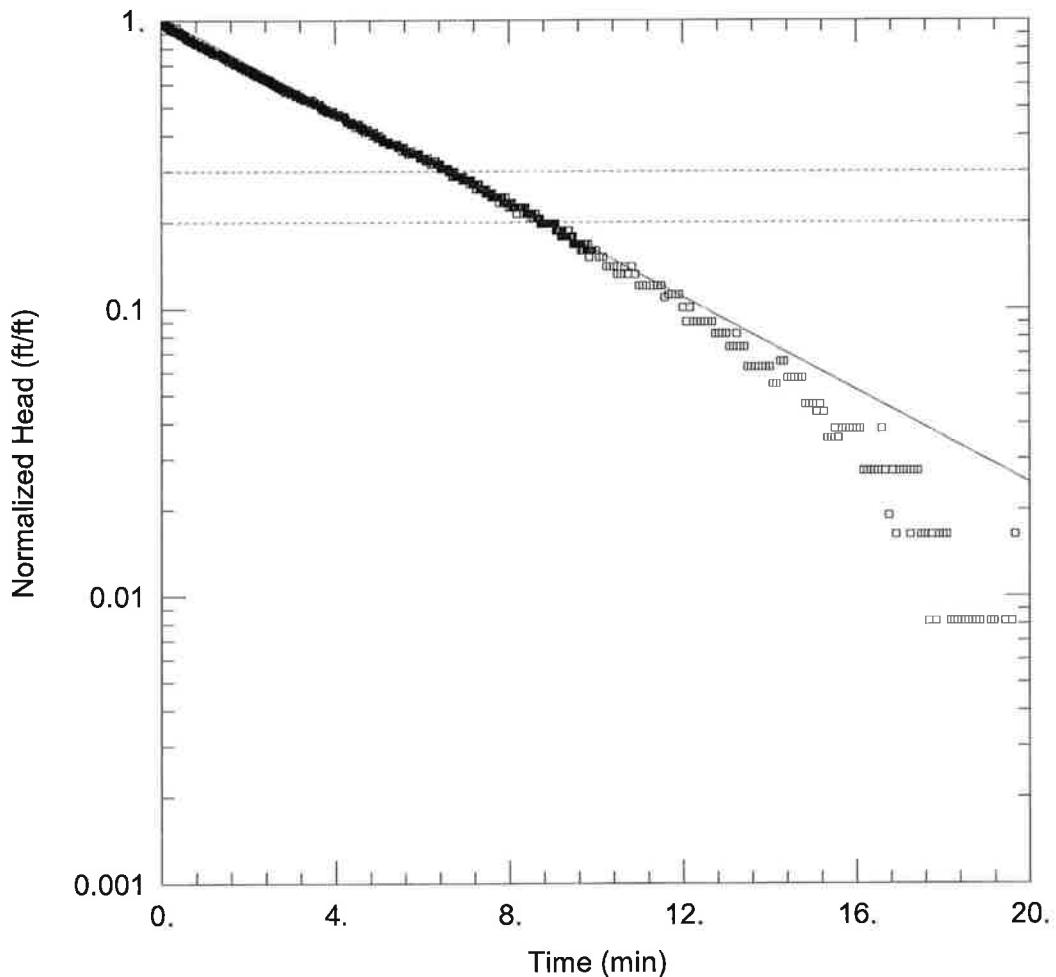
SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0002402 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 2.393E-7 \text{ ft}^{-1}$

MW38B - D6481 - [2/8/2011 3:03:02 PM - 2/8/2011 3:23:07 PM]





MW-38SBR (FALLING HEAD)

Data Set: P:\...\MW38B_BR.aqt
Date: 12/28/11

Time: 11:20:18

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38B
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW -38B)

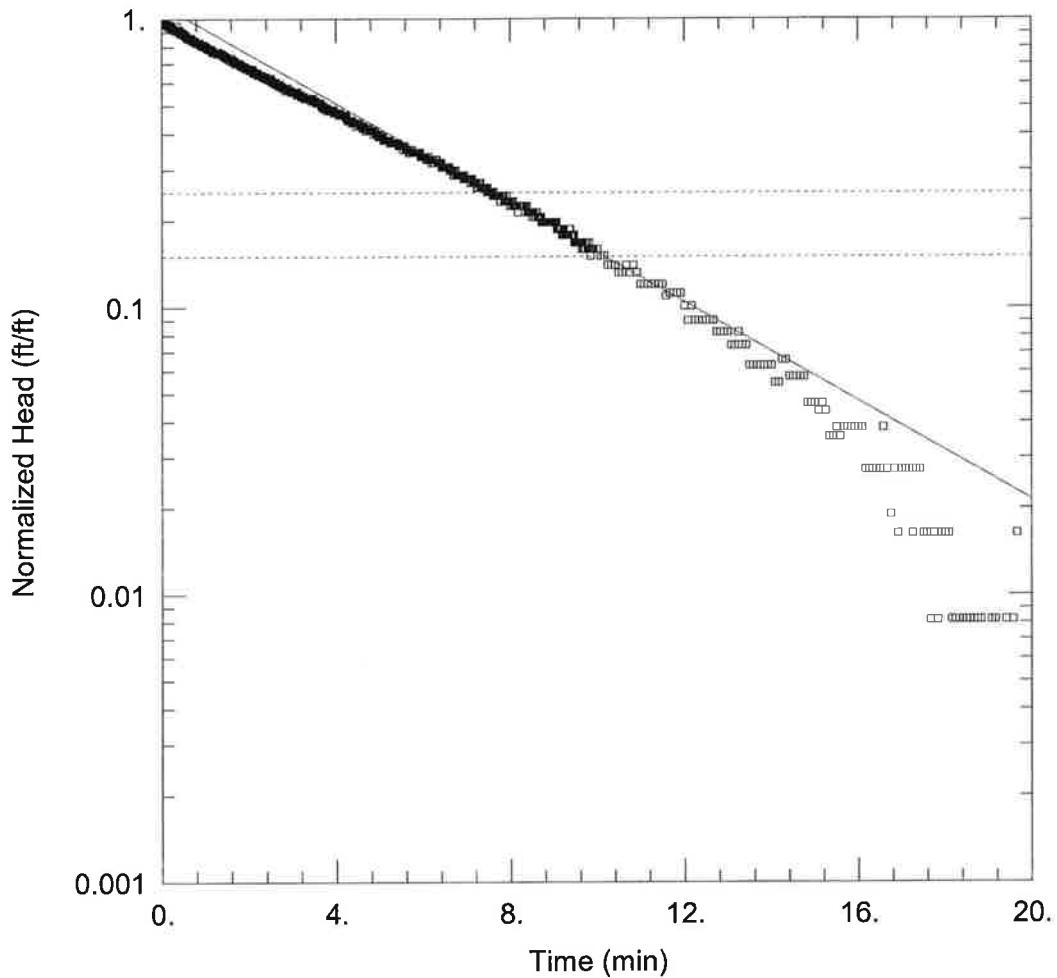
Initial Displacement: 1.1 ft
Total Well Penetration Depth: 27.2 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 27.2 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined
K = 0.0002276 ft/min

Solution Method: Bouwer-Rice
y0 = 1.129 ft



MW-38SBR (FALLING HEAD)

Data Set: P:\...\MW38B_HVR.aqt
Date: 12/28/11

Time: 11:20:48

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38B
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW -38B)

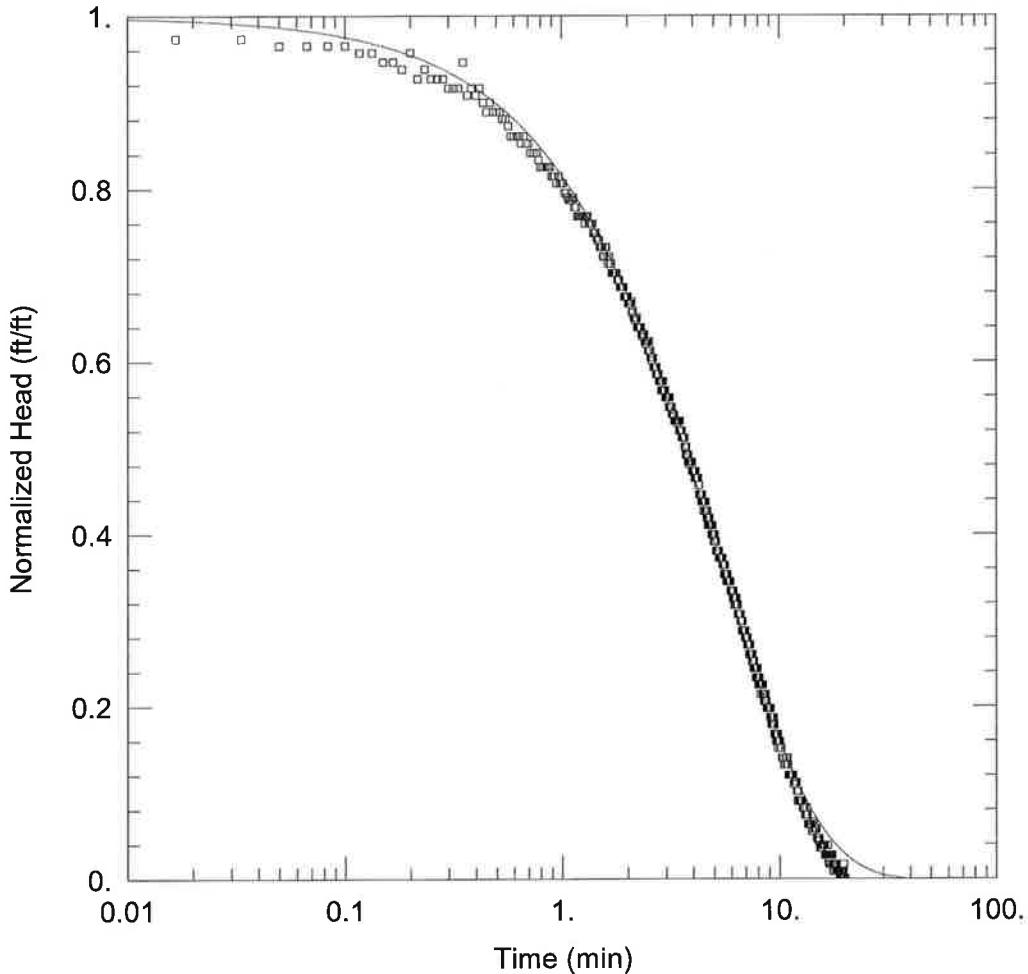
Initial Displacement: 1.1 ft
Total Well Penetration Depth: 27.2 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 27.2 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined
 $K = 0.0003041 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 1.238 \text{ ft}$



MW-38SBR (FALLING HEAD)

Data Set: P:\...\MW38B_KGS.aqt
Date: 12/28/11

Time: 11:24:27

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38B
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

WELL DATA (MW -38B)

Initial Displacement: 1.1 ft
Total Well Penetration Depth: 27.2 ft
Casing Radius: 0.0833 ft

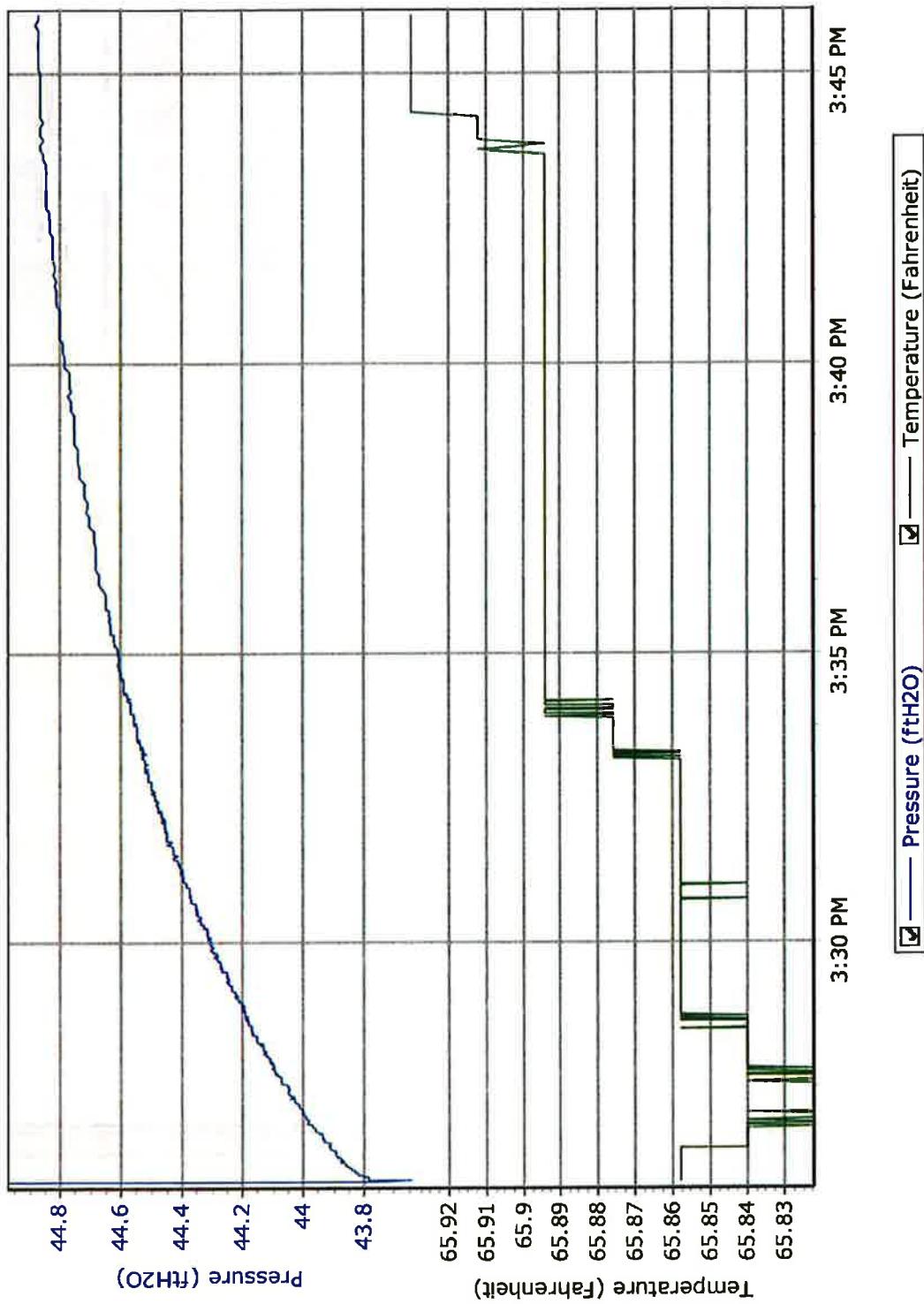
Static Water Column Height: 27.2 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.

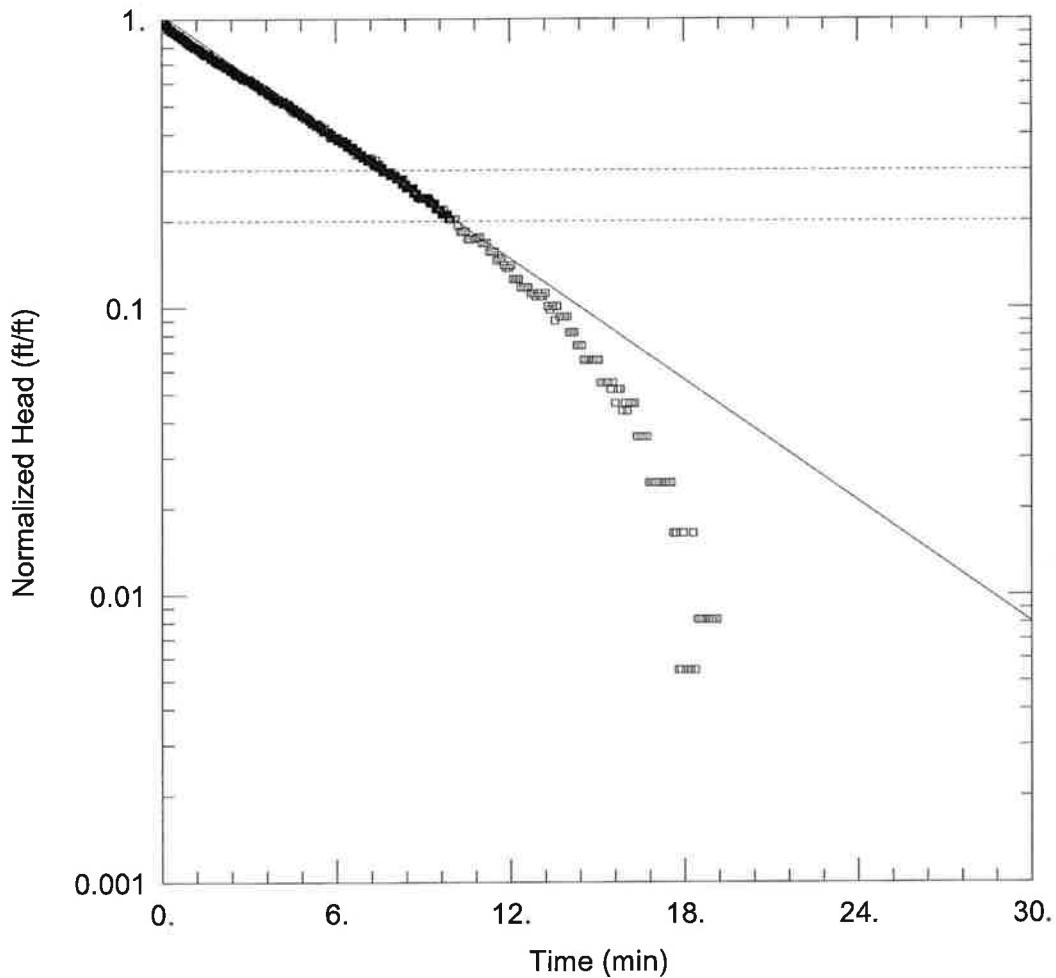
SOLUTION

Aquifer Model: Unconfined
Kr = 0.0002579 ft/min
Kz/Kr = 0.1

Solution Method: KGS Model
Ss = 2.045E-7 ft⁻¹

MW38C - D6481 - [2/8/2011 3:25:51 PM - 2/8/2011 3:46:01 PM]





MW-38SBR (RISING HEAD)

Data Set: P:\...\MW38C_BR.aqt
Date: 12/28/11

Time: 12:38:48

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38C
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-38C)

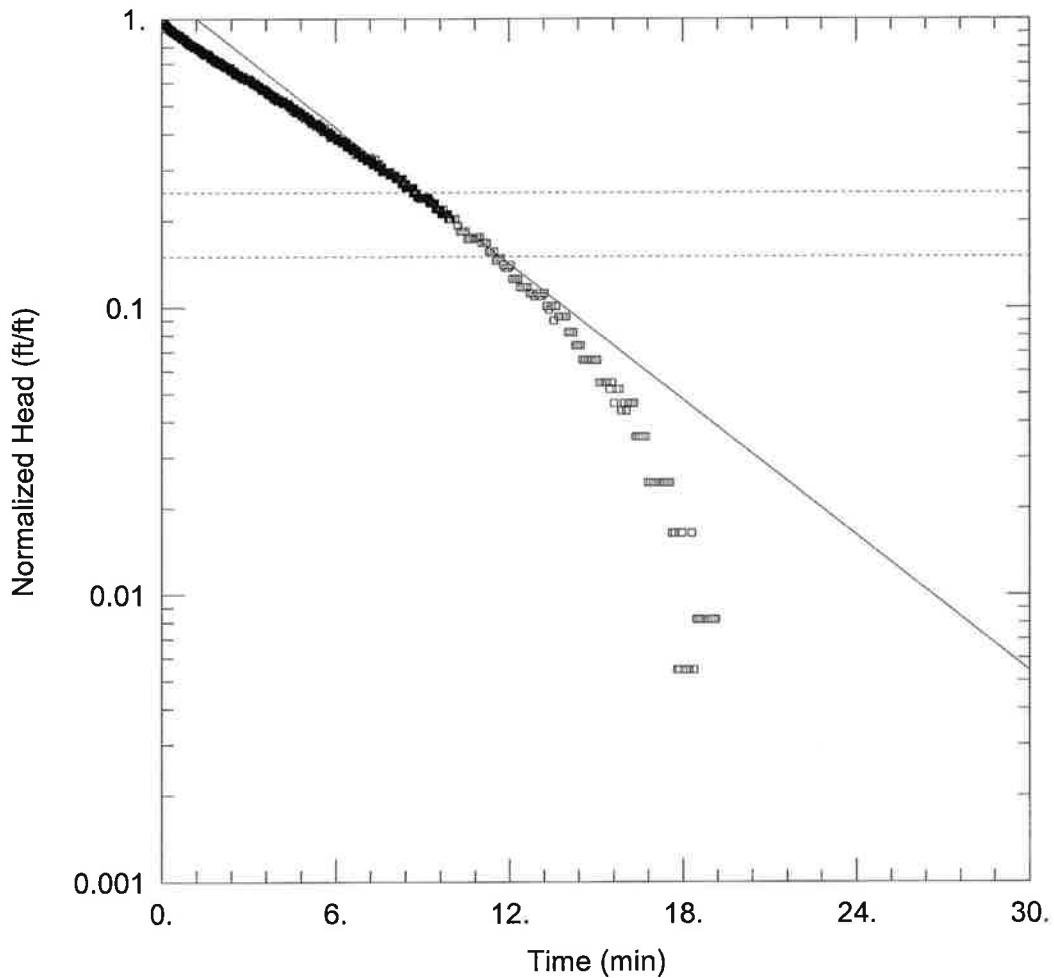
Initial Displacement: 1.1 ft
Total Well Penetration Depth: 27.2 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 27.2 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.0004388 \text{ ft/min}$

Solution Method: Bouwer-Rice
 $y_0 = 1.139 \text{ ft}$



MW-38SBR (RISING HEAD)

Data Set: P:\...\MW38C_HVR.aqt
Date: 12/28/11

Time: 12:39:26

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38C
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-38C)

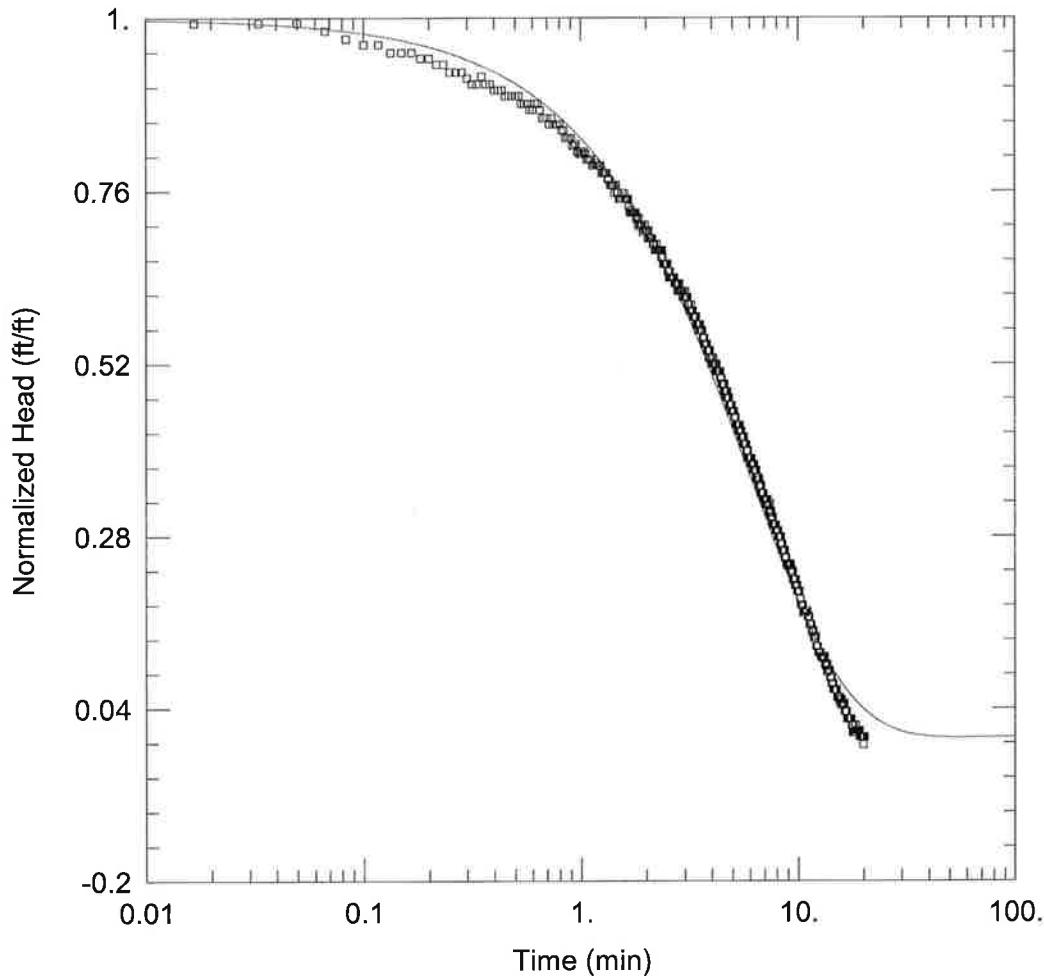
Initial Displacement: 1.1 ft
Total Well Penetration Depth: 27.2 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 27.2 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 0.0006163 \text{ ft/min}$

Solution Method: Hvorslev
 $y_0 = 1.37 \text{ ft}$



MW-38SBR (RISING HEAD)

Data Set: P:\...\MW38C_KGS.aqt
Date: 12/28/11

Time: 12:41:12

PROJECT INFORMATION

Company: URS Corporation
Client: C&D Technologies
Project: 15261129
Location: Conyers, GA
Test Well: MW-38C
Test Date: February 8, 2011

AQUIFER DATA

Saturated Thickness: 27.2 ft

WELL DATA (MW-38C)

Initial Displacement: 1.1 ft
Total Well Penetration Depth: 27.2 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 27.2 ft
Screen Length: 10. ft
Well Radius: 0.167 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K_r = 0.0002333 \text{ ft/min}$
 $K_z/K_r = 0.1$

Solution Method: KGS Model
 $S_s = 1.546E-7 \text{ ft}^{-1}$



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Tested By

KI

Da

10/20/10

Checked By

1

Client Pr. #	20500332	Lab. PR. #	1006-08-1
Pr. Name	C&D Technologies Conyers, GA	S. Type	UD
Sample ID	10292/ST-1	Depth/Elev.	8-10'
Location	MW-38	Add. Info	-

ASTM D4972

Standard Test Method for pH of Soil (Method A)

SAMPLE PREPARATION

Air dried Material passing #10 sieve was used for testing.

Deionized water was used for testing (Type III or better)

TEST DATA

Standard buffer solutions used to standardize pH meter:

40 pH

70 pH

10.0 pH

pH Meter ID 375

375

REMARKS

.....



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Tested By

KI

Date

10/20/10

Checked By

LB

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10292/ST-1
Location	MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	8-10'
Add. Info	-

Standard Test Method for Organic Matter Determination (Method C)

Remarks

Material was dried in the oven at 110+/-5°C prior to ignition.

Organic Matter Determination

Mass of Oven-dried Sample and Dish, g	170.21
Mass of Ashed Sample and Dish, g	168.15
Mass of Dish, g	83.86
Ash Content, %	97.6
Organic Matter, %	2.4

Notes: 1. Muffle furnace temperature used for ash and organic matter content determination was 440°C

Description

Yellow with Gray and Black Silty Sand

USCS

SM



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Tested By	KI
Date	10/20/10
Checked By	

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10293/ST-2
Location	MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	38-40'
Add. Info	-

Standard Test Method for Organic Matter Determination (Method C)

Remarks

Material was dried in the oven at 110+/-5°C prior to ignition.

Organic Matter Determination

Mass of Oven-dried Sample and Dish, g	148.75
Mass of Ashed Sample and Dish, g	147.21
Mass of Dish, g	51.09
Ash Content, %	98.4
Organic Matter, %	1.6

Notes: 1. Muffle furnace temperature used for ash and organic matter content determination was 440°C

Description

Gray White and Yellow Silty Sand

USCS

SM



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Tested By

RI

Date

10/22/10

Checked By

LB

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10292/ST-1
Location	MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	8-10'
Add. Info	-

ASTM D 4318

Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils (Atterberg Limits)

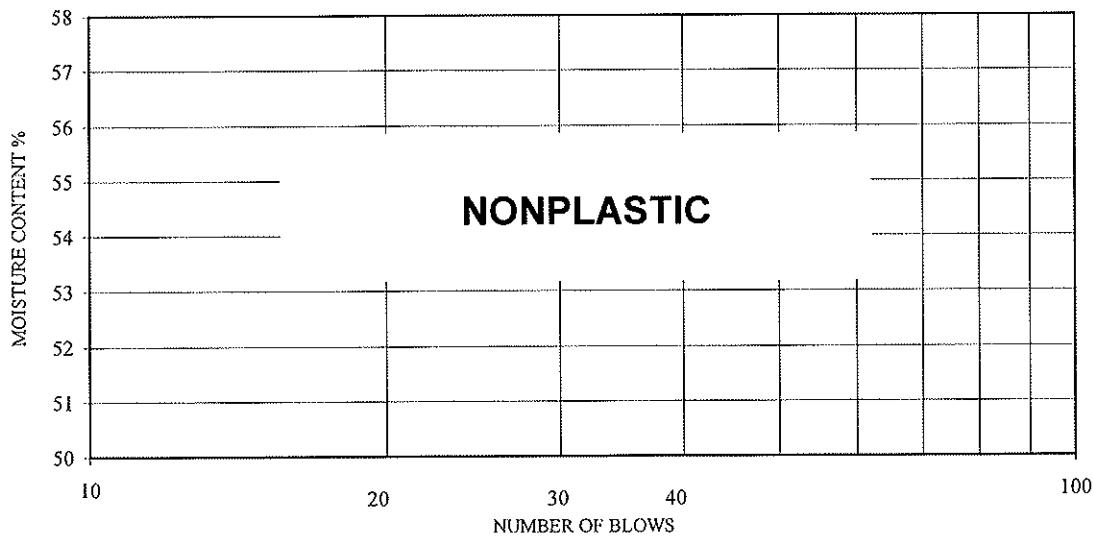
Number of Blows
Weight of Wet Sample & Tare, g
Weight of Dry Soil & Tare, g
Weight of Tare, g
Moisture Content, %

LIQUID LIMIT	
8	8
36.70	32.05
33.87	29.16
27.42	22.59
43.88	43.99

Liquid Limit Device ID #

56

NOTES: 1. Material appears to be Nonplastic. (Liquid Limit or Plastic Limit test could not be performed.)
2. Material passing No. 40 sieve was used for test.



Weight of Wet Soil & Tare, g
Weight of Dry Soil & Tare, g
Weight of Tare, g
Moisture Content, %

PLASTIC LIMIT	
31.70	33.58
29.15	31.04
23.34	25.29
43.89	44.17

PREPARATION PROCEDURE

DRY

Oven ID Number

12/13/14/15

Balance ID Number

2

Weight of Wet Soil & Tare, g
Weight of Dry Soil & Tare, g
Weight of Tare, g
Moisture Content, %

NATURAL MOISTURE	
272.10	
236.00	
102.50	
27.04	

LIQUID LIMIT (LL)

NP

PLASTIC LIMIT (PL)

NP

PLASTICITY INDEX (PI)

NP

LIQUIDITY INDEX (LI)

-

DESCRIPTION

Yellow with Gray and Black Silty Sand

USCS (ASTM D2487;2488)

SM

AASHTO (M 145)

NA



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Tested By

RI

Date

10/19/10

Checked By

[Signature]

Client Pr. #	20500332	Lab. PR. #	1006-08-1
Pr. Name	C&D Technologies Conyers, GA	S. Type	UD
Sample ID	10292/ST-1	Depth/Elev.	8-10'
Location	MW-38	Add. Info	-

ASTM D 422/AASHO T 88
Standard Test Method for Particle-Size Analysis of Soils (with Hydrometer Analysis)

As-Received Moisture Content		Moisture Content of Material Used for Hydrometer Analysis	
Mass of Wet Sample & Tare, g	272.10	Mass of Wet Sample & Tare, g	249.50
Mass of Dry Sample & Tare, g	236.00	Mass of Dry Sample & Tare, g	248.00
Mass of Tare, g	102.50	Mass of Tare, g	140.40
Moisture Content, %	27.0	Moisture Content, %	1.4
Mass of Total Sample before separation on #4 sieve & Tare, g	473.90	Mass of Sample used for hydrometer analysis, g	100.36
Mass of Tare, g	0.00	Dry Mass, g	98.98
Total Mass of Dry Sample, g	467.38	% of Total Sample passing #4 sieve	100.0

SIEVE ANALYSIS

PORTION OF SAMPLE RETAINED ON #4 SIEVE			
Sieve Size	Sample & Tare, g	% RETAINED	%PASSING
12"	COBBLES	0.0	100.0
3"		0.0	100.0
2.5"	COARSE GRAVEL	0.0	100.0
2"		0.0	100.0
1.5"		0.0	100.0
1"		0.0	100.0
.75"		0.0	100.0
.5"	FINE GRAVEL	0.0	100.0
.375"		0.0	100.0
#4	COARSE SAND	0.00	100.0

PORTION OF SAMPLE PASSING #4 SIEVE (Hydrometer Backsieve)

Sieve Size	Cumulative	
	Mass retained, g	% PASSING
#10	0.34	99.7
#20	11.32	88.6
#40	31.71	68.0
#60	48.25	51.3
#100	60.41	39.0
#200	72.89	26.4

Remarks

HYDROMETER ANALYSIS

Length of Dispersion Period
Mechanical Dispersion Device ID #
Amount of Dispersing Agent (ml)
Specific Gravity (assumed)
Specific Gravity (tested)
Starting time

1 Minute
61
125.0
2.700
10:40

PARTICLE-SIZE ANALYSIS

% COBBLES	0.0	% MEDIUM SAND	31.7
% COARSE GRAVEL	0.0	% FINE SAND	41.6
% FINE GRAVEL	0.0	% FINES	26.4
% COARSE SAND	0.3	% TOTAL SAMPLE	100.0
% CLAY(<0.005mm)	5.4	% CLAY(<0.002mm)	2.5

Date	Time	Testing time (min)	Reading	Temp (°C)	K	Composite Correction	Actual Reading	Effective Depth (cm)	a	Particle Diam. (mm)	Percent Passing
10/20/10	10:42	2	23.5	23.6	0.01282	6.0	17.5	13.5	0.99	0.0333	17.5
10/20/10	10:45	5	20.0	23.6	0.01282	6.0	14.0	14.1	0.99	0.0215	14.0
10/20/10	10:55	15	17.0	23.6	0.01282	6.0	11.0	14.6	0.99	0.0126	11.0
10/20/10	11:10	30	15.0	23.6	0.01282	6.0	9.0	14.9	0.99	0.0090	9.0
10/20/10	11:40	60	13.0	23.6	0.01282	6.0	7.0	15.2	0.99	0.0065	7.0
10/20/10	14:50	250	9.5	23.6	0.01282	6.0	3.5	15.8	0.99	0.0032	3.5
10/21/10	10:40	1440	8.0	23.6	0.01282	6.0	2.0	16.0	0.99	0.0014	2.0

Hydrometer 152H ID # 451190
Sieve Shaker ID # 54/130

Oven ID # 12/13/14/15
Balance ID# 1/6/7



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Tested By RI

Date 10/19/10

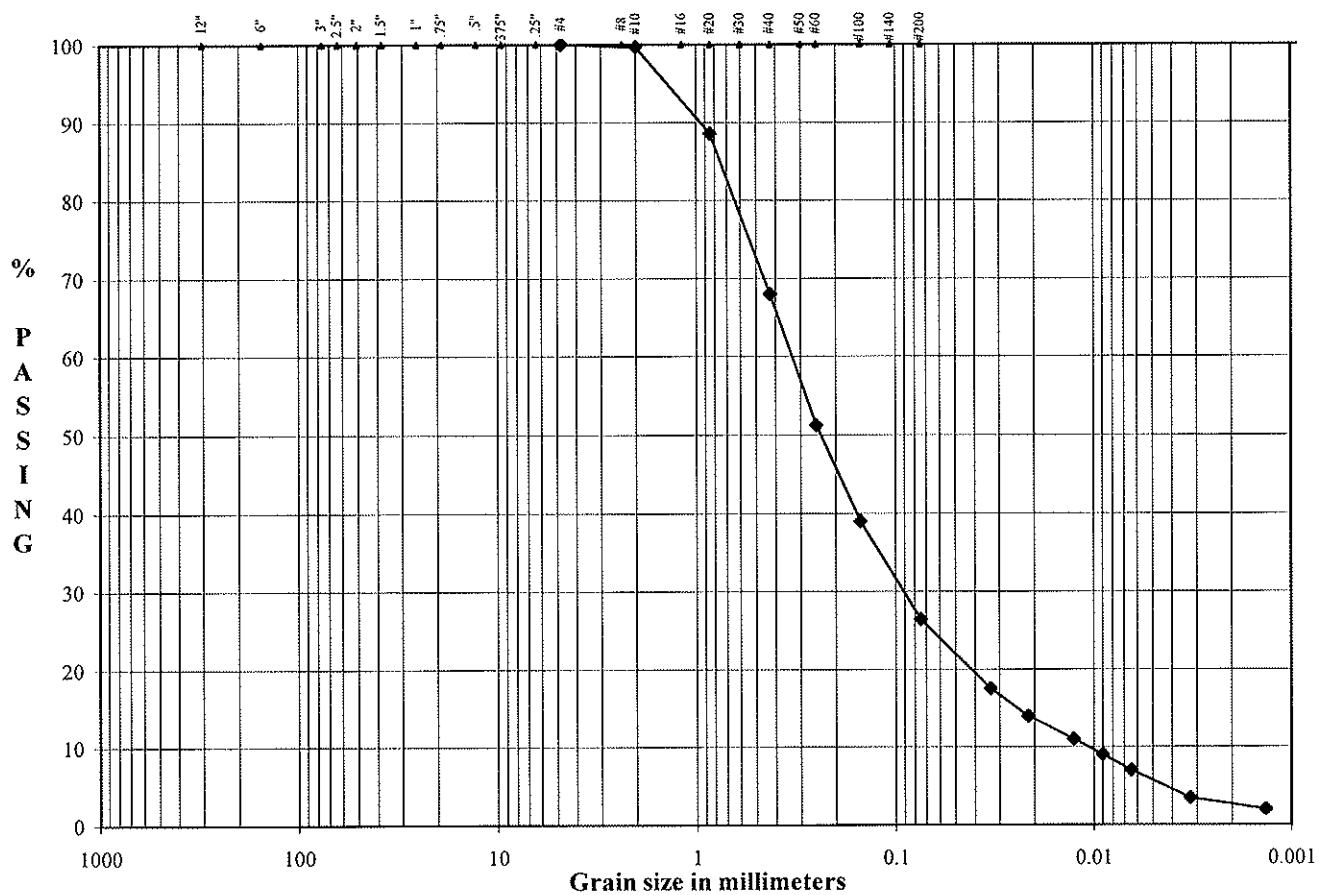
Checked By *LB*

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10292/ST-1
Location	MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	8-10'
Add. Info	-

ASTM D 422/AASHTO T 88
Standard Test Method for Particle-Size Analysis of Soils (with Hydrometer Analysis)

Particle-Size Analysis



Boulders	Cobbles	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay
		Gravel		Sand			Fines
							D ₁₀
							NA mm
							D ₃₀
							NA mm
							D ₆₀
							NA mm
							Cu
							NA
							Cc
							NA

DESCRIPTION

Yellow with Gray and Black Silty Sand

USCS (ASTM D2487; D2488)

SM



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Client Pr. #

20500332

Pr. Name

C&D Technologies Conyers, GA

Sample ID

10292/ST-1

Location

MW-38

Lab. PR. #
S. Type
Depth/Elev.
Add. Info

1006-08-1

UD

8-10'

-

Tested By

KI

Date

10/20/10

Checked By

JB

ASTM D854; Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer

TEST METHOD

B

MOISTURE CONTENT

Mass of Wet Sample & Tare, g
Mass of Dry Sample & Tare, g
Mass of Tare, g
Moisture Content, %

-
-
-
NA*

TEST DATA

Pycnometer Number
Mass of Pycnometer, g
Mass of Sample & Pycnometer, g
Mass of Sample, Water & Pycnometer, g
Test Temperature, °C
Mass of Tare,g
Mass of Dry Sample & Tare, g
Mass of Dry Soil, g
Mass of Pycnometer (Calibrated), g
Density of Water @ Test Temperature, g/mL
Mass of Pycnometer & Water @ Test Temp.
Temperature Coefficient
Calibrated Volume of Pycnometer, mL
Specific Gravity @ Test Temperature

1
122.46
222.86
682.56
25.8
167.64
267.92
100.28
122.48
0.99684
620.00
0.99863
499.10
2.658

SPECIFIC GRAVITY @ 20 °C

2.655

DESCRIPTION

Yellow with Gray and Black Silty Sand

Thermometer ID Number
Vacuum Pump ID Number
Deaerator ID Number
Specific Gravity Board ID Number
Balance ID Number
Oven ID Number

72
62
213
214
139
12

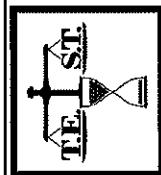
USCS

(ASTM D2487, D2488)

SM

NOTES:

- 1.* Oven-Dry material passing #4 sieve used for test.
2. Air removed by vacuum method.
3. Deionized / Distilled water was used for test.



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Client Pr. # 205003322
Pr. Name C&D Technologies Conyers, GA
Sample ID 10292/ST-1
Location MW-38

Tested By R.I.
Date 10/19/10
Checked By *AS*

Client Pr. #
Pr. Name
Sample ID
Location

Tested By

Date

Checked By

R.I.
10/19/10
AS

Tested By

Date

Checked By



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Tested By

KI

10/23/10

10122710

Date 10/22/10

1

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10293/ST-2
Location	MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	38-40'
Add. Info	-

ASTM D4972

SAMPLE PREPARATION

Air dried Material passing #10 sieve was used for testing.

Deionized water was used for testing (Type III or better)

TEST DATA

Standard buffer solutions used to standardize pH meter:

4,0 pH

7.0 pH

10.0 pH

pH Meter ID

375

REMARKS



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Tested By

RI

Date

10/21/10

Checked By

10

Client Pr. #	20500332	Lab. PR. #	1006-08-1
Pr. Name	C&D Technologies Conyers, GA	S. Type	UD
Sample ID	10293/ST-2	Depth/Elev.	38-40'
Location	MW-38	Add. Info	-

ASTM D 4318

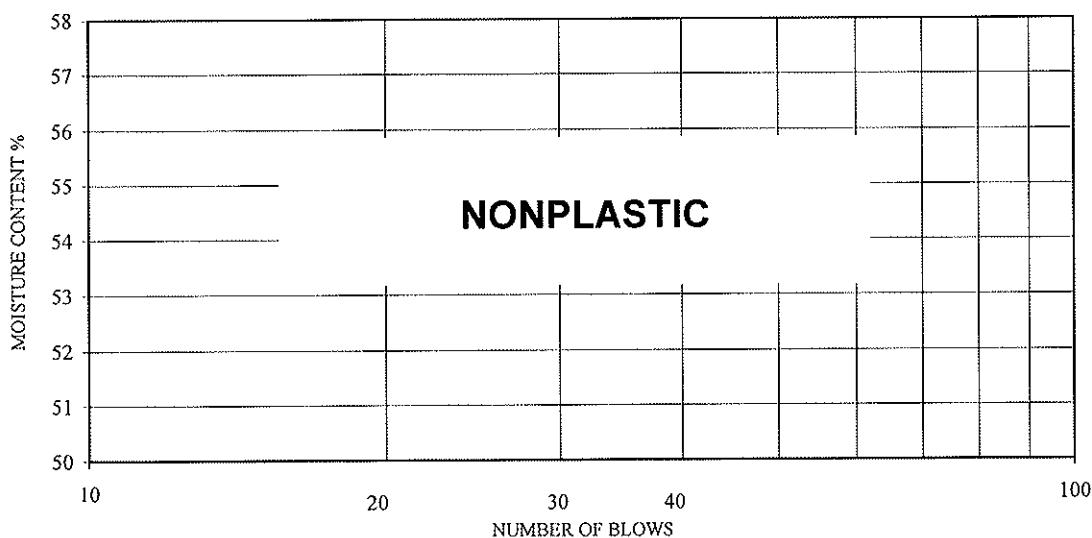
Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils (Atterberg Limits)

LIQUID LIMIT	
9	9
35.67	34.97
33.21	32.69
26.10	26.17
34.60	34.97

Liquid Limit Device ID #

56

NOTES: 1. Material appears to be Nonplastic. (Liquid Limit or Plastic Limit test could not be performed.)
2. Material passing No. 40 sieve was used for test.



Weight of Wet Soil & Tare, g	32.03	33.16
Weight of Dry Soil & Tare, g	30.10	30.39
Weight of Tare, g	24.52	22.46
Moisture Content, %	34.59	34.93

PREPARATION PROCEDURE

DRY

Oven ID Number

12/13/14/15

Balance ID Number

2

NATURAL MOISTURE	
Weight of Wet Soil & Tare, g	286.00
Weight of Dry Soil & Tare, g	258.70
Weight of Tare, g	95.10
Moisture Content, %	16.69

LIQUID LIMIT (LL)
PLASTIC LIMIT (PL)
PLASTICITY INDEX (PI)
LIQUIDITY INDEX (LI)

NP
NP
NP
-

DESCRIPTION	Gray White and Yellow Silty Sand
-------------	----------------------------------

USCS (ASTM D2487;2488)

SM

AASHTO (M 145)

NA



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Tested By RI

Date 10/19/10

Checked By *[Signature]*

Client Pr. #	20500332	Lab. PR. #	1006-08-1
Pr. Name	C&D Technologies Conyers, GA	S. Type	UD
Sample ID	10293/ST-2	Depth/Elev.	38-40'
Location	MW-38	Add. Info	-

ASTM D 422/AASHTO T 88
Standard Test Method for Particle-Size Analysis of Soils (with Hydrometer Analysis)

As-Received Moisture Content		Moisture Content of Material Used for Hydrometer Analysis	
Mass of Wet Sample & Tare, g	286.00	Mass of Wet Sample & Tare, g	378.50
Mass of Dry Sample & Tare, g	258.70	Mass of Dry Sample & Tare, g	370.30
Mass of Tare, g	95.10	Mass of Tare, g	113.00
Moisture Content, %	16.7	Moisture Content, %	3.2
Mass of Total Sample before separation on #4 sieve & Tare, g	1206.40	Mass of Sample used for hydrometer analysis, g	100.11
Mass of Tare, g	0.00	Dry Mass, g	97.02
Total Mass of Dry Sample, g	1169.14	% of Total Sample passing #4 sieve	99.6

SIEVE ANALYSIS

PORTION OF SAMPLE RETAINED ON #4 SIEVE			
Sieve Size	Sample & Tare, g	% RETAINED	% PASSING
12"	COBBLES	0.0	100.0
3"		0.0	100.0
2.5"	COARSE GRAVEL	0.0	100.0
2"		0.0	100.0
1.5"		0.0	100.0
1"		0.0	100.0
.75"		0.0	100.0
.5"	FINE GRAVEL	0.0	100.0
.375"		0.00	100.0
#4	COARSE SAND	5.21	0.4
			99.6

PORTION OF SAMPLE PASSING #4 SIEVE (Hydrometer Backsieve)

Sieve Size	Cumulative	
	Mass retained, g	% PASSING
#10	5.09	94.3
#20	25.60	73.3
#40	46.58	51.8
#60	58.05	40.0
#100	67.11	30.7
#200	78.31	19.2

Remarks

HYDROMETER ANALYSIS

Length of Dispersion Period
Mechanical Dispersion Device ID #
Amount of Dispersing Agent (ml)
Specific Gravity (assumed)
Specific Gravity (tested)
Starting time

1 Minute
61
125.0
2.700
10:42

PARTICLE-SIZE ANALYSIS

% COBBLES	0.0	% MEDIUM SAND	42.6
% COARSE GRAVEL	0.0	% FINE SAND	32.6
% FINE GRAVEL	0.4	% FINES	19.2
% COARSE SAND	5.2	% TOTAL SAMPLE	100.0
% CLAY(<0.005mm)	2.3	% CLAY(<0.002mm)	1.2

Date	Time	Testing time (min)	Reading	Temp (°C)	K	Composite Correction	Actual Reading	Effective Depth (cm)	a	Particle Diam. (mm)	Percent Passing
10/20/10	10:44	2	17.0	23.6	0.01282	6.0	11.0	14.6	0.99	0.0346	11.2
10/20/10	10:47	5	15.0	23.6	0.01282	6.0	9.0	14.9	0.99	0.0221	9.1
10/20/10	10:57	15	12.5	23.6	0.01282	6.0	6.5	15.3	0.99	0.0129	6.6
10/20/10	11:12	30	10.5	23.6	0.01282	6.0	4.5	15.6	0.99	0.0093	4.6
10/20/10	11:42	60	9.0	23.6	0.01282	6.0	3.0	15.9	0.99	0.0066	3.0
10/20/10	14:52	250	7.5	23.6	0.01282	6.0	1.5	16.1	0.99	0.0033	1.5
10/21/10	10:42	1440	7.0	23.6	0.01282	6.0	1.0	16.2	0.99	0.0014	1.0

Hydrometer 152H ID # 451190
Sieve Shaker ID # 54/130

Oven ID # 12/13/14/15
Balance ID# 1/6/7



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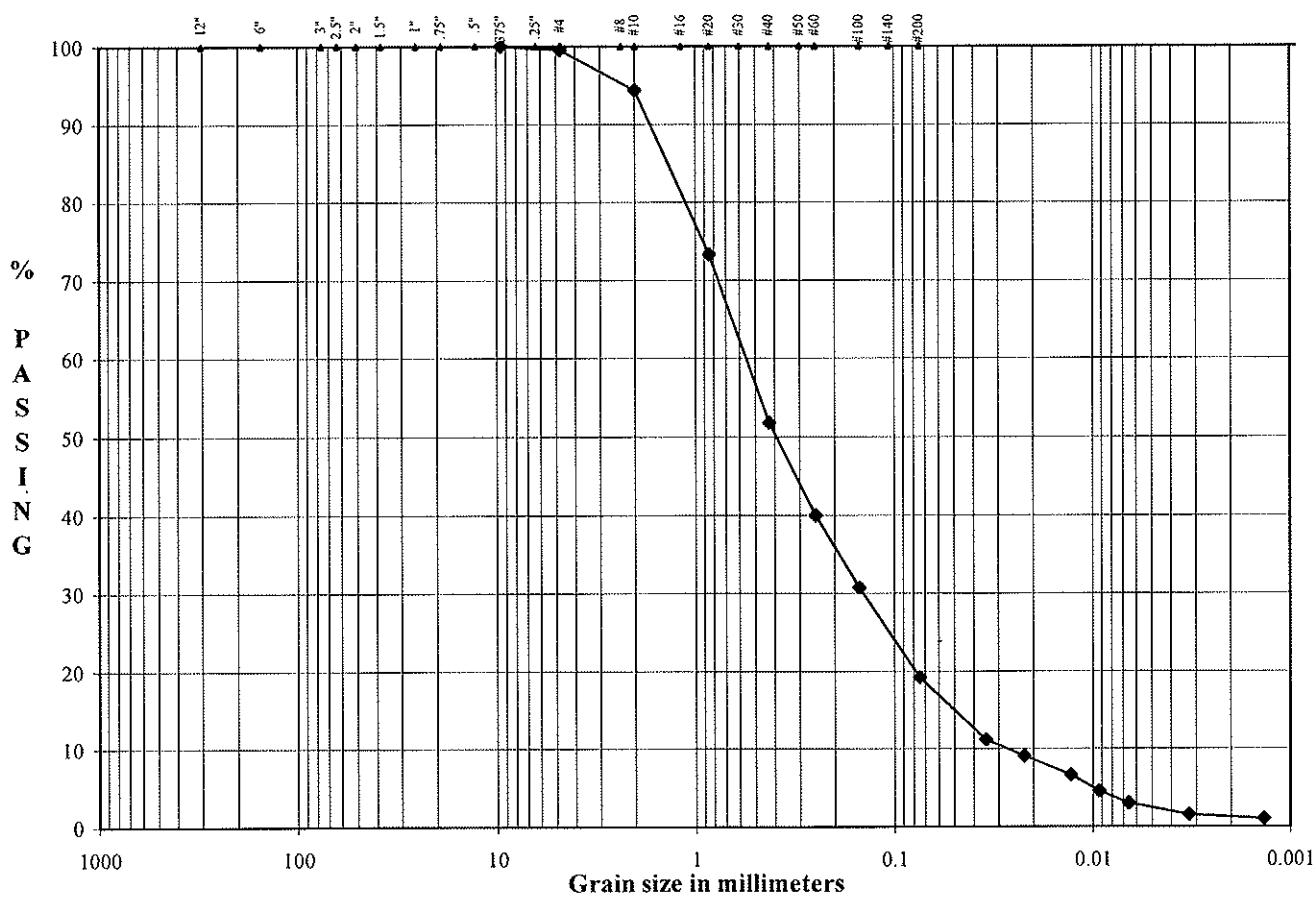
Tested By	RI
Date	10/19/10
Checked By	<i>[Signature]</i>

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10293/ST-2
Location	MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	38-40'
Add. Info	-

ASTM D 422/AASHTO T 88
Standard Test Method for Particle-Size Analysis of Soils (with Hydrometer Analysis)

Particle-Size Analysis



DESCRIPTION	Gray White and Yellow Silty Sand	Boulders	Cobbles	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay	
		Gravel				Sand				Fines
									D ₁₀	NA mm
									D ₃₀	NA mm
									D ₆₀	NA mm
									Cu	NA
									Cc	NA



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Web: www.test-llc.com



Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID	10293/ST-2
Location	MW-38

Tested By	KI
Date	10/20/10
Checked By	<i>[Signature]</i>

ASTM D854; Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer

TEST METHOD

B

MOISTURE CONTENT

Mass of Wet Sample & Tare, g
Mass of Dry Sample & Tare, g
Mass of Tare, g
Moisture Content, %

-
-
-
NA*

TEST DATA

Pycnometer Number	2
Mass of Pycnometer, g	172.39
Mass of Sample & Pycnometer, g	273.62
Mass of Sample, Water & Pycnometer, g	732.82
Test Temperature, °C	25.5
Mass of Tare,g	171.95
Mass of Dry Sample & Tare, g	273.12
Mass of Dry Soil, g	101.17
Mass of Pycnometer (Calibrated), g	172.39
Density of Water @ Test Temperature, g/mL	0.99692
Mass of Pycnometer & Water @ Test Temp.	669.84
Temperature Coefficient	0.99871
Calibrated Volume of Pycnometer, mL	498.99
Specific Gravity @ Test Temperature	2.649

SPECIFIC GRAVITY @ 20 °C

2.645

DESCRIPTION

Gray White and Yellow Silty Sand

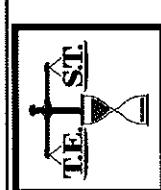
Thermometer ID Number
Vacuum Pump ID Number
Deaerator ID Number
Specific Gravity Board ID Number
Balance ID Number
Oven ID Number

72
62
213
214
139
12

USCS (ASTM D2487, D2488)
SM

NOTES:

- 1.* Oven-Dry material passing #4 sieve used for test.
2. Air removed by vacuum method.
3. Deionized / Deaired water was used for test.



**TIMELY
ENGINEERING
SOIL
TESTS, LLC**

1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973

AR
ASCE 36

Web: www.testllc.com

Client Pr. #	20500332
Pr. Name	C&D Technologies Conyers, GA
Sample ID Location	10293/ST-2 MW-38

Lab. PR. #	1006-08-1
S. Type	UD
Depth/Elev.	38-40'
Add. Info	-

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)		Test Data		Final Data (After Test)	
Height	7.39 cm	Speed	2	Average Height of Sample	7.34 cm
Diameter	7.25 cm	Board Number	4	Average Diameter of Sample	7.27 cm
Area	41.24 cm ²	Cell Number	14	Area	41.53 cm ²
Volume	304.75 cm ³	Flow Pump Number	1B	Volume	304.99 cm ³
Mass	607.40 g	Flow Pump Rate	5.73E-02 cm ³ /sec	Mass	628.20 g
Specific Gravity	2.645 (TESTED)	B - Value	0.95	Moisture Content	3.0 %
Dry Density	106.6 pcf	Cell Pressure	83.0 psi	Mass of wet sample & tare	700.70 g
		Back Pressure	80.0 psi	Mass of dry sample & tare	593.10 g
		Confining (Effective) Pressure	3.0 psi	Mass of tare	72.60 g
		Max Head	45.02 cm	% Moisture	20.7
		Min Head	45.02 cm		
		Maximum Gradient	6.13		
		Minimum Gradient	6.13		
TIME FUNCTION	Δ t	READING	Head	Gradient	PERMEABILITY (cm/sec)
DATE	HOUR	MIN	(sec)	(psi)	(cm)
10/19/10	19	0	-	0.64	6.13
10/19/10	19	1	60	0.64	45.02
10/19/10	19	2	60	0.64	6.13
10/19/10	19	3	60	0.64	45.02
10/19/10	19	4	60	0.64	6.13
10/19/10	19	5	60	0.64	45.02
10/19/10	19	6	60	0.64	6.13
					Reported Average Hydraulic Conductivity*
					2.1E-04 cm/sec
Flow pump ID #	22	Balance ID #	1/6/7	Differential Pressure Transducer ID #	70/68
Thermometer ID #	63	Oven ID #	14/15	Board Pressure Transducer ID #	29
Syringe ID #	141	Pore Pressure Transducer ID #			26/27
DESCRIPTION		USCS (ASTM D2487-2488)		REMARKS	
Gray White and Yellow Silty Sand		SM		Portion of sample used for testing located 9" above bottom of shelly tube.	

Table 1 (Rev.2)
Slug Test Results
C&D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Date Tested	Start Time	Monitor Well ID	Aquifer	Test ID	Rising Head Test	Falling Head Test	SWL BTOC (ft bgs)	Total Well Depth (ft bgs)	Screen Interval (ft bgs)	Screen Length (ft)	Saturated Thickness (ft)	Method of Analysis	Hydraulic Conductivity (ft/min)	Geometric Mean (ft/min)	Comments
2/8/2011	9:51	MW-36 SBR	Shallow Bedrock	MW36A	Yes		14.88	39.4	29.4 to 39.4	10	24.5	Bouwer-Rice	2.735E-03		
	9:51	MW-36 SBR	Shallow Bedrock	MW36A	Yes		14.88	39.4	29.4 to 39.4	10	24.5	Hvorslev	3.384E-03		
	9:51	MW-36 SBR	Shallow Bedrock	MW36A	Yes		14.88	39.4	29.4 to 39.4	10	24.5	KGS Model	3.525E-03		
	10:03	MW-36 SBR	Shallow Bedrock	MW36C		Yes	14.88	39.4	29.4 to 39.4	10	24.5	Bouwer-Rice	6.667E-03		
	10:03	MW-36 SBR	Shallow Bedrock	MW36C		Yes	14.88	39.4	29.4 to 39.4	10	24.5	Hvorslev	8.737E-03	4.696E-03	
	10:03	MW-36 SBR	Shallow Bedrock	MW36C		Yes	14.88	39.4	29.4 to 39.4	10	24.5	KGS Model	3.130E-03		
	10:27	MW-36 SBR	Shallow Bedrock	MW36D	Yes		14.88	39.4	29.4 to 39.4	10	24.5	Bouwer-Rice	7.385E-03		
	10:27	MW-36 SBR	Shallow Bedrock	MW36D	Yes		14.88	39.4	29.4 to 39.4	10	24.5	Hvorslev	7.785E-03		
	10:27	MW-36 SBR	Shallow Bedrock	MW36D	Yes		14.88	39.4	29.4 to 39.4	10	24.5	KGS Model	3.247E-03		
2/8/2011	12:50	MW-01	Overburden	MW-1A	Yes		12.21	20.2	10.2 to 20.2	10	8.0	Bouwer-Rice	1.551E-03		
	12:50	MW-01	Overburden	MW-1A	Yes		12.21	20.2	10.2 to 20.2	10	8.0	Hvorslev	2.492E-03		
	12:50	MW-01	Overburden	MW-1A	Yes		12.21	20.2	10.2 to 20.2	10	8.0	KGS Model	6.349E-04		
	13:21	MW-01	Overburden	MW-1B		Yes	12.21	20.2	10.2 to 20.2	10	8.0	Bouwer-Rice	2.890E-03		
	13:21	MW-01	Overburden	MW-1B		Yes	12.21	20.2	10.2 to 20.2	10	8.0	Hvorslev	3.399E-03	2.003E-03	
	13:21	MW-01	Overburden	MW-1B		Yes	12.21	20.2	10.2 to 20.2	10	8.0	KGS Model	4.782E-04		
	13:48	MW-01	Overburden	MW-1C	Yes		12.21	20.2	10.2 to 20.2	10	8.0	Bouwer-Rice	4.823E-03		
	13:48	MW-01	Overburden	MW-1C	Yes		12.21	20.2	10.2 to 20.2	10	8.0	Hvorslev	6.864E-03		
	13:48	MW-01	Overburden	MW-1C	Yes		12.21	20.2	10.2 to 20.2	10	8.0	KGS Model	1.355E-03		
2/8/2011	14:30	MW-38 SBR	Shallow Bedrock	MW38A	Yes		13.31	40.5	30.5 to 40.5	10	27.2	Bouwer-Rice	5.055E-04		
	14:30	MW-38 SBR	Shallow Bedrock	MW38A	Yes		13.31	40.5	30.5 to 40.5	10	27.2	Hvorslev	6.751E-04		
	14:30	MW-38 SBR	Shallow Bedrock	MW38A	Yes		13.31	40.5	30.5 to 40.5	10	27.2	KGS Model	2.402E-04		
	15:03	MW-38 SBR	Shallow Bedrock	MW38B		Yes	13.31	40.5	30.5 to 40.5	10	27.2	Bouwer-Rice	2.276E-04		
	15:03	MW-38 SBR	Shallow Bedrock	MW38B		Yes	13.31	40.5	30.5 to 40.5	10	27.2	Hvorslev	3.041E-04	3.562E-04	
	15:03	MW-38 SBR	Shallow Bedrock	MW38B		Yes	13.31	40.5	30.5 to 40.5	10	27.2	KGS Model	2.578E-04		
	15:26	MW-38 SBR	Shallow Bedrock	MW38C	Yes		13.31	40.5	30.5 to 40.5	10	27.2	Bouwer-Rice	4.388E-04		
	15:26	MW-38 SBR	Shallow Bedrock	MW38C	Yes		13.31	40.5	30.5 to 40.5	10	27.2	Hvorslev	6.163E-04		
	15:26	MW-38 SBR	Shallow Bedrock	MW38C	Yes		13.31	40.5	30.5 to 40.5	10	27.2	KGS Model	2.333E-04		
2/9/2011	8:45	MW-37 SBR	Shallow Bedrock	MW37A	Yes		14.48	47	37 to 47	10	32.5	Bouwer-Rice	2.064E-03		
	8:45	MW-37 SBR	Shallow Bedrock	MW37A	Yes		14.48	47	37 to 47	10	32.5	Hvorslev	2.698E-03		
	8:45	MW-37 SBR	Shallow Bedrock	MW37A	Yes		14.48	47	37 to 47	10	32.5	KGS Model	1.118E-03		
	9:06	MW-37 SBR	Shallow Bedrock	MW37B		Yes	14.48	47	37 to 47	10	32.5	Bouwer-Rice	2.875E-03		
	9:06	MW-37 SBR	Shallow Bedrock	MW37B		Yes	14.48	47	37 to 47	10	32.5	Hvorslev	3.805E-03	1.949E-03	
	9:33	MW-37 SBR	Shallow Bedrock	MW37C	Yes		14.48	47	37 to 47	10	32.5	Bouwer-Rice	1.917E-03		
	9:33	MW-37 SBR	Shallow Bedrock	MW37C	Yes		14.48	47	37 to 47	10	32.5	Hvorslev	2.246E-03		
	9:33	MW-37 SBR	Shallow Bedrock	MW37C	Yes		14.48	47	37 to 47	10	32.5	KGS Model	9.945E-04		
2/9/2011	10:12	MW-07 SBR	Shallow Bedrock	MW7SBR	Yes		23.26	47	37 to 47	10	23.7	Bouwer-Rice	1.324E-02		
	10:12	MW-07 SBR	Shallow Bedrock	MW7SBR	Yes		23.26	47	37 to 47	10	23.7	Hvorslev	2.141E-02		
	10:12	MW-07 SBR	Shallow Bedrock	MW7SBR	Yes		23.26	47	37 to 47	10	23.7	KGS Model	6.601E-03		
	10:33	MW-07 SBR	Shallow Bedrock	MW7SBR		Yes	23.26	47	37 to 47	10	23.7	Bouwer-Rice	1.335E-02		
	10:33	MW-07 SBR	Shallow Bedrock	MW7SBR		Yes	23.26	47	37 to 47	10	23.7	Hvorslev	1.401E-02	1.149E-02	
	10:33	MW-07 SBR	Shallow Bedrock	MW7SBR		Yes	23.26	47	37 to 47	10	23.7	KGS Model	5.087E-03		
	10:51	MW-07 SBR	Shallow Bedrock	MW7SRC	Yes		23.26	47	37 to 47	10	23.7	Bouwer-Rice	1.406E-02		
	10:51	MW-07 SBR	Shallow Bedrock	MW7SRC	Yes		23.26	47	37 to 47	10	23.7	Hvorslev	1.786E-02		
	10:51	MW-07 SBR	Shallow Bedrock	MW7SRC	Yes		23.26	47	37 to 47	10	23.7	KGS Model	7.776E-03		
2/9/2011	12:19	MW-28 SBR	Shallow Bedrock	MW28SBR	Yes		10.73	77	67 to 77	10	66.3	Bouwer-Rice	7.147E-03		
	12:19	MW-28 SBR	Shallow Bedrock	MW28SBR	Yes		10.73	77	67 to 77	10	66.3	Hvorslev	7.795E-03		
	12:19	MW-28 SBR	Shallow Bedrock	MW28SBR	Yes		10.73	77	67 to 77	10	66.3	KGS Model	3.207E-03		
	12:33	MW-28 SBR	Shallow Bedrock	MW28SBR		Yes	10.73	77	67 to 77	10	66.3	Bouwer-Rice	7.445E-03		
	12:33	MW-28 SBR	Shallow Bedrock	MW28SBR		Yes	10.73	77	67 to 77	10	66.3	Hvorslev	8.535E-03	5.718E-03	
	12:33	MW-28 SBR	Shallow Bedrock	MW28SBR		Yes	10.73	77	67 to 77	10	66.3	KGS Model	3.424E-03		
	12:56	MW-28 SBR	Shallow Bedrock	MW28SRC	Yes		10.73	77	67 to 77	10	66.3	Bouwer-Rice	7.105E-03		
	12:56	MW-28 SBR	Shallow Bedrock	MW28SRC	Yes		10.73	77	67 to 77	10	66.3	Hvorslev	7.368E-03		
	12:56	MW-28 SBR	Shallow Bedrock	MW28SRC	Yes		10.73	77</td							

January 31, 2011

Ms. Kristen Ritter-Rivera
Hazardous Sites Response Program
Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Drive, SE
Suite 1462 East
Atlanta, GA 30334

**Re: Additional Groundwater Assessment
C&D Technologies – 1835 Rockdale Industrial Blvd., Conyers, Rockdale County, Georgia
HSI# 10734**

Dear Ms. Ritter-Rivera:

On behalf of C&D Technologies, Inc. (C&D), URS Corporation (URS) is pleased to present this Additional Groundwater Assessment for the C&D Facility located at 1835 Rockdale Industrial Boulevard, Conyers, Rockdale County, Georgia (the Facility) and adjacent properties (collectively, the Site).

In January 2010, a Corrective Action Work Plan (CAWP) was submitted to Georgia Environmental Protection Division (EPD). The CAWP briefly summarized data gaps and proposed testing activities to support remedial alternative evaluations in the Corrective Action Plan (CAP). The focus of the CAWP is groundwater north and northeast of the main manufacturing building. Previous groundwater assessments indicate groundwater in this area is impacted by low pH and target chlorinated volatile organic compounds (VOCs) trichloroethene (TCE), tetrachloroethene (PCE) and cis-1,2-dichloroethene (DCE). These VOCs have been detected at concentrations exceeding the Georgia Hazardous Response Act (HSRA) Type 1/3 Risk Reduction Standards (RRS). Georgia EPD approved portions of the CAWP including geophysical survey testing, geophysical logging, hydrogeologic testing, aquifer testing, and infiltration testing in correspondence to C&D dated April 28, 2010.

URS submitted a Site Status Update to Georgia EPD on October 1, 2010. The Site Status Update documented the results of the geophysical survey conducted at the Site as well as provided additional evaluation of the bedrock features at the Site. Based on this evaluation, the Site Status Update presented other investigation activities; including monitoring well installation, groundwater sample collection, and hydrogeologic and infiltration testing. The field activities described in the Site Status Update were approved by Georgia EPD in email correspondence to URS and C&D via email dated October 8, 2010.

Investigation activities were initiated on Ocotober 10, 2010. This Additional Groundwater Assessment report documents recent field activities conducted at the Site and presents the remaining investigation activities required prior to submittal of the CAP.

OCTOBER 2010 GROUNDWATER ASSESSMENT ACTIVITIES

As documented in the October 2010 Site Status Update, a geophysical survey was conducted at the site May 19 through June 8, 2010 to identify major subsurface anomalies which may correspond to hydraulically significant features. Based on the results of these studies and an in-house fracture trace analysis, URS identified three monitoring well locations north and northeast of the source area (see **Figure 1**). The new monitoring well locations were selected to address the remaining data gaps in the source area by complementing the existing monitoring well network and collect additional aquifer characteristic data. The monitoring wells were installed, constructed and developed in accordance with the U.S. EPA Region IV's FBQSA TP Guidance for the Design and Installation of Monitoring Wells No. SESDGUID-101-R0.

Monitoring Well Installation – Three monitoring wells were installed October 11 through 15, 2010 using a hollow stem auger (HSA) drill rig equipped with a roller bit and air hammer by a Georgia licensed driller, AE Drilling Services, LLC, of Greenville, South Carolina. The monitoring wells were installed at the first encounter of competent shallow bedrock and were screened across the water-yielding zone in the range of 36 to 47 ft bgs. During monitoring well installation, the drill tooling was advanced three to four feet into bedrock at each monitoring well location to confirm competent bedrock was present. Rock core samples were collected at MW-37 from first encounter of competent bedrock at approximately 47 ft below ground surface (bgs) to a terminating depth of 60 ft bgs to satisfy Georgia EPD requests and verify shallow bedrock conditions. The underlying bedrock formation was penetrated using a diamond NXM coring drill stem. The cores were collected, placed in core boxes and descriptions were logged on the boring logs. Total wells depths and screened intervals of the newly installed monitoring wells are presented in the following table.

Well ID	Total Depth (ft bgs)	Screened Interval (ft bgs)	TOC Elevation (msl)
MW-36	39.4	39.4 – 29.4	922.89
MW-37	47	47 – 37	927.71
MW-38	40.5	40.5 – 30.5	923.20

msl = mean sea level

Additionally, undisturbed soil samples were collected at specific intervals by advancing a 3-inch diameter thin wall Shelby tube sampler into the soil. Shelby tube samples were collected in accordance with ASTM Standard D 2434. The Shelby tube samples were sealed with wax, labeled and transmitted to the laboratory for soil testing. The depths where the Shelby tubes were collected are indicated on the boring logs.

Monitoring wells were constructed of 2-in. diameter, pre-cleaned, flush threaded, Schedule 40 PVC with ten feet of 0.010-inch slotted screen and solid riser. Newly installed monitoring wells were completed as "stick-up" wells with an outer protective casing made of steel with a hinged, locking cap. The ground surface was completed with a 3 ft. x 3 ft. x 4 in. concrete pad. Protective bollards were also installed around each newly installed monitoring well. Boring logs will be included along with well completion

diagrams, field data sheets, field notes, and other pertinent information as required by Georgia EPD will be included in the CAWP Addendum.

Monitoring Well Development – Newly installed monitoring wells were allowed to sit a minimum of 24-hours after surface completion prior to development. The monitoring wells were developed using the pump/overpump method. A Whaler® submersible pump equipped with polyethylene discharge tubing was positioned at the top of the screened interval. During development, the pump was raised and lowered throughout the screened interval to remove residual sediments from the filter pack and establish natural aquifer conditions. Well development was considered complete when water pumped from the well was clear and free of visible sediment and pH, temperature, turbidity, and specific conductivity stabilized.

Groundwater Sample Collection – Prior to groundwater purging, groundwater level measurements were recorded at available monitoring well locations for potentiometric purposes using an electronic water level indicator. Groundwater elevations were recorded to the nearest 0.01 ft as measured from the water table to the top of well casing. URS did not collect ground water level measurements from MW-16, MW-27SBR, or OBS-3. MW-16 and MW-27SBR are located on property owned by Pittman Construction Company (Pittman). Pittman has not granted C&D permission to enter their property. OBS-3 is located on the Latex Property and could not be located due to dense vegetation. Groundwater elevation data are presented on **Table 1**. A potentiometric map is presented in **Figure 1**.

As approved in the October 8, 2010 email, groundwater samples were collected from new and selected existing monitoring wells using low-flow/low-volume sampling techniques as presented on **Table 2**. Groundwater samples were collected either using a stainless steel bladder pump equipped with disposable Teflon bladders and dedicated Teflon-lined low density polyethylene tubing or a peristaltic pump equipped with dedicated Teflon-line tubing. At monitoring wells where the recharge rate was low and low-flow methods were not successful during previous groundwater monitoring events, traditional purge methods (removal of three to five well volumes) were used. When the peristaltic pump was used for collection of groundwater samples for VOC analysis, a reverse flow technique was used for sample collection.

Groundwater samples were submitted to TestAmerica, Inc. (TA) located in Nashville, TN and analyzed for one or more of the following parameters:

- Volatile organic compounds (VOCs);
- Dissolved metals (including iron and manganese);
- Anions and Alkalinity (nitrate and sulfate), and;
- Total organic carbon (TOC).

Groundwater samples collected from the newly installed monitoring wells (MW-36, MW-37, and MW-38) were also analyzed for total and dissolved lead. VOC data were used to evaluate target VOC contaminant concentrations (i.e., TCE, PCE). The remaining parameters were used to assess general groundwater quality. The analytical methods and intended data use are presented in **Table 3**. Analytical data are summarized in **Table 4**. Complete laboratory analytical reports are included in **Attachment A**.

October 2010 Groundwater Analytical Data – Analytical data from groundwater samples collected during the October 2010 groundwater assessment confirm TCE and PCE concentrations exceeding the Georgia HSRA Type 1/3 RSS extend north and northeast from the source area (MW-5) located on the C&D Facility onto the central portions of the Pattillo and Latex Properties (see **Figure 2**). TCE and PCE were not detected in deep monitoring well MW-14 (completed at 100 ft bgs) located within the source area. TCE and PCE concentrations detected during the October 2010 groundwater assessment are presented on **Figure 2**.

Analytical data collected from the newly installed monitoring wells indicates TCE and PCE concentrations decrease sharply as groundwater flows to the north away from the source area, as indicated by the TCE concentration isopleths shown on **Figure 2**. TCE concentrations detected at new monitoring wells MW-36, MW-37, and MW-38 were orders of magnitude lower than detected at high concentration well MW-5.

October 2010 Hydrogeologic Data – As stated in the January 2010 CAWP, new monitoring wells MW-36, MW-37, and MW-38 were installed to complete data gaps relating to groundwater flow and interconnectivity and communication between the overburden, saprolite, and shallow bedrock materials within the source area. As requested by Georgia EPD, rock core samples were collected during installation of MW-37 to gather information regarding the physical properties of the shallow bedrock conditions. The core samples indicate that beneath the overburden and saprolite (weathered granite) competent shallow bedrock is present from less than one foot to greater than forty feet. The core samples confirm that the bedrock consist of a light-colored granite gneiss that is composed of muscovite, biotite, feldspar and quartz with very minor foliation.

The shallow water bearing zone occurs within the overburden soil, weathered rock and in the shallow fractured bedrock. The shallow ground water flow within the shallow bedrock is influenced by the presence of partially developed sheet fractures that were observed in the cores of the upper bedrock. The core samples are consistent with previous bedrock studies in the Conyers area that indicate the shallow weathered rock and upper shallow bedrock fractures and the deep bedrock fracture system are hydraulically separated.

Proposed Field Activities – As presented in the October 2010 Site Status Update, URS proposed to further evaluate the source area using infiltration testing. The primary objective of the infiltration testing is to gain a better understanding of natural flow pathways within the overburden, saprolite, and shallow bedrock zones. Natural flow patterns will be used to support the evaluation of potential remedial alternatives (including, but not limited to, in situ distribution of treatment materials).

As required by Georgia EPD, a Pilot Test Injection Well Notification Form was submitted to Georgia EPD Regulatory Support Program (RSP) on October 29, 2010 to conduct the infiltration testing. URS received authorization from RSP to proceed with infiltration testing on January 28, 2011. Infiltration testing activities are currently scheduled for the week of February 7, 2011.

Additionally, as part of the CAWP, URS also proposed to measure water levels at a nearby manufacturing facility that routinely pumps groundwater for use in their manufacturing process. This facility has been contacted on several occasions requesting permission to install a transducer to measure static water levels in their (currently unused) backup extraction well. URS also intended to measure the discharge rate from the extraction well currently used for process water at the facility, utilizing a non-invasive clamp-on induction flow meter to measure the discharge. Data collected from the flow meter and in-place transducers were to be used to ascertain if groundwater use offsite has the potential to influence groundwater conditions onsite. The information was also to be used to analyze the deep bedrock system and shallow aquifer-zone interconnectivity relationships. URS will continue to seek permission from site representatives of the nearby manufacturing facility to collect this data.

Conclusions – Information collected during the October 2010 Groundwater Assessment and subsequent infiltration testing will be used to evaluate and better understand site geologic and hydrogeologic conditions within the source area. As requested by Georgia EPD, URS will submit a CAWP Addendum to include additional groundwater testing activities proposed for the site including potential corrective action evaluations and pilot testing activities. The CAWP Addendum will be developed and submitted subsequent to completion of infiltration testing as this information is critical to our understanding of groundwater flow and potential in situ treatment evaluations.

If you have any questions or concerns, please contact the undersigned at 615-771-2480.

Sincerely,

URS Corporation



Craig A. Bernhoft, P.G.
Senior Project Geologist

Attachments: Certification Statements

- Attachment A TestAmerica Laboratory Reports
- Table 1 Groundwater Elevation Data – Octboer 2008 through October 2010
- Table 2 Groundwater Monitoring Summary
- Table 3 Groundwaer Analytical Methods for Sampling
- Table 4 Summary of Groundwater Analytical Results – October 2010
- Figure 1 Groundwater Elevation Potentiometric Surface Shallow Bedrock October 2010
- Figure 2 TCE/PCE Groundwater Analytical Results with TCE Concentration Isopleths October 2010

cc: Jack Waggener, URS Franklin
Jay White, URS Franklin
Walt Kozlowski (w/encs)
Aria Klees (w/o encs)
Larry Kloet, GA EPD
David Reuland, GA EPD
Scott Mayfield, Duane Morris LLP
Randall Quintrell, P.C.
Richard L. Robbins, Robbins Law, LLC
Terry Galloway, Robert Pattillo Properties, Inc.
Denny Dobbs, Dobbs Environmental

Table 1
Groundwater Elevation Data
October 2008, February 2009, and June 2009
C&D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Monitor Well ID	TOC Elevation (ft msl)	October 13 & 14, 2008		February 23, 2009		June 16, 2009		October 18, 2010	
		Depth to Water (ft btoc)	Groundwater Elevation (ft msl)						
MW-38 SBR	923.207	NM	NM	NM	NM	NM	NM	14.36	908.85
MW-37 SBR	927.71	NM	NM	NM	NM	NM	NM	16.18	911.53
MW-36 SBR	922.89	NM	NM	NM	NM	NM	NM	18.25	904.64
MW-35 SBR	905.61	NM	NM	NM	NM	8.63	896.98	15.30	890.31
MW-34 SBR	904.56	NM	NM	NM	NM	25.62	878.94	29.05	875.51
MW-33 SBR	926.88	NM	NM	NM	NM	21.28	905.60	12.11	914.77
MW-32 SBR	931.63	NM	NM	NM	NM	10.88	920.75	14.79	916.84
MW-30 SBR	926.99	NM	NM	NM	NM	5.14	921.85	6.41	920.58
MW-29 SBR	928.49	NM	NM	NM	NM	6.05	922.44	7.31	921.18
MW-28 DBR	884.8	NM	NM	NM	NM	4.18	880.62	5.95	878.85
MW-28 SBR	887.52	NM	NM	NM	NM	6.57	880.95	7.75	879.77
MW-27 SBR	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-26 SBR	913.8	NM	NM	NM	NM	13.11	900.69	17.15	896.65
MW-25 SBR	924.88	NM	NM	NM	NM	18.17	906.71	23.68	901.20
MW-24 SBR	929.32	NM	NM	6.33	922.99	4.85	924.47	6.62	922.70
MW-11 SBR	927.74	NM	NM	16.35	911.39	13.90	913.84	18.55	909.19
MW-23 SBR	927	NM	NM	23.60	903.40	17.47	909.53	26.76	900.24
MW-22 SBR	910.14	NM	NM	17.61	892.53	9.97	900.17	17.32	892.82
MW-21 DBR	908.8	NM	NM	19.56	889.24	13.16	895.64	19.51	889.29
MW-7 SBR	915.14	NM	NM	25.02	890.12	17.51	897.63	24.51	890.63
MW-8 SBR	913.58	NM	NM	14.21	899.37	11.48	902.10	14.43	899.15
MW-9 SBR	921.5	NM	NM	10.15	911.35	11.61	909.89	13.69	907.81
C&D-01	933.27	Dry	Dry	7.91	925.36	6.31	926.96	9.15	924.12
C&D-02	931.17	NM	NM	NM	NM	NM	NM	6.05	925.12
C&D-03	933.39	10.81	922.58	8.72	924.67	6.83	926.56	10.12	923.27
MW-01	916.40	NM	NM	13.74	902.66	8.94	907.46	14.12	902.28
MW-02	932.15	16.00	916.15	13.72	918.43	10.50	921.65	15.73	916.42
MW-03	927.73	NM	NM	15.24	912.49	9.45	918.28	16.61	911.12
MW-04	932.08	10.75	921.33	9.11	922.97	NM	NM	9.78	922.30
MW-05	931.73	11.74	919.99	9.19	922.54	6.80	924.93	10.97	920.76
MW-5D	932.04	13.08	918.96	10.10	921.94	7.76	924.28	12.06	919.98
MW-06	931.50	15.08	916.42	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-07	914.91	Dry	Dry	Dry	Dry	17.41	897.50	19.86	895.05
MW-08	913.66	16.19	897.47	13.37	900.29	10.41	903.25	14.50	899.16
MW-09	920.94	NM	NM	13.35	907.59	11.21	909.73	13.25	907.69
MW-10	922.96	21.42	901.54	20.15	902.81	13.47	909.49	20.58	902.38
MW-11	927.54	NM	NM	19.23	908.31	13.80	913.74	18.66	908.88
MW-12	934.10	13.55	920.55	11.66	922.44	8.82	925.28	11.86	922.24
MW-13	884.74	NM	NM	9.81	874.93	NM	NM	11.47	873.27
MW-14	930.60	65.97	864.63	82.14	848.46	71.18	859.42	40.95	889.65
MW-15	914.37	18.82	895.55	15.14	899.23	11.92	902.45	16.49	897.88
MW-16	887.32	NM	NM	8.10	879.22	NM	NM		887.32
MW-17	932.71	7.72	924.99	27.56	905.15	22.35	910.36	4.28	928.43
MW-18	932.43	10.19	922.24	8.41	924.02	6.48	925.95	9.61	922.82
MW-19	934.20	Dry	NM	Dry	Dry	8.66	925.54	8.75	925.45
MW-20	934.52	9.92	924.60	8.73	925.79	7.10	927.42	9.94	924.58
DMW-1D	922.66	21.07	901.59	19.93	902.73	12.74	909.92	20.14	902.52
DMW-2D	921.71	16.48	905.23	16.50	905.21	10.71	911.00	16.60	905.11
DMW-2S	921.73	16.17	905.56	16.36	905.37	10.43	911.30	16.76	904.97
DMW-3D	923.39	19.47	903.92	18.21	905.18	12.01	911.38	18.92	904.47
DMW-3S	923.3	19.34	903.96	18.09	905.21	11.89	911.41	18.79	904.51
DMW-4D	923.3	26.41	896.89	24.70	898.60	17.10	906.20	24.34	898.96
DMW-5D	915.25	18.86	896.39	34.80	880.45	24.67	890.58	12.40	902.85
INJ-01	932.9	10.86	922.04	8.89	924.01	NM	NM	10.11	922.79
INJ-02	913.7	16.08	897.62	13.21	900.49	NM	NM	14.33	899.37
OBS-01	932.9	10.95	921.95	9.01	923.89	NM	NM	10.33	922.57
OBS-02	932.9	10.72	922.18	8.78	924.12	NM	NM	10.18	922.72
OBS-03	913.7	16.65	897.05	13.35	900.35	NM	NM		913.70

Elevation survey has not been completed.

NM - Not Measured

ft msl - Feet Above Mean Sea Level

ft btoc - Feet Below Top of Casing

Table 2 - Groundwater Monitoring Summary
CD Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Location ID	Parameters							Analysis			Comments
	Water Level	pH	Temperature	ORP	DO	Conductivity	Turbidity	VOCs by SW 8260	Dissolved Metals ¹	Anions & Alkalinity ²	
MW-18	✓										Source area hydrogeological testing; Overburden / transition monitoring well
MW-5	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
MW-5D	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Shallow bedrock monitoring well
MW-14	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Deep bedrock monitoring well
MW-2	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
INJ-01	✓										2007 pilot test injection well; Source area hydrogeological testing; Overburden / transition monitoring well
OBS-2	✓										2007 pilot test performance monitoring well; Source area hydrogeological testing; Overburden / transition monitoring well
C&D-01	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
C&D-03	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Overburden / transition monitoring well
MW-19	✓	✓	✓	✓	✓	✓	✓	✓		✓	Source area hydrogeological testing; Shallow bedrock monitoring well
MW-20	✓	✓	✓	✓	✓	✓	✓	✓		✓	Represents background; Location anticipated to be unimpacted by pre-design testing activities
MW-3	✓	✓	✓	✓	✓	✓	✓	✓		✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well
DMW-3S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;
DMW-3D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Shallow bedrock monitoring well;
DMW-2S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;

Table 2 - Groundwater Monitoring Summary
CD Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Location ID	Parameters							Analysis				Comments
	Water Level	pH	Temperature	ORP	DO	Conductivity	Turbidity	VOCs by SW 8260	Dissolved Metals ¹	Anions & Alkalinity ²	TOC	
DMW-2D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Shallow bedrock monitoring well;
MW-36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;
MW-37	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well;
MW-38	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Downgradient plume hydrogeological testing; Overburden / transition monitoring well.

Notes:

ft = feet
 BTOC = below top of casing
 ORP = oxidation reduction potential
 DO = dissolved oxygen

VOCs = volatile organic compounds
 TOC = total organic carbon
 PMW = proposed monitoring wells

¹ Including iron and manganese, as determined necessary

² Including nitrate and sulfate, as determined necessary

³ Proposed monitoring wells will be labeled when completed.

Table 3 - Groundwater Analytical Methods for Sampling
CD Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia
HSI No. 10734

Analysis	Analytical Method	Field Instrument or Laboratory Analysis	Data Use
Water-level (groundwater)	Electric tape/flume	Field	Flow direction/elevation
pH	EPA SW-846 9040B	Field	General water quality parameter
Water temperature	EPA 170.1	Field	General water quality parameter
ORP		Field	General water quality parameter
Dissolved oxygen		Field	General water quality parameter
Specific conductance	EPA SW-846 9050A	Field	General water quality parameter
Turbidity (groundwater)	EPA 180.1	Field	General water quality parameter
Chlorinated VOCs	EPA SW-846 8260B	Laboratory	Existing target contaminants; Performance monitoring
Anions Including nitrate and sulfate	EPA SW-9056	Laboratory	General water quality parameter
Dissolved metals Including iron and manganese	EPA SW-846 6010B	Laboratory	General water quality parameter

Table 4
 Summary of Groundwater Analytical Results - October 2008, February 2009, and June 2009
 C D Technologies
 1835 Rockdale Industrial Boulevard
 Conyers, Rockdale County, Georgia

Chemical Constituent	Type 1/3 RRS																	
		C&D-01 Oct-10	C&D-03 Oct-10	MW-1 Oct-10	MW-2 Oct-10	MW-3 Oct-10	MW-4 Oct-10	MW-5 Oct-10	MW-5D Oct-10	MW-10 Oct-10	MW-10 Oct-10	MW-20 Oct-10	MW-21 DBR Oct-10	MW-22 SBR Oct-10	MW-23 SBR Oct-10	MW-24 SBR Oct-10	DMW-1D Oct-10	
Arsenic	0.05	NS	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	
Barium	2	NS	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	0.005	NS	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	0.1	NS	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	0.015	NS	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	
Mercury	0.002	NS	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	75	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
2-Butanone	2000	NS	50U	NS	50U	50U	NS	50U	50U	NS	1U	1U	NS	NS	NS	NS	NS	
Acetone	4000	NS	50U	NS	991	50U	NS	954	5010	NS	50U	50U	NS	NS	NS	NS	NS	
Carbon disulfide	4000	NS	1U	NS	1U	1U	NS	24.8	5.18	NS	1U	1U	NS	NS	NS	NS	NS	
Chloroform	100	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
cis-DCE	1	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
p-Isopropyltoluene	1	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
PCE	5	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
trans-DCE	100	NS	1U	NS	1U	1U	NS	1U	1U	NS	1U	1U	NS	NS	NS	NS	NS	
TCE	5	NS	1U	NS	-	1090	-	-	20.7	NS	-	15300	-	-	699	NS	1U	NS
Groundwater Quality (mg/L)																		
Alkalinity, Total ^a	-	NS	10U	NS	10U (A-01)	10U	NS	10.0U	10U	NS	10U	27.8	NS	NS	NS	NS	NS	
Nitrate as N	-	NS	5.45 (H2)	NS	0.202	2.45 (HT3)	NS	0.336	50U (H2)	NS	8.2 (H2)	0.100U	NS	NS	NS	NS	NS	
Sulfate	-	NS	6980	NS	2400 (H2)	530	NS	1750	18500	NS	212	NS	NS	NS	NS	NS	NS	
TOC	-	NS	6.62	NS	8.63	1U	NS	53	125	NS	1.35	1.0U	NS	NS	NS	NS	NS	
Iron (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	0.0500U (P7)	0.0500U (P7)	NS	NS	NS	NS	NS	
Manganese (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	0.983 (P7)	0.594 (P7)	NS	NS	NS	NS	NS	
Lead (Dissolved)	-	NS	NA	NS	NA	NA	NS	NA	NA	NS	NA	NA	NS	NS	NS	NS	NS	
Chemical Constituent	Type 1/3 RRS	MW-6 Oct-10	MW-7 Oct-10	MW-7 SBR Oct-10	MW-8 Oct-10	MW-8 SBR Oct-10	MW-9 Oct-10	MW-9 SBR Oct-10	MW-10 Oct-10	DMW-2D Oct-10	DMW-2S Oct-10	DMW-3D Oct-10	DMW-3S Oct-10	DMW-4D Oct-10	DMW-5D Oct-10	INJ-01 Oct-10	INJ-02 Oct-10	
		NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NS	NS	
Arsenic	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	2	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NS	NS	NS	
Cadmium	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NS	NS	NS	
Chromium	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NS	NS	NS	
Lead	0.015	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NS	NS	NS	
Mercury	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NS	NS	NS	
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
2-Butanone	2000	NS	NS	NS	NS	NS	NS	NS	NS	50U	50U	50U	50U	NS	NS	NS	NS	
Acetone	4000	NS	NS	NS	NS	NS	NS	NS	NS	50U	50U	50U	50U	NS	NS	NS	NS	
Carbon disulfide	4000	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
Chloroform	100	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
cis-DCE	1	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
PCE	5	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
trans-DCE	100	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
TCE	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	93.4	1U	36.7	1.02	NS	NS	NS	
Groundwater Quality (mg/L)																		
Alkalinity, Total ^a	-	NS	NS	NS	NS	NS	NS	NS	NS	10U (A-01)	10U (A-01)	10U (A-01)	10U	NS	NS	NS	NS	
Nitrate as N	-	NS	NS	NS	NS	NS	NS	NS	NS	0.738	1.07	2.14	0.967 (HT3)	NS	NS	NS	NS	
Sulfate	-	NS	NS	NS	NS	NS	NS	NS	NS	147 (H2)	98.1 (H2)	410 (H2)	81 (H2)	NS	NS	NS	NS	
TOC	-	NS	NS	NS	NS	NS	NS	NS	NS	1U	1U	1U	1U	NS	NS	NS	NS	
Iron (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0500U	0.0500U	0.0500U	0.0500U	NS	NS	NS	NS
Manganese (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.67	0.620	2.37	0.667	NS	NS	NS	NS
Lead (Dissolved)	-	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	

Table 4
Summary of Groundwater Analytical Results - October 2008, February 2009, and June 2009
C D Technologies
1835 Rockdale Industrial Boulevard
Conyers, Rockdale County, Georgia

Chemical Constituent	Type 3 RRS	MW-11	MW-11 SBR	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	OBS-1	OBS-2	OBS-3	MW-25 SBR	MW-26 SBR	MW-27 SBR	MW-28 SBR	MW-28 DBR
		Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Arsenic	0.05	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Barium	2	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Cadmium	0.005	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Chromium	0.1	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Lead	0.015	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
Mercury	0.002	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS						
1,4-Dichlorobenzene	75	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
2-Butanone	2000	NS	NS	NS	NS	50U	NS	NS	NS	NS	NS						
Acetone	4000	NS	NS	NS	NS	50U	NS	NS	NS	NS	NS						
Carbon disulfide	4000	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
Chloroform	100	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
cis-DCE	1	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
p-Isopropyltoluene	1	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
PCE	5	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
trans-DCE	100	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						
TCE	5	NS	NS	NS	NS	1U	NS	NS	NS	NS	NS						

Groundwater Quality (mg/L)		MW-29 SBR	MW-30 SBR	MW-32 SBR	MW-33 SBR	MW-34 SBR	MW-35 SBR	MW-36 SBR	MW-37 SBR	MW-38 SBR
Chemical Constituent	Type 3 RRS	Oct-10	Oct-10	Oct-10						
Arsenic	0.05	NS	NS	NS	NS	NS	NA	NA	NA	NA
Barium	2	NS	NS	NS	NS	NS	NA	NA	NA	NA
Cadmium	0.005	NS	NS	NS	NS	NS	NA	NA	NA	NA
Chromium	0.1	NS	NS	NS	NS	NS	NA	NA	NA	NA
Lead	0.015	NS	NS	NS	NS	NS	0.500U	0.500U (M4)	0.500U	
Mercury	0.002	NS	NS	NS	NS	NS	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	1U	1U	1U	
2-Butanone	2000	NS	NS	NS	NS	NS	50U	50U	50U	
Acetone	4000	NS	NS	NS	NS	NS	50U	50U	50U	
Carbon disulfide	4000	NS	NS	NS	NS	NS	1U	1U	1U	
Chloroform	100	NS	NS	NS	NS	NS	1.96	7.9	1U	
cis-DCE	1	NS	NS	NS	NS	NS	1U	1U	1U	
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	1U	1U	1U	
PCE	5	NS	NS	NS	NS	NS	2.89	2.59	1.16	
trans-DCE	100	NS	NS	NS	NS	NS	1U	1U	1U	
TCE	5	NS	NS	NS	NS	NS	217	460	486	

Chemical Constituent	Type 3 RRS	MW-29 SBR	MW-30 SBR	MW-32 SBR	MW-33 SBR	MW-34 SBR	MW-35 SBR	MW-36 SBR	MW-37 SBR	MW-38 SBR
		Oct-10	Oct-10	Oct-10						
Arsenic	0.05	NS	NS	NS	NS	NS	NA	NA	NA	NA
Barium	2	NS	NS	NS	NS	NS	NA	NA	NA	NA
Cadmium	0.005	NS	NS	NS	NS	NS	NA	NA	NA	NA
Chromium	0.1	NS	NS	NS	NS	NS	NA	NA	NA	NA
Lead	0.015	NS	NS	NS	NS	NS	0.500U	0.500U (M4)	0.500U	
Mercury	0.002	NS	NS	NS	NS	NS	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NS	NS	NS	NS	NS	1U	1U	1U	
2-Butanone	2000	NS	NS	NS	NS	NS	50U	50U	50U	
Acetone	4000	NS	NS	NS	NS	NS	50U	50U	50U	
Carbon disulfide	4000	NS	NS	NS	NS	NS	1U	1U	1U	
Chloroform	100	NS	NS	NS	NS	NS	1.96	7.9	1U	
cis-DCE	1	NS	NS	NS	NS	NS	1U	1U	1U	
p-Isopropyltoluene	1	NS	NS	NS	NS	NS	1U	1U	1U	
PCE	5	NS	NS	NS	NS	NS	2.89	2.59	1.16	
trans-DCE	100	NS	NS	NS	NS	NS	1U	1U	1U	
TCE	5	NS	NS	NS	NS	NS	217	460	486	

Groundwater Quality (mg/L)		MW-29 SBR	MW-30 SBR	MW-32 SBR	MW-33 SBR	MW-34 SBR	MW-35 SBR	MW-36 SBR	MW-37 SBR	MW-38 SBR
Chemical Constituent	Type 3 RRS	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10	Oct-10
Alkalinity, Total*	-	NS	NS	NS	NS	NS	10U (A-01)	10U (A-01)	10U	
Nitrate as N	-	NS	NS	NS	NS	NS	0.958	0.725	1.35	
Sulfate	-	NS	NS	NS	NS	NS	2640 (H2)	4780 (H2)	5480 (H2)	
TOC	-	NS	NS	NS	NS	NS	1.72	2.48	2.92	
Iron (Dissolved)	-	NS	NS	NS	NS	NS	4.6	43.6 (HMA)	82.4	
Manganese (Dissolved)	-	NS	NS	NS	NS	NS	8.03	50.6 (HMA)	94.2	
Lead (Dissolved)	-	NS	NS	NS	NS	NS	0.377	0.158	0.500U	

Abbreviations:

cis-DCE - cis-1,2-Dichloroethene

trans-DCE - trans-1,2-Dichloroethene

PCE - Tetrachloroethene

TCE - Trichloroethene

NA - Not Analyzed

NS - Not Sampled

Notes:

Type 1/3 RRS are in accordance with GA HSRA Criteria for Type 3 Standards (GA HSRA Rule 391-3-19-.07).

Bold indicates concentrations above detection limit.

Shading indicates concentrations exceeding the Type 3 RRSs

U indicates below detection limit

P7 - Sample filtered in lab

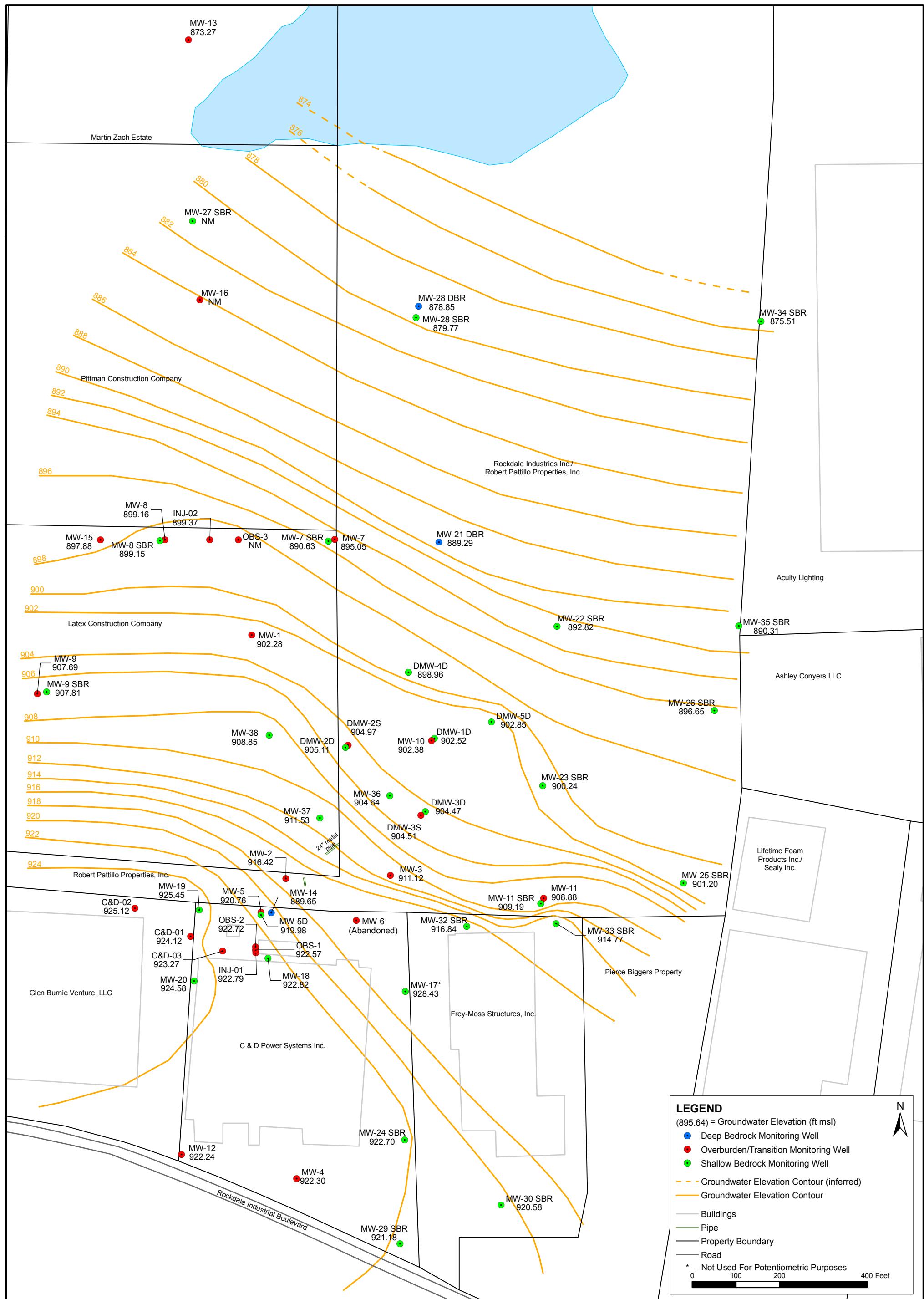
H2 - Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

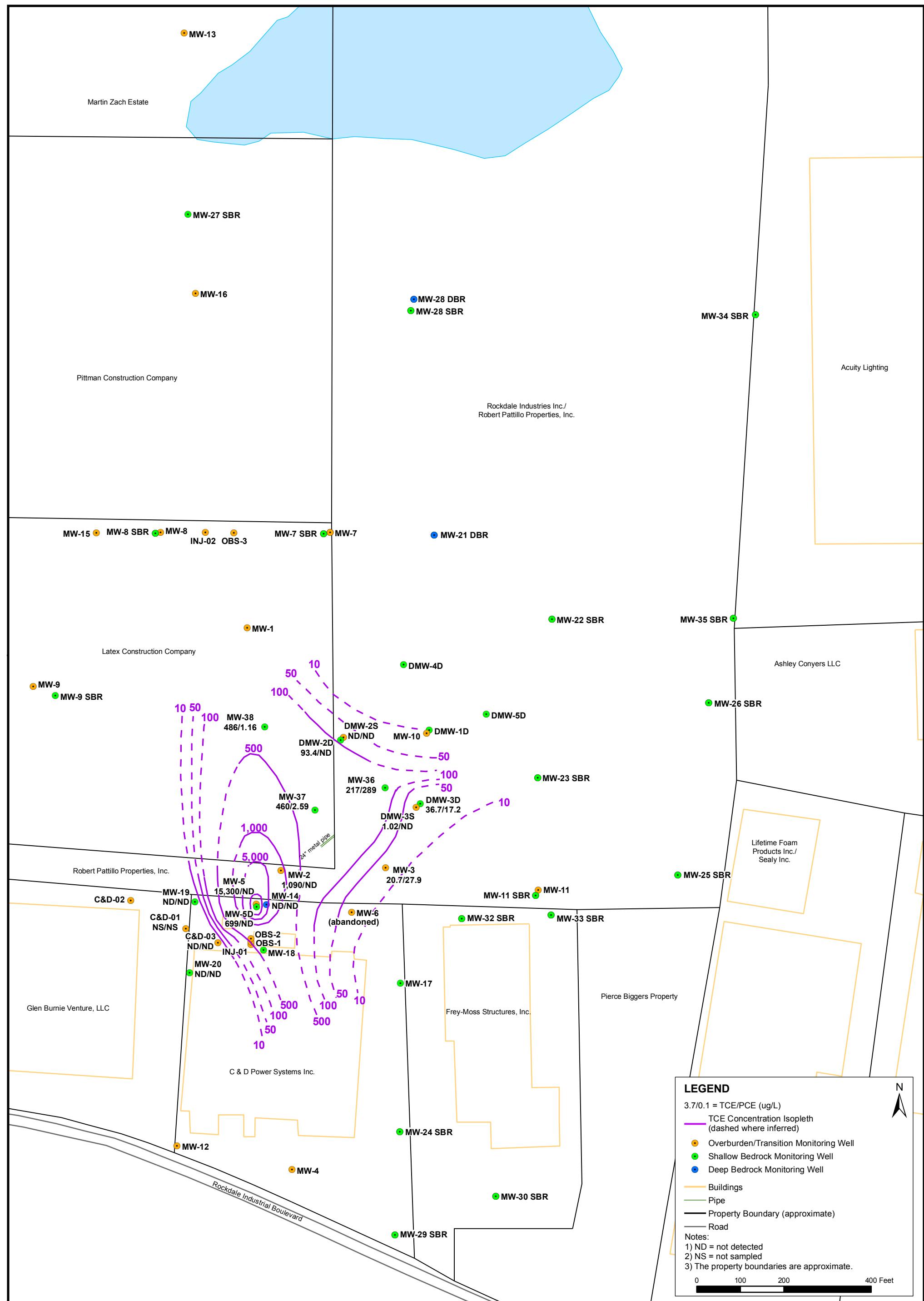
A-01 - Sample titrated <4.5 due to sample matrix

HT3 - Sample received with insufficient holding time remaining for analysis to be performed within the method's holding time requirements

M4 - The MS/MSD required dilution due to matrix interference, result not valid. See Blank Spike (LCS)

MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS)





C & D TECHNOLOGIES, INC.
1835 Industrial Blvd.
Convers, Georgia

URS
Franklin, Tennessee

OCTOBER 2010 TCE/PCE GROUNDWATER ANALYTICAL RESULTS WITH TCE CONCENTRATION ISOPLETHS

PROJECT NO:
20500332 .00001
FIGURE NO:
2

November 12, 2010 8:52:29AM

Client: URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn: Craig Bernhoft

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Nbr: 20500332.00001
P/O Nbr: Craig.Bernhoft@urscorp.com
Date Received: 10/20/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-20	NTJ2388-01	10/19/10 11:25
MW-5	NTJ2388-02	10/19/10 12:50
C&D-03	NTJ2388-03	10/19/10 13:05
MW-5D	NTJ2388-04	10/19/10 14:35
MW-19	NTJ2388-05	10/19/10 15:20
TB-1	NTJ2388-06	10/19/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Georgia Certification Number: E87358

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-01 (MW-20 - Ground Water) Sampled: 10/19/10 11:25								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	27.8		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	ND		mg/L	0.100	1	10/20/10 20:29	SW846 9056	10J3865
Total Organic Carbon	ND		mg/L	1.00	1	10/28/10 13:18	SW846 9060A	10J5394
Dissolved Metals by EPA Method 6010B								
Iron	ND	P7	mg/L	0.0500	1	10/27/10 04:23	SW846 6010B	10J3918
Manganese	0.594	P7	mg/L	0.0150	1	10/27/10 04:23	SW846 6010B	10J3918
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/21/10 14:03	SW846 8260B	10J3293
Benzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromochloromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromodichloromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromoform	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Bromomethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2-Butanone	ND		ug/L	50.0	1	10/21/10 14:03	SW846 8260B	10J3293
sec-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
n-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
tert-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Carbon disulfide	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Carbon Tetrachloride	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chlorodibromomethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chloroform	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Chloromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
4-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Dibromomethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,3-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-01 (MW-20 - Ground Water) - cont. Sampled: 10/19/10 11:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Ethylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Hexachlorobutadiene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
2-Hexanone	ND		ug/L	50.0	1	10/21/10 14:03	SW846 8260B	10J3293
Isopropylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
p-Isopropyltoluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Methylene Chloride	ND		ug/L	5.00	1	10/21/10 14:03	SW846 8260B	10J3293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/21/10 14:03	SW846 8260B	10J3293
Naphthalene	ND		ug/L	5.00	1	10/21/10 14:03	SW846 8260B	10J3293
n-Propylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Styrene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Tetrachloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Toluene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Trichloroethene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Trichlorofluoromethane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Vinyl chloride	ND		ug/L	1.00	1	10/21/10 14:03	SW846 8260B	10J3293
Xylenes, total	ND		ug/L	3.00	1	10/21/10 14:03	SW846 8260B	10J3293
Surr: 1,2-Dichloroethane-d4 (63-140%)	78 %					10/21/10 14:03	SW846 8260B	10J3293
Surr: Dibromofluoromethane (73-131%)	91 %					10/21/10 14:03	SW846 8260B	10J3293
Surr: Toluene-d8 (80-120%)	96 %					10/21/10 14:03	SW846 8260B	10J3293
Surr: 4-Bromofluorobenzene (79-125%)	99 %					10/21/10 14:03	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-02 (MW-5 - Ground Water) Sampled: 10/19/10 12:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	0.336		mg/L	0.100	1	10/20/10 21:27	SW846 9056	10J3865
Sulfate	1750		mg/L	50.0	50	11/07/10 05:57	SW846 9056	10J3865
Total Organic Carbon	53.0		mg/L	5.00	5	10/29/10 14:53	SW846 9060A	10J5753
Volatile Organic Compounds by EPA Method 8260B								
Acetone	954		ug/L	50.0	1	10/21/10 14:31	SW846 8260B	10J3293
Benzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromochloromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromodichloromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromoform	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Bromomethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2-Butanone	ND		ug/L	50.0	1	10/21/10 14:31	SW846 8260B	10J3293
sec-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
n-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
tert-Butylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Carbon disulfide	24.8		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Carbon Tetrachloride	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chlorodibromomethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chloroform	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Chloromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
4-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Dibromomethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,3-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1-Dichloropropene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-02 (MW-5 - Ground Water) - cont. Sampled: 10/19/10 12:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Hexachlorobutadiene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
2-Hexanone	ND		ug/L	50.0	1	10/21/10 14:31	SW846 8260B	10J3293
Isopropylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
p-Isopropyltoluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Methylene Chloride	ND		ug/L	5.00	1	10/21/10 14:31	SW846 8260B	10J3293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/21/10 14:31	SW846 8260B	10J3293
Naphthalene	ND		ug/L	5.00	1	10/21/10 14:31	SW846 8260B	10J3293
n-Propylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Styrene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Tetrachloroethene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Toluene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Trichloroethene	15300		ug/L	500	500	10/22/10 20:47	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Vinyl chloride	ND		ug/L	1.00	1	10/21/10 14:31	SW846 8260B	10J3293
Xylenes, total	ND		ug/L	3.00	1	10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	76 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	74 %					10/22/10 20:47	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	91 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: Dibromofluoromethane (73-131%)</i>	89 %					10/22/10 20:47	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: Toluene-d8 (80-120%)</i>	98 %					10/22/10 20:47	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	100 %					10/21/10 14:31	SW846 8260B	10J3293
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/22/10 20:47	SW846 8260B	10J4379

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-03 (C&D-03 - Ground Water) Sampled: 10/19/10 13:05								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	5.45	H2	mg/L	5.00	50	11/07/10 06:37	SW846 9056	10J3865
Sulfate	6980		mg/L	1000	1000	11/07/10 06:17	SW846 9056	10J3865
Total Organic Carbon	6.62		mg/L	1.00	1	10/28/10 13:18	SW846 9060A	10J5394
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/22/10 18:28	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromochloromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromodichloromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromoform	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Bromomethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2-Butanone	ND		ug/L	50.0	1	10/22/10 18:28	SW846 8260B	10J4379
sec-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
n-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
tert-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Carbon disulfide	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Carbon Tetrachloride	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chlorodibromomethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chloroform	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Chloromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
4-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Dibromomethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,3-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-03 (C&D-03 - Ground Water) - cont. Sampled: 10/19/10 13:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Hexachlorobutadiene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
2-Hexanone	ND		ug/L	50.0	1	10/22/10 18:28	SW846 8260B	10J4379
Isopropylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
p-Isopropyltoluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Methylene Chloride	ND		ug/L	5.00	1	10/22/10 18:28	SW846 8260B	10J4379
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/22/10 18:28	SW846 8260B	10J4379
Naphthalene	ND		ug/L	5.00	1	10/22/10 18:28	SW846 8260B	10J4379
n-Propylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Styrene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Tetrachloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Toluene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Trichloroethene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Vinyl chloride	ND		ug/L	1.00	1	10/22/10 18:28	SW846 8260B	10J4379
Xylenes, total	ND		ug/L	3.00	1	10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	76 %					10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	91 %					10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	100 %					10/22/10 18:28	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	96 %					10/22/10 18:28	SW846 8260B	10J4379

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-04 (MW-5D - Ground Water) Sampled: 10/19/10 14:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	ND	H2	mg/L	50.0	500	11/07/10 07:17	SW846 9056	10J3865
Sulfate	18500		mg/L	1000	1000	11/07/10 06:57	SW846 9056	10J3865
Total Organic Carbon	125		mg/L	5.00	5	10/29/10 14:53	SW846 9060A	10J5753
Volatile Organic Compounds by EPA Method 8260B								
Acetone	5010		ug/L	500	10	10/22/10 20:19	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromochloromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromodichloromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromoform	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Bromomethane	2.82		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2-Butanone	ND		ug/L	50.0	1	10/21/10 15:27	SW846 8260B	10J3293
sec-Butylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
n-Butylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
tert-Butylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Carbon disulfide	5.18		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Carbon Tetrachloride	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chlorodibromomethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chloroform	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Chloromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
4-Chlorotoluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Dibromomethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1-Dichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1-Dichloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,3-Dichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2,2-Dichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1-Dichloropropene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-04 (MW-5D - Ground Water) - cont. Sampled: 10/19/10 14:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Hexachlorobutadiene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
2-Hexanone	ND		ug/L	50.0	1	10/21/10 15:27	SW846 8260B	10J3293
Isopropylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
p-Isopropyltoluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Methylene Chloride	ND		ug/L	5.00	1	10/21/10 15:27	SW846 8260B	10J3293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/21/10 15:27	SW846 8260B	10J3293
Naphthalene	ND		ug/L	5.00	1	10/21/10 15:27	SW846 8260B	10J3293
n-Propylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Styrene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Tetrachloroethene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Toluene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Trichloroethene	699		ug/L	10.0	10	10/22/10 20:19	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Vinyl chloride	ND		ug/L	1.00	1	10/21/10 15:27	SW846 8260B	10J3293
Xylenes, total	ND		ug/L	3.00	1	10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	82 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	73 %					10/22/10 20:19	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	93 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: Dibromofluoromethane (73-131%)</i>	87 %					10/22/10 20:19	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/22/10 20:19	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	97 %					10/21/10 15:27	SW846 8260B	10J3293
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	96 %					10/22/10 20:19	SW846 8260B	10J4379

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-05 (MW-19 - Ground Water) Sampled: 10/19/10 15:20								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	8.20	H2	mg/L	1.00	10	11/07/10 07:57	SW846 9056	10J3865
Sulfate	212		mg/L	10.0	10	11/07/10 07:37	SW846 9056	10J3865
Total Organic Carbon	1.35		mg/L	1.00	1	10/28/10 13:18	SW846 9060A	10J5394
Dissolved Metals by EPA Method 6010B								
Iron	ND	P7	mg/L	0.0500	1	10/27/10 04:38	SW846 6010B	10J3918
Manganese	0.983	P7	mg/L	0.0150	1	10/27/10 04:38	SW846 6010B	10J3918
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/22/10 18:56	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromochloromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromodichloromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromoform	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Bromomethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
2-Butanone	ND		ug/L	50.0	1	10/22/10 18:56	SW846 8260B	10J4379
sec-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
n-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
tert-Butylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Carbon disulfide	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Carbon Tetrachloride	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chlorodibromomethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chloroform	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Chloromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
2-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
4-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Dibromomethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,3-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-05 (MW-19 - Ground Water) - cont. Sampled: 10/19/10 15:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1-Dichloropropene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Ethylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Hexachlorobutadiene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
2-Hexanone	ND		ug/L	50.0	1	10/22/10 18:56	SW846 8260B	10J4379
Isopropylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
p-Isopropyltoluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Methylene Chloride	ND		ug/L	5.00	1	10/22/10 18:56	SW846 8260B	10J4379
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/22/10 18:56	SW846 8260B	10J4379
Naphthalene	ND		ug/L	5.00	1	10/22/10 18:56	SW846 8260B	10J4379
n-Propylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Styrene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Tetrachloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Toluene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Trichloroethene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Vinyl chloride	ND		ug/L	1.00	1	10/22/10 18:56	SW846 8260B	10J4379
Xylenes, total	ND		ug/L	3.00	1	10/22/10 18:56	SW846 8260B	10J4379
Surr: 1,2-Dichloroethane-d4 (63-140%)	75 %					10/22/10 18:56	SW846 8260B	10J4379
Surr: Dibromofluoromethane (73-131%)	91 %					10/22/10 18:56	SW846 8260B	10J4379
Surr: Toluene-d8 (80-120%)	100 %					10/22/10 18:56	SW846 8260B	10J4379
Surr: 4-Bromofluorobenzene (79-125%)	97 %					10/22/10 18:56	SW846 8260B	10J4379

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-06 (TB-1 - Water) Sampled: 10/19/10 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/22/10 13:21	SW846 8260B	10J4379
Benzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromochloromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromodichloromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromoform	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Bromomethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2-Butanone	ND		ug/L	50.0	1	10/22/10 13:21	SW846 8260B	10J4379
sec-Butylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
n-Butylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
tert-Butylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Carbon disulfide	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Carbon Tetrachloride	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chlorodibromomethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chloroform	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Chloromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
4-Chlorotoluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Dibromomethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1-Dichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1-Dichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,3-Dichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2,2-Dichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1-Dichloropropene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Ethylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Hexachlorobutadiene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
2-Hexanone	ND		ug/L	50.0	1	10/22/10 13:21	SW846 8260B	10J4379
Isopropylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
p-Isopropyltoluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2388-06 (TB-1 - Water) - cont. Sampled: 10/19/10 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Methylene Chloride	ND		ug/L	5.00	1	10/22/10 13:21	SW846 8260B	10J4379
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/22/10 13:21	SW846 8260B	10J4379
Naphthalene	ND		ug/L	5.00	1	10/22/10 13:21	SW846 8260B	10J4379
n-Propylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Styrene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Tetrachloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Toluene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Trichloroethene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Trichlorofluoromethane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Vinyl chloride	ND		ug/L	1.00	1	10/22/10 13:21	SW846 8260B	10J4379
Xylenes, total	ND		ug/L	3.00	1	10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	74 %					10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: Dibromofluoromethane (73-131%)</i>	88 %					10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: Toluene-d8 (80-120%)</i>	98 %					10/22/10 13:21	SW846 8260B	10J4379
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/22/10 13:21	SW846 8260B	10J4379

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Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	10J3918	NTJ2388-01	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J3918	NTJ2388-01	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J3918	NTJ2388-05	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J3918	NTJ2388-05	50.00	50.00	10/26/10 09:45	ALJ	EPA 3010A / 6010 D

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Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10J3865-BLK1						
Nitrate as N	<0.0100		mg/L	10J3865	10J3865-BLK1	10/20/10 19:50
Sulfate	<0.110		mg/L	10J3865	10J3865-BLK1	10/20/10 19:50
10J3865-BLK2						
Nitrate as N	<0.0100		mg/L	10J3865	10J3865-BLK2	11/07/10 05:17
Sulfate	<0.110		mg/L	10J3865	10J3865-BLK2	11/07/10 05:17
10J4948-BLK1						
Alkalinity, Total (CaCO ₃)	6.89		mg/L	10J4948	10J4948-BLK1	11/01/10 20:42
10J5394-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5394	10J5394-BLK1	10/28/10 13:18
10J5753-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5753	10J5753-BLK1	10/29/10 14:53
Dissolved Metals by EPA Method 6010B						
10J3918-BLK1						
Iron	<0.0490		mg/L	10J3918	10J3918-BLK1	10/27/10 04:17
Manganese	<0.00100		mg/L	10J3918	10J3918-BLK1	10/27/10 04:17
Volatile Organic Compounds by EPA Method 8260B						
10J3293-BLK1						
Acetone	<25.0		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Benzene	<0.270		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromobenzene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromochloromethane	<0.440		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromodichloromethane	<0.370		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromoform	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Bromomethane	<0.470		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2-Butanone	<1.70		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
sec-Butylbenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
n-Butylbenzene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
tert-Butylbenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Carbon disulfide	<0.290		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Carbon Tetrachloride	<0.270		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chlorobenzene	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chlorodibromomethane	<0.300		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chloroethane	<0.410		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chloroform	<0.470		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Chloromethane	<0.180		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2-Chlorotoluene	<0.250		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J3293-BLK1						
4-Chlorotoluene	<0.270		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Dibromomethane	<0.430		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,4-Dichlorobenzene	<0.250		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,3-Dichlorobenzene	<0.490		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dichlorobenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Dichlorodifluoromethane	<0.140		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1-Dichloroethane	<0.320		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dichloroethane	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
cis-1,2-Dichloroethene	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1-Dichloroethene	<0.360		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
trans-1,2-Dichloroethene	<0.360		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,3-Dichloropropane	<0.280		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2-Dichloropropane	<0.330		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2,2-Dichloropropane	<0.260		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
cis-1,3-Dichloropropene	<0.190		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
trans-1,3-Dichloropropene	<0.160		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1-Dichloropropene	<0.300		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Ethylbenzene	<0.320		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Hexachlorobutadiene	<0.310		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
2-Hexanone	<2.20		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Isopropylbenzene	<0.240		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
p-Isopropyltoluene	<0.210		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Methyl tert-Butyl Ether	<0.320		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Methylene Chloride	<0.150		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
4-Methyl-2-pentanone	<1.60		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Naphthalene	<0.170		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
n-Propylbenzene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Styrene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Tetrachloroethene	<0.220		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Toluene	<0.330		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,3-Trichlorobenzene	<0.140		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,4-Trichlorobenzene	<0.240		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,2-Trichloroethane	<0.380		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,1,1-Trichloroethane	<0.350		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Trichloroethene	<0.370		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Trichlorofluoromethane	<0.300		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,3-Trichloropropane	<0.460		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43

Client	URS Corporation (6171)	Work Order:	NTJ2388
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J3293-BLK1						
1,3,5-Trimethylbenzene	<0.230		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
1,2,4-Trimethylbenzene	<0.200		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Vinyl chloride	<0.360		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Xylenes, total	<0.870		ug/L	10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: 1,2-Dichloroethane-d4	75%			10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: Dibromofluoromethane	89%			10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: Toluene-d8	98%			10J3293	10J3293-BLK1	10/21/10 11:43
Surrogate: 4-Bromofluorobenzene	98%			10J3293	10J3293-BLK1	10/21/10 11:43
10J4379-BLK1						
Acetone	<25.0		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Benzene	<0.270		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromobenzene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromochloromethane	<0.440		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromodichloromethane	<0.370		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromoform	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Bromomethane	<0.470		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2-Butanone	<1.70		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
sec-Butylbenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
n-Butylbenzene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
tert-Butylbenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Carbon disulfide	<0.290		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Carbon Tetrachloride	<0.270		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chlorobenzene	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chlorodibromomethane	<0.300		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chloroethane	<0.410		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chloroform	<0.470		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Chloromethane	<0.180		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2-Chlorotoluene	<0.250		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
4-Chlorotoluene	<0.270		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Dibromomethane	<0.430		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,4-Dichlorobenzene	<0.250		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,3-Dichlorobenzene	<0.490		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dichlorobenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Dichlorodifluoromethane	<0.140		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1-Dichloroethane	<0.320		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dichloroethane	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
cis-1,2-Dichloroethene	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1-Dichloroethene	<0.360		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4379-BLK1						
trans-1,2-Dichloroethene	<0.360		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,3-Dichloropropane	<0.280		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2-Dichloropropane	<0.330		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2,2-Dichloropropane	<0.260		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
cis-1,3-Dichloropropene	<0.190		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
trans-1,3-Dichloropropene	<0.160		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1-Dichloropropene	<0.300		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Ethylbenzene	<0.320		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Hexachlorobutadiene	<0.310		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
2-Hexanone	<2.20		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Isopropylbenzene	<0.240		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
p-Isopropyltoluene	<0.210		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Methyl tert-Butyl Ether	<0.320		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Methylene Chloride	<0.150		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
4-Methyl-2-pentanone	<1.60		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Naphthalene	<0.170		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
n-Propylbenzene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Styrene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Tetrachloroethene	<0.220		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Toluene	<0.330		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,3-Trichlorobenzene	<0.140		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,4-Trichlorobenzene	<0.240		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,2-Trichloroethane	<0.380		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,1,1-Trichloroethane	<0.350		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Trichloroethene	<0.370		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Trichlorofluoromethane	<0.300		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,3-Trichloropropane	<0.460		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,3,5-Trimethylbenzene	<0.230		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
1,2,4-Trimethylbenzene	<0.200		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Vinyl chloride	<0.360		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Xylenes, total	<0.870		ug/L	10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: 1,2-Dichloroethane-d4	74%			10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: Dibromofluoromethane	88%			10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: Toluene-d8	95%			10J4379	10J4379-BLK1	10/22/10 12:25
Surrogate: 4-Bromofluorobenzene	97%			10J4379	10J4379-BLK1	10/22/10 12:25

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J3865-DUP1										
Nitrate as N	ND	0.718		mg/L		20	10J3865	NTJ2388-05		10/20/10 22:44
10J3865-DUP2										
Nitrate as N	8.20	0.827	R	mg/L	163	20	10J3865	NTJ2388-05RE1		11/07/10 08:38
Sulfate	2530	ND		mg/L		20	10J3865	NTJ2388-05RE1		11/07/10 08:38
10J3865-DUP3										
Nitrate as N	8.20	1.11	R	mg/L	152	20	10J3865	NTJ2388-05RE1		11/07/10 08:17
Sulfate	2530	206	R	mg/L	170	20	10J3865	NTJ2388-05RE1		11/07/10 08:17
10J4948-DUP1										
Alkalinity, Total (CaCO ₃)	43.4	47.7		mg/L	10	20	10J4948	NTJ2229-06		11/01/10 20:42
10J5394-DUP1										
Total Organic Carbon	5.40	5.50		mg/L	2	20	10J5394	NTJ2463-28		10/28/10 13:18
10J5753-DUP1										
Total Organic Carbon	6.35	6.40		mg/L	0.8	20	10J5753	NTJ3290-02		10/29/10 14:53

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1000 Corporate Center, Suite 250
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Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10J3865-BS1								
Nitrate as N	3.00	2.88		mg/L	96%	90 - 110	10J3865	10/20/10 20:10
Sulfate	15.0	14.4		mg/L	96%	90 - 110	10J3865	10/20/10 20:10
10J3865-BS2								
Nitrate as N	3.00	3.31		mg/L	110%	90 - 110	10J3865	11/07/10 05:37
Sulfate	15.0	16.1		mg/L	107%	90 - 110	10J3865	11/07/10 05:37
10J4948-BS1								
Alkalinity, Total (CaCO ₃)	100	105		mg/L	105%	90 - 110	10J4948	11/01/10 20:42
10J5394-BS1								
Total Organic Carbon	10.0	9.86		mg/L	99%	90 - 110	10J5394	10/28/10 13:18
10J5753-BS1								
Total Organic Carbon	10.0	10.2		mg/L	102%	90 - 110	10J5753	10/29/10 14:53
Dissolved Metals by EPA Method 6010B								
10J3918-BS1								
Iron	1.00	0.944		mg/L	94%	80 - 120	10J3918	10/27/10 04:20
Manganese	0.500	0.475		mg/L	95%	80 - 120	10J3918	10/27/10 04:20
Volatile Organic Compounds by EPA Method 8260B								
10J3293-BS1								
Acetone	250	260		ug/L	104%	56 - 150	10J3293	10/21/10 09:52
Benzene	50.0	46.9		ug/L	94%	80 - 121	10J3293	10/21/10 09:52
Bromobenzene	50.0	44.2		ug/L	88%	72 - 130	10J3293	10/21/10 09:52
Bromochloromethane	50.0	44.4		ug/L	89%	73 - 137	10J3293	10/21/10 09:52
Bromodichloromethane	50.0	42.6		ug/L	85%	75 - 131	10J3293	10/21/10 09:52
Bromoform	50.0	44.6		ug/L	89%	65 - 140	10J3293	10/21/10 09:52
Bromomethane	50.0	46.0		ug/L	92%	50 - 150	10J3293	10/21/10 09:52
2-Butanone	250	249		ug/L	100%	70 - 144	10J3293	10/21/10 09:52
sec-Butylbenzene	50.0	44.2		ug/L	88%	72 - 140	10J3293	10/21/10 09:52
n-Butylbenzene	50.0	42.5		ug/L	85%	68 - 140	10J3293	10/21/10 09:52
tert-Butylbenzene	50.0	43.0		ug/L	86%	76 - 135	10J3293	10/21/10 09:52
Carbon disulfide	50.0	46.8		ug/L	94%	74 - 137	10J3293	10/21/10 09:52
Carbon Tetrachloride	50.0	38.1		ug/L	76%	71 - 137	10J3293	10/21/10 09:52
Chlorobenzene	50.0	44.2		ug/L	88%	80 - 121	10J3293	10/21/10 09:52
Chlorodibromomethane	50.0	48.3		ug/L	97%	68 - 137	10J3293	10/21/10 09:52
Chloroethane	50.0	44.1		ug/L	88%	50 - 146	10J3293	10/21/10 09:52
Chloroform	50.0	43.1		ug/L	86%	73 - 131	10J3293	10/21/10 09:52
Chloromethane	50.0	50.7		ug/L	101%	30 - 132	10J3293	10/21/10 09:52
2-Chlorotoluene	50.0	44.2		ug/L	88%	74 - 135	10J3293	10/21/10 09:52

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 Attn Craig Bernhoff

Work Order: NTJ2388
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 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J3293-BS1								
4-Chlorotoluene	50.0	44.1		ug/L	88%	74 - 132	10J3293	10/21/10 09:52
1,2-Dibromo-3-chloropropane	50.0	42.8		ug/L	86%	56 - 145	10J3293	10/21/10 09:52
1,2-Dibromoethane (EDB)	50.0	48.4		ug/L	97%	80 - 135	10J3293	10/21/10 09:52
Dibromomethane	50.0	51.3		ug/L	103%	78 - 133	10J3293	10/21/10 09:52
1,4-Dichlorobenzene	50.0	42.2		ug/L	84%	80 - 120	10J3293	10/21/10 09:52
1,3-Dichlorobenzene	50.0	45.2		ug/L	90%	80 - 128	10J3293	10/21/10 09:52
1,2-Dichlorobenzene	50.0	44.7		ug/L	89%	80 - 125	10J3293	10/21/10 09:52
Dichlorodifluoromethane	50.0	29.6		ug/L	59%	30 - 132	10J3293	10/21/10 09:52
1,1-Dichloroethane	50.0	42.8		ug/L	86%	75 - 125	10J3293	10/21/10 09:52
1,2-Dichloroethane	50.0	34.8		ug/L	70%	70 - 134	10J3293	10/21/10 09:52
cis-1,2-Dichloroethene	50.0	42.1		ug/L	84%	71 - 132	10J3293	10/21/10 09:52
1,1-Dichloroethene	50.0	47.3		ug/L	95%	73 - 125	10J3293	10/21/10 09:52
trans-1,2-Dichloroethene	50.0	43.9		ug/L	88%	77 - 125	10J3293	10/21/10 09:52
1,3-Dichloropropane	50.0	44.8		ug/L	90%	76 - 125	10J3293	10/21/10 09:52
1,2-Dichloropropane	50.0	45.2		ug/L	90%	72 - 120	10J3293	10/21/10 09:52
2,2-Dichloropropane	50.0	42.1		ug/L	84%	50 - 150	10J3293	10/21/10 09:52
cis-1,3-Dichloropropene	50.0	57.6		ug/L	115%	70 - 140	10J3293	10/21/10 09:52
trans-1,3-Dichloropropene	50.0	49.6		ug/L	99%	62 - 139	10J3293	10/21/10 09:52
1,1-Dichloropropene	50.0	43.5		ug/L	87%	78 - 126	10J3293	10/21/10 09:52
Ethylbenzene	50.0	49.3		ug/L	99%	78 - 133	10J3293	10/21/10 09:52
Hexachlorobutadiene	50.0	44.7		ug/L	89%	70 - 150	10J3293	10/21/10 09:52
2-Hexanone	250	222		ug/L	89%	60 - 150	10J3293	10/21/10 09:52
Isopropylbenzene	50.0	50.1		ug/L	100%	69 - 120	10J3293	10/21/10 09:52
p-Isopropyltoluene	50.0	43.0		ug/L	86%	72 - 134	10J3293	10/21/10 09:52
Methyl tert-Butyl Ether	50.0	45.4		ug/L	91%	76 - 120	10J3293	10/21/10 09:52
Methylene Chloride	50.0	47.6		ug/L	95%	80 - 133	10J3293	10/21/10 09:52
4-Methyl-2-pentanone	250	270		ug/L	108%	62 - 146	10J3293	10/21/10 09:52
Naphthalene	50.0	41.4		ug/L	83%	71 - 139	10J3293	10/21/10 09:52
n-Propylbenzene	50.0	47.5		ug/L	95%	70 - 143	10J3293	10/21/10 09:52
Styrene	50.0	48.2		ug/L	96%	80 - 136	10J3293	10/21/10 09:52
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/L	94%	80 - 130	10J3293	10/21/10 09:52
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/L	92%	73 - 131	10J3293	10/21/10 09:52
Tetrachloroethene	50.0	43.9		ug/L	88%	77 - 131	10J3293	10/21/10 09:52
Toluene	50.0	45.6		ug/L	91%	78 - 125	10J3293	10/21/10 09:52
1,2,3-Trichlorobenzene	50.0	41.2		ug/L	82%	71 - 138	10J3293	10/21/10 09:52
1,2,4-Trichlorobenzene	50.0	42.7		ug/L	85%	74 - 136	10J3293	10/21/10 09:52
1,1,2-Trichloroethane	50.0	45.0		ug/L	90%	80 - 123	10J3293	10/21/10 09:52
1,1,1-Trichloroethane	50.0	38.8		ug/L	78%	75 - 137	10J3293	10/21/10 09:52
Trichloroethene	50.0	44.5		ug/L	89%	74 - 139	10J3293	10/21/10 09:52
Trichlorofluoromethane	50.0	33.1		ug/L	66%	60 - 133	10J3293	10/21/10 09:52
1,2,3-Trichloropropane	50.0	47.2		ug/L	94%	64 - 127	10J3293	10/21/10 09:52

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J3293-BS1								
1,3,5-Trimethylbenzene	50.0	48.0		ug/L	96%	75 - 134	10J3293	10/21/10 09:52
1,2,4-Trimethylbenzene	50.0	47.8		ug/L	96%	77 - 134	10J3293	10/21/10 09:52
Vinyl chloride	50.0	45.2		ug/L	90%	60 - 122	10J3293	10/21/10 09:52
Xylenes, total	150	146		ug/L	97%	78 - 134	10J3293	10/21/10 09:52
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	17.6			70%	63 - 140	10J3293	10/21/10 09:52
<i>Surrogate: Dibromoform</i>	25.0	22.3			89%	73 - 131	10J3293	10/21/10 09:52
<i>Surrogate: Toluene-d8</i>	25.0	24.6			99%	80 - 120	10J3293	10/21/10 09:52
<i>Surrogate: 4-Bromoform</i>	25.0	23.9			96%	79 - 125	10J3293	10/21/10 09:52
10J4379-BS1								
Acetone	250	236		ug/L	94%	56 - 150	10J4379	10/22/10 11:01
Benzene	50.0	48.2		ug/L	96%	80 - 121	10J4379	10/22/10 11:01
Bromobenzene	50.0	46.1		ug/L	92%	72 - 130	10J4379	10/22/10 11:01
Bromochloromethane	50.0	47.5		ug/L	95%	73 - 137	10J4379	10/22/10 11:01
Bromodichloromethane	50.0	44.0		ug/L	88%	75 - 131	10J4379	10/22/10 11:01
Bromoform	50.0	45.6		ug/L	91%	65 - 140	10J4379	10/22/10 11:01
Bromomethane	50.0	42.9		ug/L	86%	50 - 150	10J4379	10/22/10 11:01
2-Butanone	250	245		ug/L	98%	70 - 144	10J4379	10/22/10 11:01
sec-Butylbenzene	50.0	47.8		ug/L	96%	72 - 140	10J4379	10/22/10 11:01
n-Butylbenzene	50.0	45.8		ug/L	92%	68 - 140	10J4379	10/22/10 11:01
tert-Butylbenzene	50.0	46.9		ug/L	94%	76 - 135	10J4379	10/22/10 11:01
Carbon disulfide	50.0	47.8		ug/L	96%	74 - 137	10J4379	10/22/10 11:01
Carbon Tetrachloride	50.0	39.9		ug/L	80%	71 - 137	10J4379	10/22/10 11:01
Chlorobenzene	50.0	46.0		ug/L	92%	80 - 121	10J4379	10/22/10 11:01
Chlorodibromomethane	50.0	47.9		ug/L	96%	68 - 137	10J4379	10/22/10 11:01
Chloroethane	50.0	45.4		ug/L	91%	50 - 146	10J4379	10/22/10 11:01
Chloroform	50.0	44.1		ug/L	88%	73 - 131	10J4379	10/22/10 11:01
Chloromethane	50.0	51.2		ug/L	102%	30 - 132	10J4379	10/22/10 11:01
2-Chlorotoluene	50.0	47.0		ug/L	94%	74 - 135	10J4379	10/22/10 11:01
4-Chlorotoluene	50.0	46.8		ug/L	94%	74 - 132	10J4379	10/22/10 11:01
1,2-Dibromo-3-chloropropane	50.0	48.3		ug/L	97%	56 - 145	10J4379	10/22/10 11:01
1,2-Dibromoethane (EDB)	50.0	49.1		ug/L	98%	80 - 135	10J4379	10/22/10 11:01
Dibromomethane	50.0	55.2		ug/L	110%	78 - 133	10J4379	10/22/10 11:01
1,4-Dichlorobenzene	50.0	44.4		ug/L	89%	80 - 120	10J4379	10/22/10 11:01
1,3-Dichlorobenzene	50.0	48.0		ug/L	96%	80 - 128	10J4379	10/22/10 11:01
1,2-Dichlorobenzene	50.0	46.7		ug/L	93%	80 - 125	10J4379	10/22/10 11:01
Dichlorodifluoromethane	50.0	28.6		ug/L	57%	30 - 132	10J4379	10/22/10 11:01
1,1-Dichloroethane	50.0	43.6		ug/L	87%	75 - 125	10J4379	10/22/10 11:01
1,2-Dichloroethane	50.0	35.0		ug/L	70%	70 - 134	10J4379	10/22/10 11:01
cis-1,2-Dichloroethene	50.0	42.7		ug/L	85%	71 - 132	10J4379	10/22/10 11:01
1,1-Dichloroethene	50.0	48.7		ug/L	97%	73 - 125	10J4379	10/22/10 11:01

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4379-BS1								
trans-1,2-Dichloroethene	50.0	44.8		ug/L	90%	77 - 125	10J4379	10/22/10 11:01
1,3-Dichloropropane	50.0	44.0		ug/L	88%	76 - 125	10J4379	10/22/10 11:01
1,2-Dichloropropane	50.0	46.8		ug/L	94%	72 - 120	10J4379	10/22/10 11:01
2,2-Dichloropropane	50.0	42.4		ug/L	85%	50 - 150	10J4379	10/22/10 11:01
cis-1,3-Dichloropropene	50.0	56.7		ug/L	113%	70 - 140	10J4379	10/22/10 11:01
trans-1,3-Dichloropropene	50.0	48.8		ug/L	98%	62 - 139	10J4379	10/22/10 11:01
1,1-Dichloropropene	50.0	45.4		ug/L	91%	78 - 126	10J4379	10/22/10 11:01
Ethylbenzene	50.0	49.8		ug/L	100%	78 - 133	10J4379	10/22/10 11:01
Hexachlorobutadiene	50.0	48.4		ug/L	97%	70 - 150	10J4379	10/22/10 11:01
2-Hexanone	250	216		ug/L	87%	60 - 150	10J4379	10/22/10 11:01
Isopropylbenzene	50.0	51.5		ug/L	103%	69 - 120	10J4379	10/22/10 11:01
p-Isopropyltoluene	50.0	46.2		ug/L	92%	72 - 134	10J4379	10/22/10 11:01
Methyl tert-Butyl Ether	50.0	47.5		ug/L	95%	76 - 120	10J4379	10/22/10 11:01
Methylene Chloride	50.0	49.3		ug/L	99%	80 - 133	10J4379	10/22/10 11:01
4-Methyl-2-pentanone	250	264		ug/L	105%	62 - 146	10J4379	10/22/10 11:01
Naphthalene	50.0	45.7		ug/L	91%	71 - 139	10J4379	10/22/10 11:01
n-Propylbenzene	50.0	50.9		ug/L	102%	70 - 143	10J4379	10/22/10 11:01
Styrene	50.0	48.8		ug/L	98%	80 - 136	10J4379	10/22/10 11:01
1,1,1,2-Tetrachloroethane	50.0	47.8		ug/L	96%	80 - 130	10J4379	10/22/10 11:01
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/L	96%	73 - 131	10J4379	10/22/10 11:01
Tetrachloroethene	50.0	43.9		ug/L	88%	77 - 131	10J4379	10/22/10 11:01
Toluene	50.0	45.7		ug/L	91%	78 - 125	10J4379	10/22/10 11:01
1,2,3-Trichlorobenzene	50.0	45.0		ug/L	90%	71 - 138	10J4379	10/22/10 11:01
1,2,4-Trichlorobenzene	50.0	47.5		ug/L	95%	74 - 136	10J4379	10/22/10 11:01
1,1,2-Trichloroethane	50.0	43.9		ug/L	88%	80 - 123	10J4379	10/22/10 11:01
1,1,1-Trichloroethane	50.0	40.6		ug/L	81%	75 - 137	10J4379	10/22/10 11:01
Trichloroethene	50.0	46.5		ug/L	93%	74 - 139	10J4379	10/22/10 11:01
Trichlorofluoromethane	50.0	32.8		ug/L	66%	60 - 133	10J4379	10/22/10 11:01
1,2,3-Trichloropropane	50.0	48.6		ug/L	97%	64 - 127	10J4379	10/22/10 11:01
1,3,5-Trimethylbenzene	50.0	51.5		ug/L	103%	75 - 134	10J4379	10/22/10 11:01
1,2,4-Trimethylbenzene	50.0	51.2		ug/L	102%	77 - 134	10J4379	10/22/10 11:01
Vinyl chloride	50.0	45.9		ug/L	92%	60 - 122	10J4379	10/22/10 11:01
Xylenes, total	150	148		ug/L	98%	78 - 134	10J4379	10/22/10 11:01
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	17.5			70%	63 - 140	10J4379	10/22/10 11:01
<i>Surrogate: Dibromofluoromethane</i>	25.0	22.0			88%	73 - 131	10J4379	10/22/10 11:01
<i>Surrogate: Toluene-d8</i>	25.0	23.6			95%	80 - 120	10J4379	10/22/10 11:01
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	24.8			99%	79 - 125	10J4379	10/22/10 11:01

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J5753-BSD1												
Total Organic Carbon	10.7			mg/L	10.0	107%	90 - 110	4	20	10J5753		10/29/10 14:53
Volatile Organic Compounds by EPA Method 8260B												
10J3293-BSD1												
Acetone	250			ug/L	250	100%	56 - 150	4	31	10J3293		10/21/10 10:20
Benzene	48.6			ug/L	50.0	97%	80 - 121	4	12	10J3293		10/21/10 10:20
Bromobenzene	46.3			ug/L	50.0	93%	72 - 130	5	23	10J3293		10/21/10 10:20
Bromochloromethane	45.5			ug/L	50.0	91%	73 - 137	2	32	10J3293		10/21/10 10:20
Bromodichloromethane	44.4			ug/L	50.0	89%	75 - 131	4	13	10J3293		10/21/10 10:20
Bromoform	45.2			ug/L	50.0	90%	65 - 140	1	18	10J3293		10/21/10 10:20
Bromomethane	48.3			ug/L	50.0	97%	50 - 150	5	50	10J3293		10/21/10 10:20
2-Butanone	254			ug/L	250	102%	70 - 144	2	37	10J3293		10/21/10 10:20
sec-Butylbenzene	46.8			ug/L	50.0	94%	72 - 140	6	21	10J3293		10/21/10 10:20
n-Butylbenzene	44.8			ug/L	50.0	90%	68 - 140	5	11	10J3293		10/21/10 10:20
tert-Butylbenzene	45.5			ug/L	50.0	91%	76 - 135	6	20	10J3293		10/21/10 10:20
Carbon disulfide	48.6			ug/L	50.0	97%	74 - 137	4	28	10J3293		10/21/10 10:20
Carbon Tetrachloride	39.8			ug/L	50.0	80%	71 - 137	4	26	10J3293		10/21/10 10:20
Chlorobenzene	46.3			ug/L	50.0	93%	80 - 121	5	11	10J3293		10/21/10 10:20
Chlorodibromomethane	49.2			ug/L	50.0	98%	68 - 137	2	16	10J3293		10/21/10 10:20
Chloroethane	45.3			ug/L	50.0	91%	50 - 146	3	35	10J3293		10/21/10 10:20
Chloroform	44.5			ug/L	50.0	89%	73 - 131	3	32	10J3293		10/21/10 10:20
Chloromethane	51.4			ug/L	50.0	103%	30 - 132	1	34	10J3293		10/21/10 10:20
2-Chlorotoluene	46.8			ug/L	50.0	94%	74 - 135	6	22	10J3293		10/21/10 10:20
4-Chlorotoluene	46.8			ug/L	50.0	94%	74 - 132	6	22	10J3293		10/21/10 10:20
1,2-Dibromo-3-chloropropane	44.0			ug/L	50.0	88%	56 - 145	3	21	10J3293		10/21/10 10:20
1,2-Dibromoethane (EDB)	48.2			ug/L	50.0	96%	80 - 135	0.5	10	10J3293		10/21/10 10:20
Dibromomethane	52.7			ug/L	50.0	105%	78 - 133	3	11	10J3293		10/21/10 10:20
1,4-Dichlorobenzene	44.0			ug/L	50.0	88%	80 - 120	4	10	10J3293		10/21/10 10:20
1,3-Dichlorobenzene	47.6			ug/L	50.0	95%	80 - 128	5	18	10J3293		10/21/10 10:20
1,2-Dichlorobenzene	46.7			ug/L	50.0	93%	80 - 125	4	11	10J3293		10/21/10 10:20
Dichlorodifluoromethane	30.2			ug/L	50.0	60%	30 - 132	2	32	10J3293		10/21/10 10:20
1,1-Dichloroethane	44.4			ug/L	50.0	89%	75 - 125	4	34	10J3293		10/21/10 10:20
1,2-Dichloroethane	35.8			ug/L	50.0	72%	70 - 134	3	25	10J3293		10/21/10 10:20
cis-1,2-Dichloroethene	43.4			ug/L	50.0	87%	71 - 132	3	32	10J3293		10/21/10 10:20
1,1-Dichloroethene	49.0			ug/L	50.0	98%	73 - 125	4	31	10J3293		10/21/10 10:20
trans-1,2-Dichloroethene	45.6			ug/L	50.0	91%	77 - 125	4	32	10J3293		10/21/10 10:20
1,3-Dichloropropane	45.2			ug/L	50.0	90%	76 - 125	0.8	20	10J3293		10/21/10 10:20
1,2-Dichloropropane	47.1			ug/L	50.0	94%	72 - 120	4	11	10J3293		10/21/10 10:20
2,2-Dichloropropane	43.2			ug/L	50.0	86%	50 - 150	3	11	10J3293		10/21/10 10:20
cis-1,3-Dichloropropene	57.9			ug/L	50.0	116%	70 - 140	0.4	35	10J3293		10/21/10 10:20
trans-1,3-Dichloropropene	49.8			ug/L	50.0	100%	62 - 139	0.5	26	10J3293		10/21/10 10:20

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J3293-BSD1												
1,1-Dichloropropene	45.2			ug/L	50.0	90%	78 - 126	4	18	10J3293		10/21/10 10:20
Ethylbenzene	49.9			ug/L	50.0	100%	78 - 133	1	12	10J3293		10/21/10 10:20
Hexachlorobutadiene	47.1			ug/L	50.0	94%	70 - 150	5	21	10J3293		10/21/10 10:20
2-Hexanone	219			ug/L	250	88%	60 - 150	1	20	10J3293		10/21/10 10:20
Isopropylbenzene	50.7			ug/L	50.0	101%	69 - 120	1	15	10J3293		10/21/10 10:20
p-Isopropyltoluene	45.4			ug/L	50.0	91%	72 - 134	5	18	10J3293		10/21/10 10:20
Methyl tert-Butyl Ether	45.1			ug/L	50.0	90%	76 - 120	0.6	32	10J3293		10/21/10 10:20
Methylene Chloride	49.0			ug/L	50.0	98%	80 - 133	3	36	10J3293		10/21/10 10:20
4-Methyl-2-pentanone	269			ug/L	250	108%	62 - 146	0.07	35	10J3293		10/21/10 10:20
Naphthalene	42.8			ug/L	50.0	86%	71 - 139	4	30	10J3293		10/21/10 10:20
n-Propylbenzene	50.2			ug/L	50.0	100%	70 - 143	6	23	10J3293		10/21/10 10:20
Styrene	49.0			ug/L	50.0	98%	80 - 136	2	29	10J3293		10/21/10 10:20
1,1,1,2-Tetrachloroethane	48.1			ug/L	50.0	96%	80 - 130	3	11	10J3293		10/21/10 10:20
1,1,2,2-Tetrachloroethane	47.5			ug/L	50.0	95%	73 - 131	4	28	10J3293		10/21/10 10:20
Tetrachloroethene	44.8			ug/L	50.0	90%	77 - 131	2	16	10J3293		10/21/10 10:20
Toluene	46.5			ug/L	50.0	93%	78 - 125	2	35	10J3293		10/21/10 10:20
1,2,3-Trichlorobenzene	43.2			ug/L	50.0	86%	71 - 138	5	28	10J3293		10/21/10 10:20
1,2,4-Trichlorobenzene	44.9			ug/L	50.0	90%	74 - 136	5	23	10J3293		10/21/10 10:20
1,1,2-Trichloroethane	44.8			ug/L	50.0	90%	80 - 123	0.6	21	10J3293		10/21/10 10:20
1,1,1-Trichloroethane	40.4			ug/L	50.0	81%	75 - 137	4	29	10J3293		10/21/10 10:20
Trichloroethene	46.2			ug/L	50.0	92%	74 - 139	4	11	10J3293		10/21/10 10:20
Trichlorofluoromethane	33.6			ug/L	50.0	67%	60 - 133	2	33	10J3293		10/21/10 10:20
1,2,3-Trichloropropane	49.0			ug/L	50.0	98%	64 - 127	4	25	10J3293		10/21/10 10:20
1,3,5-Trimethylbenzene	50.9			ug/L	50.0	102%	75 - 134	6	21	10J3293		10/21/10 10:20
1,2,4-Trimethylbenzene	50.6			ug/L	50.0	101%	77 - 134	6	20	10J3293		10/21/10 10:20
Vinyl chloride	46.4			ug/L	50.0	93%	60 - 122	3	32	10J3293		10/21/10 10:20
Xylenes, total	147			ug/L	150	98%	78 - 134	1	18	10J3293		10/21/10 10:20
Surrogate: 1,2-Dichloroethane-d4	17.6			ug/L	25.0	70%	63 - 140			10J3293		10/21/10 10:20
Surrogate: Dibromofluoromethane	22.1			ug/L	25.0	89%	73 - 131			10J3293		10/21/10 10:20
Surrogate: Toluene-d8	23.9			ug/L	25.0	96%	80 - 120			10J3293		10/21/10 10:20
Surrogate: 4-Bromofluorobenzene	24.2			ug/L	25.0	97%	79 - 125			10J3293		10/21/10 10:20

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2388
		Project Name:	C&D Conyers GA
Attn	Craig Bernhoff	Project Number:	20500332.00001
		Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10J3865-MS1										
Nitrate as N	ND	2.90		mg/L	3.00	97%	80 - 120	10J3865	NTJ2388-01	10/20/10 20:48
Sulfate	7.28	21.3		mg/L	15.0	93%	80 - 120	10J3865	NTJ2388-01	10/20/10 20:48
10J4948-MS1										
Alkalinity, Total (CaCO ₃)	42.9	135		mg/L	100	93%	80 - 120	10J4948	NTJ2229-05	11/01/10 20:42
10J5394-MS1										
Total Organic Carbon	ND	20.0		mg/L	20.0	100%	66 - 135	10J5394	NTJ2388-01	10/28/10 13:18
10J5753-MS1										
Total Organic Carbon	5.89	22.7		mg/L	20.0	84%	66 - 135	10J5753	NTJ3290-01	10/29/10 14:53
Dissolved Metals by EPA Method 6010B										
10J3918-MS1										
Iron	0.502	1.36		mg/L	1.00	86%	75 - 125	10J3918	NTJ2420-01	10/27/10 04:44
Manganese	0.0331	0.511		mg/L	0.500	96%	75 - 125	10J3918	NTJ2420-01	10/27/10 04:44
Volatile Organic Compounds by EPA Method 8260B										
10J3293-MS1										
Acetone	ND	248		ug/L	250	99%	56 - 150	10J3293	NTJ2136-01	10/21/10 19:10
Benzene	ND	49.4		ug/L	50.0	99%	65 - 151	10J3293	NTJ2136-01	10/21/10 19:10
Bromobenzene	ND	45.2		ug/L	50.0	90%	69 - 142	10J3293	NTJ2136-01	10/21/10 19:10
Bromochloromethane	ND	46.0		ug/L	50.0	92%	64 - 154	10J3293	NTJ2136-01	10/21/10 19:10
Bromodichloromethane	ND	46.6		ug/L	50.0	93%	75 - 138	10J3293	NTJ2136-01	10/21/10 19:10
Bromoform	ND	47.5		ug/L	50.0	95%	55 - 153	10J3293	NTJ2136-01	10/21/10 19:10
Bromomethane	ND	41.9		ug/L	50.0	84%	13 - 176	10J3293	NTJ2136-01	10/21/10 19:10
2-Butanone	ND	242		ug/L	250	97%	45 - 164	10J3293	NTJ2136-01	10/21/10 19:10
sec-Butylbenzene	ND	44.7		ug/L	50.0	89%	68 - 159	10J3293	NTJ2136-01	10/21/10 19:10
n-Butylbenzene	ND	42.1		ug/L	50.0	84%	67 - 151	10J3293	NTJ2136-01	10/21/10 19:10
tert-Butylbenzene	ND	43.7		ug/L	50.0	87%	73 - 153	10J3293	NTJ2136-01	10/21/10 19:10
Carbon disulfide	ND	44.5		ug/L	50.0	89%	33 - 187	10J3293	NTJ2136-01	10/21/10 19:10
Carbon Tetrachloride	ND	43.2		ug/L	50.0	86%	64 - 157	10J3293	NTJ2136-01	10/21/10 19:10
Chlorobenzene	ND	48.8		ug/L	50.0	98%	78 - 136	10J3293	NTJ2136-01	10/21/10 19:10
Chlorodibromomethane	ND	55.3		ug/L	50.0	111%	64 - 145	10J3293	NTJ2136-01	10/21/10 19:10
Chloroethane	ND	46.9		ug/L	50.0	94%	48 - 159	10J3293	NTJ2136-01	10/21/10 19:10
Chloroform	ND	47.9		ug/L	50.0	96%	72 - 145	10J3293	NTJ2136-01	10/21/10 19:10
Chloromethane	ND	47.2		ug/L	50.0	94%	10 - 194	10J3293	NTJ2136-01	10/21/10 19:10
2-Chlorotoluene	ND	45.7		ug/L	50.0	91%	66 - 155	10J3293	NTJ2136-01	10/21/10 19:10
4-Chlorotoluene	ND	46.2		ug/L	50.0	92%	69 - 149	10J3293	NTJ2136-01	10/21/10 19:10

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J3293-MS1										
1,2-Dibromo-3-chloropropane	ND	38.8		ug/L	50.0	78%	49 - 162	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dibromoethane (EDB)	ND	50.8		ug/L	50.0	102%	70 - 152	10J3293	NTJ2136-01	10/21/10 19:10
Dibromomethane	ND	54.1		ug/L	50.0	108%	75 - 141	10J3293	NTJ2136-01	10/21/10 19:10
1,4-Dichlorobenzene	ND	43.4		ug/L	50.0	87%	75 - 135	10J3293	NTJ2136-01	10/21/10 19:10
1,3-Dichlorobenzene	ND	46.4		ug/L	50.0	93%	72 - 146	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dichlorobenzene	ND	45.6		ug/L	50.0	91%	80 - 136	10J3293	NTJ2136-01	10/21/10 19:10
Dichlorodifluoromethane	ND	30.7		ug/L	50.0	61%	23 - 159	10J3293	NTJ2136-01	10/21/10 19:10
1,1-Dichloroethane	ND	47.1		ug/L	50.0	94%	64 - 154	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dichloroethane	ND	37.4		ug/L	50.0	75%	72 - 137	10J3293	NTJ2136-01	10/21/10 19:10
cis-1,2-Dichloroethene	ND	44.8		ug/L	50.0	90%	57 - 154	10J3293	NTJ2136-01	10/21/10 19:10
1,1-Dichloroethene	ND	49.1		ug/L	50.0	98%	34 - 151	10J3293	NTJ2136-01	10/21/10 19:10
trans-1,2-Dichloroethene	ND	46.0		ug/L	50.0	92%	57 - 157	10J3293	NTJ2136-01	10/21/10 19:10
1,3-Dichloropropane	ND	51.1		ug/L	50.0	102%	71 - 137	10J3293	NTJ2136-01	10/21/10 19:10
1,2-Dichloropropane	ND	48.9		ug/L	50.0	98%	71 - 139	10J3293	NTJ2136-01	10/21/10 19:10
2,2-Dichloropropane	ND	44.4		ug/L	50.0	89%	10 - 198	10J3293	NTJ2136-01	10/21/10 19:10
cis-1,3-Dichloropropene	ND	59.7		ug/L	50.0	119%	56 - 156	10J3293	NTJ2136-01	10/21/10 19:10
trans-1,3-Dichloropropene	ND	51.3		ug/L	50.0	103%	47 - 157	10J3293	NTJ2136-01	10/21/10 19:10
1,1-Dichloropropene	ND	45.8		ug/L	50.0	92%	70 - 155	10J3293	NTJ2136-01	10/21/10 19:10
Ethylbenzene	ND	52.6		ug/L	50.0	105%	68 - 157	10J3293	NTJ2136-01	10/21/10 19:10
Hexachlorobutadiene	ND	39.2		ug/L	50.0	78%	47 - 173	10J3293	NTJ2136-01	10/21/10 19:10
2-Hexanone	ND	242		ug/L	250	97%	57 - 154	10J3293	NTJ2136-01	10/21/10 19:10
Isopropylbenzene	ND	53.5		ug/L	50.0	107%	69 - 139	10J3293	NTJ2136-01	10/21/10 19:10
p-Isopropyltoluene	ND	43.5		ug/L	50.0	87%	69 - 151	10J3293	NTJ2136-01	10/21/10 19:10
Methyl tert-Butyl Ether	ND	45.5		ug/L	50.0	91%	56 - 152	10J3293	NTJ2136-01	10/21/10 19:10
Methylene Chloride	ND	50.1		ug/L	50.0	100%	71 - 136	10J3293	NTJ2136-01	10/21/10 19:10
4-Methyl-2-pentanone	ND	285		ug/L	250	114%	62 - 159	10J3293	NTJ2136-01	10/21/10 19:10
Naphthalene	ND	34.6		ug/L	50.0	69%	56 - 161	10J3293	NTJ2136-01	10/21/10 19:10
n-Propylbenzene	ND	49.1		ug/L	50.0	98%	61 - 167	10J3293	NTJ2136-01	10/21/10 19:10
Styrene	ND	51.3		ug/L	50.0	103%	69 - 150	10J3293	NTJ2136-01	10/21/10 19:10
1,1,1,2-Tetrachloroethane	ND	52.1		ug/L	50.0	104%	80 - 140	10J3293	NTJ2136-01	10/21/10 19:10
1,1,2,2-Tetrachloroethane	ND	47.3		ug/L	50.0	95%	76 - 141	10J3293	NTJ2136-01	10/21/10 19:10
Tetrachloroethene	ND	48.8		ug/L	50.0	98%	63 - 155	10J3293	NTJ2136-01	10/21/10 19:10
Toluene	ND	48.5		ug/L	50.0	97%	61 - 153	10J3293	NTJ2136-01	10/21/10 19:10
1,2,3-Trichlorobenzene	ND	34.3		ug/L	50.0	69%	57 - 155	10J3293	NTJ2136-01	10/21/10 19:10
1,2,4-Trichlorobenzene	ND	37.5		ug/L	50.0	75%	64 - 147	10J3293	NTJ2136-01	10/21/10 19:10
1,1,2-Trichloroethane	ND	48.4		ug/L	50.0	97%	74 - 138	10J3293	NTJ2136-01	10/21/10 19:10
1,1,1-Trichloroethane	ND	43.4		ug/L	50.0	87%	78 - 153	10J3293	NTJ2136-01	10/21/10 19:10

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J3293-MS1										
Trichloroethene	ND	47.1		ug/L	50.0	94%	74 - 139	10J3293	NTJ2136-01	10/21/10 19:10
Trichlorofluoromethane	ND	35.1		ug/L	50.0	70%	53 - 149	10J3293	NTJ2136-01	10/21/10 19:10
1,2,3-Trichloropropane	ND	48.1		ug/L	50.0	96%	49 - 148	10J3293	NTJ2136-01	10/21/10 19:10
1,3,5-Trimethylbenzene	ND	49.2		ug/L	50.0	98%	67 - 151	10J3293	NTJ2136-01	10/21/10 19:10
1,2,4-Trimethylbenzene	ND	48.9		ug/L	50.0	98%	69 - 150	10J3293	NTJ2136-01	10/21/10 19:10
Vinyl chloride	ND	46.6		ug/L	50.0	93%	53 - 137	10J3293	NTJ2136-01	10/21/10 19:10
Xylenes, total	ND	156		ug/L	150	104%	68 - 158	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: 1,2-Dichloroethane-d4		18.7		ug/L	25.0	75%	63 - 140	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: Dibromofluoromethane		23.5		ug/L	25.0	94%	73 - 131	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: Toluene-d8		24.6		ug/L	25.0	98%	80 - 120	10J3293	NTJ2136-01	10/21/10 19:10
Surrogate: 4-Bromofluorobenzene		23.2		ug/L	25.0	93%	79 - 125	10J3293	NTJ2136-01	10/21/10 19:10
10J4379-MS1										
Acetone	ND	118000		ug/L	125000	94%	56 - 150	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Benzene	ND	25300		ug/L	25000	101%	65 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromobenzene	ND	23300		ug/L	25000	93%	69 - 142	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromochloromethane	ND	24300		ug/L	25000	97%	64 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromodichloromethane	ND	23200		ug/L	25000	93%	75 - 138	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromoform	ND	23100		ug/L	25000	92%	55 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Bromomethane	ND	20600		ug/L	25000	82%	13 - 176	10J4379	NTJ2388-02RE 1	10/22/10 21:15
2-Butanone	ND	121000		ug/L	125000	97%	45 - 164	10J4379	NTJ2388-02RE 1	10/22/10 21:15
sec-Butylbenzene	ND	24200		ug/L	25000	97%	68 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15
n-Butylbenzene	185	22700		ug/L	25000	90%	67 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
tert-Butylbenzene	355	23600		ug/L	25000	93%	73 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Carbon disulfide	ND	24700		ug/L	25000	99%	33 - 187	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Carbon Tetrachloride	ND	21000		ug/L	25000	84%	64 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chlorobenzene	ND	24300		ug/L	25000	97%	78 - 136	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chlorodibromomethane	ND	27200		ug/L	25000	109%	64 - 145	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chloroethane	ND	23500		ug/L	25000	94%	48 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2388
		Project Name:	C&D Conyers GA
Attn	Craig Bernhoff	Project Number:	20500332.00001
		Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4379-MS1										
Chloroform	ND	23400		ug/L	25000	94%	72 - 145	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Chloromethane	ND	24500		ug/L	25000	98%	10 - 194	10J4379	NTJ2388-02RE 1	10/22/10 21:15
2-Chlorotoluene	ND	24100		ug/L	25000	96%	66 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
4-Chlorotoluene	ND	23900		ug/L	25000	96%	69 - 149	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dibromo-3-chloropropane	ND	20700		ug/L	25000	83%	49 - 162	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dibromoethane (EDB)	ND	25600		ug/L	25000	102%	70 - 152	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Dibromomethane	ND	27500		ug/L	25000	110%	75 - 141	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,4-Dichlorobenzene	ND	22400		ug/L	25000	89%	75 - 135	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,3-Dichlorobenzene	ND	24200		ug/L	25000	97%	72 - 146	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dichlorobenzene	ND	23400		ug/L	25000	94%	80 - 136	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Dichlorodifluoromethane	ND	12600		ug/L	25000	51%	23 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1-Dichloroethane	ND	23000		ug/L	25000	92%	64 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dichloroethane	410	18300	M8	ug/L	25000	71%	72 - 137	10J4379	NTJ2388-02RE 1	10/22/10 21:15
cis-1,2-Dichloroethene	ND	22200		ug/L	25000	89%	57 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1-Dichloroethene	ND	25200		ug/L	25000	101%	34 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
trans-1,2-Dichloroethene	ND	23500		ug/L	25000	94%	57 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,3-Dichloropropane	ND	24400		ug/L	25000	98%	71 - 137	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2-Dichloropropane	ND	24500		ug/L	25000	98%	71 - 139	10J4379	NTJ2388-02RE 1	10/22/10 21:15
2,2-Dichloropropane	ND	21000		ug/L	25000	84%	10 - 198	10J4379	NTJ2388-02RE 1	10/22/10 21:15
cis-1,3-Dichloropropene	ND	30000		ug/L	25000	120%	56 - 156	10J4379	NTJ2388-02RE 1	10/22/10 21:15
trans-1,3-Dichloropropene	ND	27000		ug/L	25000	108%	47 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1-Dichloropropene	ND	23600		ug/L	25000	94%	70 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Ethylbenzene	ND	26100		ug/L	25000	105%	68 - 157	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Hexachlorobutadiene	ND	22900		ug/L	25000	91%	47 - 173	10J4379	NTJ2388-02RE 1	10/22/10 21:15

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2388
		Project Name:	C&D Conyers GA
Attn	Craig Bernhoff	Project Number:	20500332.00001
		Received:	10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4379-MS1										
2-Hexanone	ND	113000		ug/L	125000	91%	57 - 154	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Isopropylbenzene	ND	27000		ug/L	25000	108%	69 - 139	10J4379	NTJ2388-02RE 1	10/22/10 21:15
p-Isopropyltoluene	ND	23300		ug/L	25000	93%	69 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Methyl tert-Butyl Ether	ND	23300		ug/L	25000	93%	56 - 152	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Methylene Chloride	ND	25900		ug/L	25000	104%	71 - 136	10J4379	NTJ2388-02RE 1	10/22/10 21:15
4-Methyl-2-pentanone	1740	132000		ug/L	125000	104%	62 - 159	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Naphthalene	1430	18100		ug/L	25000	67%	56 - 161	10J4379	NTJ2388-02RE 1	10/22/10 21:15
n-Propylbenzene	ND	25800		ug/L	25000	103%	61 - 167	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Styrene	ND	25600		ug/L	25000	102%	69 - 150	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,1,2-Tetrachloroethane	ND	25300		ug/L	25000	101%	80 - 140	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,2,2-Tetrachloroethane	ND	23300		ug/L	25000	93%	76 - 141	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Tetrachloroethene	ND	24800		ug/L	25000	99%	63 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Toluene	ND	24700		ug/L	25000	99%	61 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,3-Trichlorobenzene	ND	18000		ug/L	25000	72%	57 - 155	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,4-Trichlorobenzene	ND	20800		ug/L	25000	83%	64 - 147	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,2-Trichloroethane	ND	24300		ug/L	25000	97%	74 - 138	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,1,1-Trichloroethane	ND	21300		ug/L	25000	85%	78 - 153	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Trichloroethene	15300	39000		ug/L	25000	95%	74 - 139	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Trichlorofluoromethane	ND	16700		ug/L	25000	67%	53 - 149	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,3-Trichloropropane	8050	23700		ug/L	25000	63%	49 - 148	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,3,5-Trimethylbenzene	ND	26300		ug/L	25000	105%	67 - 151	10J4379	NTJ2388-02RE 1	10/22/10 21:15
1,2,4-Trimethylbenzene	210	26200		ug/L	25000	104%	69 - 150	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Vinyl chloride	ND	23100		ug/L	25000	92%	53 - 137	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Xylenes, total	ND	77600		ug/L	75000	103%	68 - 158	10J4379	NTJ2388-02RE 1	10/22/10 21:15

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4379-MS1										
Surrogate: 1,2-Dichloroethane-d4		17.8		ug/L	25.0	71%	63 - 140	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Surrogate: Dibromofluoromethane		22.4		ug/L	25.0	89%	73 - 131	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Surrogate: Toluene-d8		24.4		ug/L	25.0	98%	80 - 120	10J4379	NTJ2388-02RE 1	10/22/10 21:15
Surrogate: 4-Bromofluorobenzene		24.3		ug/L	25.0	97%	79 - 125	10J4379	NTJ2388-02RE 1	10/22/10 21:15

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J3865-MSD1												
Nitrate as N	ND	2.92		mg/L	3.00	97%	80 - 120	0.5	20	10J3865	NTJ2388-01	10/20/10 21:07
Sulfate	7.28	21.5		mg/L	15.0	95%	80 - 120	0.9	20	10J3865	NTJ2388-01	10/20/10 21:07
10J5394-MSD1												
Total Organic Carbon	ND	19.8		mg/L	20.0	99%	66 - 135	0.8	20	10J5394	NTJ2388-01	10/28/10 13:18
10J5753-MSD1												
Total Organic Carbon	5.89	22.8		mg/L	20.0	85%	66 - 135	0.7	20	10J5753	NTJ3290-01	10/29/10 14:53
Dissolved Metals by EPA Method 6010B												
10J3918-MSD1												
Iron	0.502	1.37		mg/L	1.00	87%	75 - 125	0.4	20	10J3918	NTJ2420-01	10/27/10 04:47
Manganese	0.0331	0.509		mg/L	0.500	95%	75 - 125	0.5	20	10J3918	NTJ2420-01	10/27/10 04:47
Volatile Organic Compounds by EPA Method 8260B												
10J3293-MSD1												
Acetone	ND	218		ug/L	250	87%	56 - 150	13	31	10J3293	NTJ2136-01	10/21/10 19:38
Benzene	ND	45.8		ug/L	50.0	92%	65 - 151	8	12	10J3293	NTJ2136-01	10/21/10 19:38
Bromobenzene	ND	41.8		ug/L	50.0	84%	69 - 142	8	23	10J3293	NTJ2136-01	10/21/10 19:38
Bromochloromethane	ND	41.7		ug/L	50.0	83%	64 - 154	10	32	10J3293	NTJ2136-01	10/21/10 19:38
Bromodichloromethane	ND	42.8		ug/L	50.0	86%	75 - 138	8	13	10J3293	NTJ2136-01	10/21/10 19:38
Bromoform	ND	42.9		ug/L	50.0	86%	55 - 153	10	18	10J3293	NTJ2136-01	10/21/10 19:38
Bromomethane	ND	44.5		ug/L	50.0	89%	13 - 176	6	50	10J3293	NTJ2136-01	10/21/10 19:38
2-Butanone	ND	229		ug/L	250	91%	45 - 164	6	37	10J3293	NTJ2136-01	10/21/10 19:38
sec-Butylbenzene	ND	42.2		ug/L	50.0	84%	68 - 159	6	21	10J3293	NTJ2136-01	10/21/10 19:38
n-Butylbenzene	ND	39.5		ug/L	50.0	79%	67 - 151	6	11	10J3293	NTJ2136-01	10/21/10 19:38
tert-Butylbenzene	ND	40.9		ug/L	50.0	82%	73 - 153	7	20	10J3293	NTJ2136-01	10/21/10 19:38
Carbon disulfide	ND	42.0		ug/L	50.0	84%	33 - 187	6	28	10J3293	NTJ2136-01	10/21/10 19:38
Carbon Tetrachloride	ND	39.7		ug/L	50.0	79%	64 - 157	8	26	10J3293	NTJ2136-01	10/21/10 19:38
Chlorobenzene	ND	44.6		ug/L	50.0	89%	78 - 136	9	11	10J3293	NTJ2136-01	10/21/10 19:38
Chlorodibromomethane	ND	50.7		ug/L	50.0	101%	64 - 145	9	16	10J3293	NTJ2136-01	10/21/10 19:38
Chloroethane	ND	43.9		ug/L	50.0	88%	48 - 159	7	35	10J3293	NTJ2136-01	10/21/10 19:38
Chloroform	ND	43.8		ug/L	50.0	88%	72 - 145	9	32	10J3293	NTJ2136-01	10/21/10 19:38
Chloromethane	ND	45.2		ug/L	50.0	90%	10 - 194	4	34	10J3293	NTJ2136-01	10/21/10 19:38
2-Chlorotoluene	ND	42.3		ug/L	50.0	85%	66 - 155	8	22	10J3293	NTJ2136-01	10/21/10 19:38
4-Chlorotoluene	ND	42.5		ug/L	50.0	85%	69 - 149	8	22	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dibromo-3-chloropropane	ND	37.8		ug/L	50.0	76%	49 - 162	3	21	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dibromoethane (EDB)	ND	46.6		ug/L	50.0	93%	70 - 152	9	10	10J3293	NTJ2136-01	10/21/10 19:38
Dibromomethane	ND	49.1		ug/L	50.0	98%	75 - 141	10	11	10J3293	NTJ2136-01	10/21/10 19:38
1,4-Dichlorobenzene	ND	40.0		ug/L	50.0	80%	75 - 135	8	10	10J3293	NTJ2136-01	10/21/10 19:38
1,3-Dichlorobenzene	ND	42.9		ug/L	50.0	86%	72 - 146	8	18	10J3293	NTJ2136-01	10/21/10 19:38

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J3293-MSD1												
1,2-Dichlorobenzene	ND	42.1		ug/L	50.0	84%	80 - 136	8	11	10J3293	NTJ2136-01	10/21/10 19:38
Dichlorodifluoromethane	ND	28.4		ug/L	50.0	57%	23 - 159	8	32	10J3293	NTJ2136-01	10/21/10 19:38
1,1-Dichloroethane	ND	43.2		ug/L	50.0	86%	64 - 154	9	34	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dichloroethane	ND	34.3	M8	ug/L	50.0	69%	72 - 137	9	25	10J3293	NTJ2136-01	10/21/10 19:38
cis-1,2-Dichloroethene	ND	41.8		ug/L	50.0	84%	57 - 154	7	32	10J3293	NTJ2136-01	10/21/10 19:38
1,1-Dichloroethene	ND	46.9		ug/L	50.0	94%	34 - 151	5	31	10J3293	NTJ2136-01	10/21/10 19:38
trans-1,2-Dichloroethene	ND	43.1		ug/L	50.0	86%	57 - 157	7	32	10J3293	NTJ2136-01	10/21/10 19:38
1,3-Dichloropropane	ND	46.4		ug/L	50.0	93%	71 - 137	10	20	10J3293	NTJ2136-01	10/21/10 19:38
1,2-Dichloropropane	ND	45.4		ug/L	50.0	91%	71 - 139	8	11	10J3293	NTJ2136-01	10/21/10 19:38
2,2-Dichloropropane	ND	41.2		ug/L	50.0	82%	10 - 198	8	11	10J3293	NTJ2136-01	10/21/10 19:38
cis-1,3-Dichloropropene	ND	54.8		ug/L	50.0	110%	56 - 156	9	35	10J3293	NTJ2136-01	10/21/10 19:38
trans-1,3-Dichloropropene	ND	46.8		ug/L	50.0	94%	47 - 157	9	26	10J3293	NTJ2136-01	10/21/10 19:38
1,1-Dichloropropene	ND	43.0		ug/L	50.0	86%	70 - 155	6	18	10J3293	NTJ2136-01	10/21/10 19:38
Ethylbenzene	ND	48.0		ug/L	50.0	96%	68 - 157	9	12	10J3293	NTJ2136-01	10/21/10 19:38
Hexachlorobutadiene	ND	39.5		ug/L	50.0	79%	47 - 173	0.7	21	10J3293	NTJ2136-01	10/21/10 19:38
2-Hexanone	ND	225		ug/L	250	90%	57 - 154	7	20	10J3293	NTJ2136-01	10/21/10 19:38
Isopropylbenzene	ND	49.3		ug/L	50.0	99%	69 - 139	8	15	10J3293	NTJ2136-01	10/21/10 19:38
p-Isopropyltoluene	ND	40.7		ug/L	50.0	81%	69 - 151	7	18	10J3293	NTJ2136-01	10/21/10 19:38
Methyl tert-Butyl Ether	ND	42.7		ug/L	50.0	85%	56 - 152	6	32	10J3293	NTJ2136-01	10/21/10 19:38
Methylene Chloride	ND	46.4		ug/L	50.0	93%	71 - 136	8	36	10J3293	NTJ2136-01	10/21/10 19:38
4-Methyl-2-pentanone	ND	257		ug/L	250	103%	62 - 159	10	35	10J3293	NTJ2136-01	10/21/10 19:38
Naphthalene	ND	36.4		ug/L	50.0	73%	56 - 161	5	30	10J3293	NTJ2136-01	10/21/10 19:38
n-Propylbenzene	ND	45.6		ug/L	50.0	91%	61 - 167	7	23	10J3293	NTJ2136-01	10/21/10 19:38
Styrene	ND	46.4		ug/L	50.0	93%	69 - 150	10	29	10J3293	NTJ2136-01	10/21/10 19:38
1,1,1,2-Tetrachloroethane	ND	47.0		ug/L	50.0	94%	80 - 140	10	11	10J3293	NTJ2136-01	10/21/10 19:38
1,1,2,2-Tetrachloroethane	ND	43.3		ug/L	50.0	87%	76 - 141	9	28	10J3293	NTJ2136-01	10/21/10 19:38
Tetrachloroethene	ND	44.9		ug/L	50.0	90%	63 - 155	8	16	10J3293	NTJ2136-01	10/21/10 19:38
Toluene	ND	44.3		ug/L	50.0	89%	61 - 153	9	35	10J3293	NTJ2136-01	10/21/10 19:38
1,2,3-Trichlorobenzene	ND	36.4		ug/L	50.0	73%	57 - 155	6	28	10J3293	NTJ2136-01	10/21/10 19:38
1,2,4-Trichlorobenzene	ND	37.3		ug/L	50.0	75%	64 - 147	0.6	23	10J3293	NTJ2136-01	10/21/10 19:38
1,1,2-Trichloroethane	ND	45.6		ug/L	50.0	91%	74 - 138	6	21	10J3293	NTJ2136-01	10/21/10 19:38
1,1,1-Trichloroethane	ND	40.1		ug/L	50.0	80%	78 - 153	8	29	10J3293	NTJ2136-01	10/21/10 19:38
Trichloroethene	ND	44.0		ug/L	50.0	88%	74 - 139	7	11	10J3293	NTJ2136-01	10/21/10 19:38
Trichlorofluoromethane	ND	33.0		ug/L	50.0	66%	53 - 149	6	33	10J3293	NTJ2136-01	10/21/10 19:38
1,2,3-Trichloropropane	ND	43.9		ug/L	50.0	88%	49 - 148	9	25	10J3293	NTJ2136-01	10/21/10 19:38
1,3,5-Trimethylbenzene	ND	45.7		ug/L	50.0	91%	67 - 151	7	21	10J3293	NTJ2136-01	10/21/10 19:38
1,2,4-Trimethylbenzene	ND	45.3		ug/L	50.0	91%	69 - 150	8	20	10J3293	NTJ2136-01	10/21/10 19:38
Vinyl chloride	ND	44.7		ug/L	50.0	89%	53 - 137	4	32	10J3293	NTJ2136-01	10/21/10 19:38
Xylenes, total	ND	143		ug/L	150	95%	68 - 158	9	18	10J3293	NTJ2136-01	10/21/10 19:38
Surrogate: 1,2-Dichloroethane-d4		18.4		ug/L	25.0	74%	63 - 140			10J3293	NTJ2136-01	10/21/10 19:38
Surrogate: Dibromofluoromethane		23.1		ug/L	25.0	92%	73 - 131			10J3293	NTJ2136-01	10/21/10 19:38

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
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Work Order: NTJ2388
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PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J3293-MSD1												
Surrogate: Toluene-d8		24.4		ug/L	25.0	98%	80 - 120			10J3293	NTJ2136-01	10/21/10 19:38
Surrogate: 4-Bromofluorobenzene		23.3		ug/L	25.0	93%	79 - 125			10J3293	NTJ2136-01	10/21/10 19:38
10J4379-MSD1												
Acetone	ND	122000		ug/L	125000	98%	56 - 150	4	31	10J4379	NTJ2388-02RE	10/22/10 21:43
Benzene	ND	25300		ug/L	25000	101%	65 - 151	0.02	12	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromobenzene	ND	23400		ug/L	25000	93%	69 - 142	0.3	23	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromochloromethane	ND	23600		ug/L	25000	95%	64 - 154	3	32	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromodichloromethane	ND	23100		ug/L	25000	92%	75 - 138	0.8	13	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromoform	ND	23400		ug/L	25000	94%	55 - 153	1	18	10J4379	NTJ2388-02RE	10/22/10 21:43
Bromomethane	ND	23300		ug/L	25000	93%	13 - 176	12	50	10J4379	NTJ2388-02RE	10/22/10 21:43
2-Butanone	ND	125000		ug/L	125000	100%	45 - 164	3	37	10J4379	NTJ2388-02RE	10/22/10 21:43
sec-Butylbenzene	ND	25100		ug/L	25000	100%	68 - 159	3	21	10J4379	NTJ2388-02RE	10/22/10 21:43
n-Butylbenzene	185	23600		ug/L	25000	94%	67 - 151	4	11	10J4379	NTJ2388-02RE	10/22/10 21:43
tert-Butylbenzene	355	24200		ug/L	25000	95%	73 - 153	2	20	10J4379	NTJ2388-02RE	10/22/10 21:43
Carbon disulfide	ND	24900		ug/L	25000	100%	33 - 187	0.9	28	10J4379	NTJ2388-02RE	10/22/10 21:43
Carbon Tetrachloride	ND	21300		ug/L	25000	85%	64 - 157	1	26	10J4379	NTJ2388-02RE	10/22/10 21:43
Chlorobenzene	ND	24300		ug/L	25000	97%	78 - 136	0.2	11	10J4379	NTJ2388-02RE	10/22/10 21:43
Chlorodibromomethane	ND	26900		ug/L	25000	108%	64 - 145	0.8	16	10J4379	NTJ2388-02RE	10/22/10 21:43
Chloroethane	ND	23600		ug/L	25000	94%	48 - 159	0.3	35	10J4379	NTJ2388-02RE	10/22/10 21:43
Chloroform	ND	23300		ug/L	25000	93%	72 - 145	0.3	32	10J4379	NTJ2388-02RE	10/22/10 21:43
Chloromethane	ND	24600		ug/L	25000	98%	10 - 194	0.5	34	10J4379	NTJ2388-02RE	10/22/10 21:43
2-Chlorotoluene	ND	24400		ug/L	25000	98%	66 - 155	1	22	10J4379	NTJ2388-02RE	10/22/10 21:43
4-Chlorotoluene	ND	24000		ug/L	25000	96%	69 - 149	0.6	22	10J4379	NTJ2388-02RE	10/22/10 21:43
1,2-Dibromo-3-chloropropane	ND	22200		ug/L	25000	89%	49 - 162	7	21	10J4379	NTJ2388-02RE	10/22/10 21:43
1,2-Dibromoethane (EDB)	ND	25600		ug/L	25000	102%	70 - 152	0.1	10	10J4379	NTJ2388-02RE	10/22/10 21:43
Dibromomethane	ND	26800		ug/L	25000	107%	75 - 141	3	11	10J4379	NTJ2388-02RE	10/22/10 21:43

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2388
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4379-MSD1												
1,4-Dichlorobenzene	ND	22900		ug/L	25000	91%	75 - 135	2	10	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,3-Dichlorobenzene	ND	24700		ug/L	25000	99%	72 - 146	2	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2-Dichlorobenzene	ND	23700		ug/L	25000	95%	80 - 136	1	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Dichlorodifluoromethane	ND	13300		ug/L	25000	53%	23 - 159	5	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1-Dichloroethane	ND	23100		ug/L	25000	92%	64 - 154	0.2	34	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2-Dichloroethane	410	18200	M8	ug/L	25000	71%	72 - 137	0.2	25	10J4379	NTJ2388-02RE 1	10/22/10 21:43
cis-1,2-Dichloroethene	ND	22300		ug/L	25000	89%	57 - 154	0.4	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1-Dichloroethene	ND	25400		ug/L	25000	102%	34 - 151	0.7	31	10J4379	NTJ2388-02RE 1	10/22/10 21:43
trans-1,2-Dichloroethene	ND	23500		ug/L	25000	94%	57 - 157	0.3	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,3-Dichloropropane	ND	24400		ug/L	25000	98%	71 - 137	0.06	20	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2-Dichloropropane	ND	24200		ug/L	25000	97%	71 - 139	1	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
2,2-Dichloropropane	ND	20900		ug/L	25000	84%	10 - 198	0.2	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
cis-1,3-Dichloropropene	ND	29500		ug/L	25000	118%	56 - 156	2	35	10J4379	NTJ2388-02RE 1	10/22/10 21:43
trans-1,3-Dichloropropene	ND	27000		ug/L	25000	108%	47 - 157	0.1	26	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1-Dichloropropene	ND	23800		ug/L	25000	95%	70 - 155	1	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Ethylbenzene	ND	26400		ug/L	25000	106%	68 - 157	1	12	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Hexachlorobutadiene	ND	24800		ug/L	25000	99%	47 - 173	8	21	10J4379	NTJ2388-02RE 1	10/22/10 21:43
2-Hexanone	ND	114000		ug/L	125000	91%	57 - 154	0.3	20	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Isopropylbenzene	ND	27600		ug/L	25000	110%	69 - 139	2	15	10J4379	NTJ2388-02RE 1	10/22/10 21:43
p-Isopropyltoluene	ND	24100		ug/L	25000	96%	69 - 151	4	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Methyl tert-Butyl Ether	ND	23400		ug/L	25000	93%	56 - 152	0.06	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Methylene Chloride	ND	25600		ug/L	25000	102%	71 - 136	1	36	10J4379	NTJ2388-02RE 1	10/22/10 21:43
4-Methyl-2-pentanone	1740	132000		ug/L	125000	104%	62 - 159	0.2	35	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Naphthalene	1430	21200		ug/L	25000	79%	56 - 161	16	30	10J4379	NTJ2388-02RE 1	10/22/10 21:43
n-Propylbenzene	ND	26400		ug/L	25000	105%	61 - 167	2	23	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Styrene	ND	25700		ug/L	25000	103%	69 - 150	0.4	29	10J4379	NTJ2388-02RE 1	10/22/10 21:43

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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4379-MSD1												
1,1,1,2-Tetrachloroethane	ND	25300		ug/L	25000	101%	80 - 140	0	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1,2,2-Tetrachloroethane	ND	23500		ug/L	25000	94%	76 - 141	0.6	28	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Tetrachloroethene	ND	25100		ug/L	25000	100%	63 - 155	0.9	16	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Toluene	ND	24500		ug/L	25000	98%	61 - 153	0.5	35	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,3-Trichlorobenzene	ND	21300		ug/L	25000	85%	57 - 155	17	28	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,4-Trichlorobenzene	ND	22500		ug/L	25000	90%	64 - 147	8	23	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1,2-Trichloroethane	ND	24200		ug/L	25000	97%	74 - 138	0.5	21	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,1,1-Trichloroethane	ND	21500		ug/L	25000	86%	78 - 153	1	29	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Trichloroethene	15300	39300		ug/L	25000	96%	74 - 139	0.7	11	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Trichlorofluoromethane	ND	17200		ug/L	25000	69%	53 - 149	3	33	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,3-Trichloropropane	8050	23900		ug/L	25000	63%	49 - 148	0.9	25	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,3,5-Trimethylbenzene	ND	26600		ug/L	25000	106%	67 - 151	1	21	10J4379	NTJ2388-02RE 1	10/22/10 21:43
1,2,4-Trimethylbenzene	210	26500		ug/L	25000	105%	69 - 150	1	20	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Vinyl chloride	ND	23400		ug/L	25000	94%	53 - 137	1	32	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Xylenes, total	ND	78000		ug/L	75000	104%	68 - 158	0.6	18	10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: 1,2-Dichloroethane-d4		17.4		ug/L	25.0	69%	63 - 140			10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: Dibromofluoromethane		22.3		ug/L	25.0	89%	73 - 131			10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	80 - 120			10J4379	NTJ2388-02RE 1	10/22/10 21:43
Surrogate: 4-Bromofluorobenzene		24.2		ug/L	25.0	97%	79 - 125			10J4379	NTJ2388-02RE 1	10/22/10 21:43

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Georgia
SM2320 B	Water		X	
SW846 6010B	Water	N/A	X	
SW846 8260B	Water	N/A	X	
SW846 9056	Water	N/A	X	
SW846 9060A	Water		X	

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

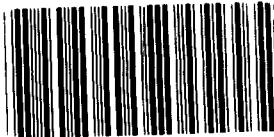
Work Order: NTJ2388
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/20/10 08:00

DATA QUALIFIERS AND DEFINITIONS

- H2** Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
P7 Sample filtered in lab.
R The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



Cooler Received/Opened On_10/20/10 @ 08:00

NTJ2388

1. Tracking # C1790 (last 4 digits, Fe)

Courier: FED-EX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 0.0 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA4. Were custody seals on outside of cooler? 1-FLAT YES...NO...NA

If yes, how many and where:

5. Were the seals intact, signed, and dated correctly?

6. Were custody papers inside cooler?

I certify that I opened the cooler and answered questions 1-6 (initial)7. Were custody seals on containers: YES NO and Intact YES.. NO..NA

Were these signed and dated correctly?

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES..NO...NA

12. Did all container labels and tags agree with custody papers?

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial?

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # 5I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

15b. Did the bottle labels indicate that the correct preservatives were used YES..NO..NA

16. Was residual chlorine present?

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO..NA

18. Did you sign the custody papers in the appropriate place? YES..NO..NA

19. Were correct containers used for the analysis requested? YES..NO..NA

20. Was sufficient amount of sample sent in each container? YES..NO..NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES..NO..#

NTJ2388
11/03/10 23:57

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Nashville Division
2960 Foster Creight

2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0880 / (615) 726-0177 Fax: (615) 726-0177

190310 23:59

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,"Reg District(CA)")

Page _____ of _____
1

Address: 1000 Corporate Center, Suite 2500

TA Account #: 1426041
Invoice to: URS Corp

MUNICIPALITY OF THE STATE OF NEW YORK

Client Invoice Contact: Accounts Payable

Clinton Project Memo - Cindi Barnhardt

Client Telephone#: (615) 771-2480

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Pr

Site Address: 1835 Rockdale Blvd
City,State,Zip: Conyers GA Georgia
Matrix _____ Analyze to

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RUSH TAT (Pre Schedule)
TOC 9060A
Sulfate 9056
Nitrate SW846 9056
Manganese Dissolved SW 6010B
Lead Total EPA 6010B
Iron Dissolved SW 6010B
Alkalinity Total SM2320 B
8260B Volatile Organics
(specify) Other
Soil
Sludge
Drinking Water
Wastewater
Groundwater
(Black Label) None
(Yellow Label) Glass H2SO4
(Yellow Label) Plastic H2SO4
(Orange Label) NaOH
(Blue Label) HCl
Methanol
Field Filtered
Composite
Grab
Containers Shipped
Time Sampled
Date Sampled
Sample ID

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turnaround time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:		Date:	Time:
<i>Renae Wenzel</i>		<i>10/19/10</i>	<i>15:30</i>
Received by:		Date:	Time:
<i>Jeff Shultz</i>		<i>10/19/10</i>	<i>15:30</i>
Relinquished by:		Date:	Time:
<i>Jeff Shultz</i>		<i>10/19/10</i>	<i>15:30</i>
Shipped via:		Shipped Via:	
<i>TestAmerica Courier</i>		<i>UPS</i>	
Received for TestAmerica by:		Date:	Time:
<i>J. Shultz</i>		<i>10/19/10</i>	<i>15:30</i>
Temperature Upon Receipt:		Time:	Temperature Upon Receipt:
<i>40°C</i>		<i>10:00</i>	<i>40°C</i>
Sample Containers Intact? Y N		VOC's Free of Headspace? Y N	
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
QC Deliverables (Please Circle One):			
Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)			
Date Due of Report:			
<i>10/19/10</i>			

November 24, 2010 10:59:38AM

Client: URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn: Craig Bernhoft

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Nbr: 20500332.00001
P/O Nbr: Craig.Bernhoft@urscorp.com
Date Received: 10/21/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-36	NTJ2566-01	10/20/10 16:50
MW-14	NTJ2566-02	10/20/10 19:00
MW-2	NTJ2566-03	10/20/10 16:20
Trip Blank-3	NTJ2566-04	10/20/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Georgia Certification Number: E87358

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-01 (MW-36 - Ground Water) Sampled: 10/20/10 16:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.958		mg/L	0.100	1	10/21/10 19:36	SW846 9056	10J4164
Sulfate	2640	H2	mg/L	100	100	11/22/10 12:13	SW846 9056	10K4416
Total Organic Carbon	1.72		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.500	100	10/26/10 09:43	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	4.60		mg/L	0.500	10	11/01/10 10:36	SW846 6010B	10J5197
Lead	0.377		mg/L	0.0500	10	11/01/10 10:36	SW846 6010B	10J5197
Manganese	8.03		mg/L	0.150	10	11/01/10 10:36	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 17:01	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 17:01	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chloroform	1.96		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-01 (MW-36 - Ground Water) - cont. Sampled: 10/20/10 16:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 17:01	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 17:01	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 17:01	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 17:01	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Tetrachloroethene	2.89		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Trichloroethene	217		ug/L	5.00	5	10/26/10 17:32	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 17:01	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 17:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 17:32	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	102 %					10/26/10 17:32	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	94 %					10/26/10 17:32	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	100 %					10/26/10 17:01	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 17:32	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-02 (MW-14 - Ground Water) Sampled: 10/20/10 19:00								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	76.0		mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.143		mg/L	0.100	1	10/21/10 19:56	SW846 9056	10J4164
Sulfate	15.9		mg/L	1.00	1	10/21/10 19:56	SW846 9056	10J4164
Total Organic Carbon	1.87		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 20:59	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 20:59	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-02 (MW-14 - Ground Water) - cont. Sampled: 10/20/10 19:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 20:59	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 20:59	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 20:59	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 20:59	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Trichloroethene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 20:59	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	101 %					10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					10/26/10 20:59	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/26/10 20:59	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-03 (MW-2 - Ground Water) Sampled: 10/20/10 16:20								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.202		mg/L	0.100	1	10/21/10 20:15	SW846 9056	10J4164
Sulfate	2400	H2	mg/L	100	100	11/22/10 12:33	SW846 9056	10K4416
Total Organic Carbon	8.63		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Volatile Organic Compounds by EPA Method 8260B								
Acetone	991		ug/L	50.0	1	10/26/10 18:01	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 18:01	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-03 (MW-2 - Ground Water) - cont. Sampled: 10/20/10 16:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 18:01	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 18:01	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 18:01	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 18:01	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Trichloroethene	1090		ug/L	10.0	10	10/26/10 18:31	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 18:01	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 18:31	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	101 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	102 %					10/26/10 18:31	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	96 %					10/26/10 18:31	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	101 %					10/26/10 18:01	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	99 %					10/26/10 18:31	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-04 (Trip Blank-3 - Water) Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 14:08	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 14:08	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 14:08	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2566-04 (Trip Blank-3 - Water) - cont. Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 14:08	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 14:08	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 14:08	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Trichloroethene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 14:08	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	94 %					10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	100 %					10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	96 %					10/26/10 14:08	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	100 %					10/26/10 14:08	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	10J5197	NTJ2566-01	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2566-01	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2566-01	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
Total Metals by EPA Method 6010B							
SW846 6010B	10J4498	NTJ2566-01	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010

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Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10J4164-BLK1						
Nitrate as N	<0.0100		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
Sulfate	<0.110		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
10J4965-BLK1						
Alkalinity, Total (CaCO ₃)	7.01		mg/L	10J4965	10J4965-BLK1	11/02/10 12:35
10J5211-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5211	10J5211-BLK1	10/27/10 11:27
10K4416-BLK1						
Sulfate	<0.110		mg/L	10K4416	10K4416-BLK1	11/22/10 11:32
Total Metals by EPA Method 6010B						
10J4498-BLK1						
Lead	<0.00290		mg/L	10J4498	10J4498-BLK1	10/25/10 22:02
Dissolved Metals by EPA Method 6010B						
10J5197-BLK1						
Iron	<0.0490		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Lead	<0.00290		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Manganese	0.00230		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
Acetone	<25.0		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Benzene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromobenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromochloromethane	<0.440		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromodichloromethane	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromoform	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromomethane	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Butanone	<1.70		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
sec-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
n-Butylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
tert-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon disulfide	<0.290		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon Tetrachloride	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorobenzene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorodibromomethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroethane	<0.410		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroform	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloromethane	<0.180		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

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Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
2-Chlorotoluene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Chlorotoluene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dibromomethane	<0.430		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,4-Dichlorobenzene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichlorobenzene	<0.490		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichlorobenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dichlorodifluoromethane	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethane	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,2-Dichloroethene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,2-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichloropropane	<0.280		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloropropane	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2,2-Dichloropropane	<0.260		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,3-Dichloropropene	<0.190		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,3-Dichloropropene	<0.160		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloropropene	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Ethylbenzene	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Hexachlorobutadiene	<0.310		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Hexanone	<2.20		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Isopropylbenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
p-Isopropyltoluene	<0.210		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methyl tert-Butyl Ether	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methylene Chloride	<0.150		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Methyl-2-pentanone	<1.60		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Naphthalene	<0.170		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
n-Propylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Styrene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Tetrachloroethene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Toluene	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,3-Trichlorobenzene	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trichlorobenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2-Trichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1-Trichloroethane	<0.350		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichloroethene	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichlorofluoromethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

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Work Order: NTJ2566
Project Name: C&D Conyers GA
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Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
1,2,3-Trichloropropane	<0.460		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3,5-Trimethylbenzene	<0.230		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trimethylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Vinyl chloride	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Xylenes, total	<0.870		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97%			10J4609	10J4609-BLK1	10/26/10 13:38
<i>Surrogate: Dibromofluoromethane</i>	101%			10J4609	10J4609-BLK1	10/26/10 13:38
<i>Surrogate: Toluene-d8</i>	97%			10J4609	10J4609-BLK1	10/26/10 13:38
<i>Surrogate: 4-Bromofluorobenzene</i>	99%			10J4609	10J4609-BLK1	10/26/10 13:38

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PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J4164-DUP1										
Nitrate as N	1.07	0.863	R2	mg/L	22	20	10J4164	NTJ2567-11		10/22/10 01:23
10J4965-DUP1										
Alkalinity, Total (CaCO ₃)	ND	38.1		mg/L		20	10J4965	NTJ2567-05		11/02/10 12:35
10J5211-DUP1										
Total Organic Carbon	ND	ND		mg/L		20	10J5211	NTJ2567-11RE1		10/27/10 11:27
10K4416-DUP1										
Sulfate	410	401		mg/L	2	20	10K4416	NTJ2567-03RE3		11/22/10 13:14

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10J4164-BS1								
Nitrate as N	3.00	3.22		mg/L	108%	90 - 110	10J4164	10/21/10 13:50
Sulfate	15.0	16.4		mg/L	109%	90 - 110	10J4164	10/21/10 13:50
10J4965-BS1								
Alkalinity, Total (CaCO ₃)	100	96.4		mg/L	96%	90 - 110	10J4965	11/02/10 12:35
10J5211-BS1								
Total Organic Carbon	10.0	9.20		mg/L	92%	90 - 110	10J5211	10/27/10 11:27
10K4416-BS1								
Sulfate	15.0	15.1		mg/L	101%	90 - 110	10K4416	11/22/10 11:53
Total Metals by EPA Method 6010B								
10J4498-BS1								
Lead	0.0500	0.0435		mg/L	87%	80 - 120	10J4498	10/25/10 22:05
Dissolved Metals by EPA Method 6010B								
10J5197-BS1								
Iron	1.00	1.04		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Lead	0.0500	0.0521		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Manganese	0.500	0.499		mg/L	100%	80 - 120	10J5197	10/29/10 13:51
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
Acetone	250	303		ug/L	121%	56 - 150	10J4609	10/26/10 12:09
Benzene	50.0	48.1		ug/L	96%	80 - 121	10J4609	10/26/10 12:09
Bromobenzene	50.0	45.6		ug/L	91%	72 - 130	10J4609	10/26/10 12:09
Bromochloromethane	50.0	52.2		ug/L	104%	73 - 137	10J4609	10/26/10 12:09
Bromodichloromethane	50.0	50.6		ug/L	101%	75 - 131	10J4609	10/26/10 12:09
Bromoform	50.0	59.9		ug/L	120%	65 - 140	10J4609	10/26/10 12:09
Bromomethane	50.0	45.3		ug/L	91%	50 - 150	10J4609	10/26/10 12:09
2-Butanone	250	314		ug/L	126%	70 - 144	10J4609	10/26/10 12:09
sec-Butylbenzene	50.0	48.9		ug/L	98%	72 - 140	10J4609	10/26/10 12:09
n-Butylbenzene	50.0	53.6		ug/L	107%	68 - 140	10J4609	10/26/10 12:09
tert-Butylbenzene	50.0	41.8		ug/L	84%	76 - 135	10J4609	10/26/10 12:09
Carbon disulfide	50.0	49.6		ug/L	99%	74 - 137	10J4609	10/26/10 12:09
Carbon Tetrachloride	50.0	53.6		ug/L	107%	71 - 137	10J4609	10/26/10 12:09
Chlorobenzene	50.0	50.9		ug/L	102%	80 - 121	10J4609	10/26/10 12:09
Chlorodibromomethane	50.0	55.0		ug/L	110%	68 - 137	10J4609	10/26/10 12:09
Chloroethane	50.0	47.7		ug/L	95%	50 - 146	10J4609	10/26/10 12:09
Chloroform	50.0	48.8		ug/L	98%	73 - 131	10J4609	10/26/10 12:09
Chloromethane	50.0	26.6		ug/L	53%	30 - 132	10J4609	10/26/10 12:09

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Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
2-Chlorotoluene	50.0	46.7		ug/L	93%	74 - 135	10J4609	10/26/10 12:09
4-Chlorotoluene	50.0	54.3		ug/L	109%	74 - 132	10J4609	10/26/10 12:09
1,2-Dibromo-3-chloropropane	50.0	69.8		ug/L	140%	56 - 145	10J4609	10/26/10 12:09
1,2-Dibromoethane (EDB)	50.0	53.4		ug/L	107%	80 - 135	10J4609	10/26/10 12:09
Dibromomethane	50.0	49.8		ug/L	100%	78 - 133	10J4609	10/26/10 12:09
1,4-Dichlorobenzene	50.0	52.3		ug/L	105%	80 - 120	10J4609	10/26/10 12:09
1,3-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 128	10J4609	10/26/10 12:09
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	80 - 125	10J4609	10/26/10 12:09
Dichlorodifluoromethane	50.0	31.4		ug/L	63%	30 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethane	50.0	49.8		ug/L	100%	75 - 125	10J4609	10/26/10 12:09
1,2-Dichloroethane	50.0	49.4		ug/L	99%	70 - 134	10J4609	10/26/10 12:09
cis-1,2-Dichloroethene	50.0	52.0		ug/L	104%	71 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethene	50.0	51.1		ug/L	102%	73 - 125	10J4609	10/26/10 12:09
trans-1,2-Dichloroethene	50.0	52.8		ug/L	106%	77 - 125	10J4609	10/26/10 12:09
1,3-Dichloropropane	50.0	50.2		ug/L	100%	76 - 125	10J4609	10/26/10 12:09
1,2-Dichloropropane	50.0	46.2		ug/L	92%	72 - 120	10J4609	10/26/10 12:09
2,2-Dichloropropane	50.0	63.4		ug/L	127%	50 - 150	10J4609	10/26/10 12:09
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	70 - 140	10J4609	10/26/10 12:09
trans-1,3-Dichloropropene	50.0	56.4		ug/L	113%	62 - 139	10J4609	10/26/10 12:09
1,1-Dichloropropene	50.0	53.2		ug/L	106%	78 - 126	10J4609	10/26/10 12:09
Ethylbenzene	50.0	51.0		ug/L	102%	78 - 133	10J4609	10/26/10 12:09
Hexachlorobutadiene	50.0	51.2		ug/L	102%	70 - 150	10J4609	10/26/10 12:09
2-Hexanone	250	322		ug/L	129%	60 - 150	10J4609	10/26/10 12:09
Isopropylbenzene	50.0	58.5		ug/L	117%	69 - 120	10J4609	10/26/10 12:09
p-Isopropyltoluene	50.0	50.1		ug/L	100%	72 - 134	10J4609	10/26/10 12:09
Methyl tert-Butyl Ether	50.0	53.1		ug/L	106%	76 - 120	10J4609	10/26/10 12:09
Methylene Chloride	50.0	45.8		ug/L	92%	80 - 133	10J4609	10/26/10 12:09
4-Methyl-2-pentanone	250	290		ug/L	116%	62 - 146	10J4609	10/26/10 12:09
Naphthalene	50.0	60.3		ug/L	121%	71 - 139	10J4609	10/26/10 12:09
n-Propylbenzene	50.0	47.0		ug/L	94%	70 - 143	10J4609	10/26/10 12:09
Styrene	50.0	52.9		ug/L	106%	80 - 136	10J4609	10/26/10 12:09
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L	99%	80 - 130	10J4609	10/26/10 12:09
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	73 - 131	10J4609	10/26/10 12:09
Tetrachloroethene	50.0	52.5		ug/L	105%	77 - 131	10J4609	10/26/10 12:09
Toluene	50.0	50.9		ug/L	102%	78 - 125	10J4609	10/26/10 12:09
1,2,3-Trichlorobenzene	50.0	56.2		ug/L	112%	71 - 138	10J4609	10/26/10 12:09
1,2,4-Trichlorobenzene	50.0	57.8		ug/L	116%	74 - 136	10J4609	10/26/10 12:09
1,1,2-Trichloroethane	50.0	50.3		ug/L	101%	80 - 123	10J4609	10/26/10 12:09
1,1,1-Trichloroethane	50.0	53.4		ug/L	107%	75 - 137	10J4609	10/26/10 12:09
Trichloroethene	50.0	51.9		ug/L	104%	74 - 139	10J4609	10/26/10 12:09
Trichlorofluoromethane	50.0	48.4		ug/L	97%	60 - 133	10J4609	10/26/10 12:09

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
1,2,3-Trichloropropane	50.0	54.2		ug/L	108%	64 - 127	10J4609	10/26/10 12:09
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	75 - 134	10J4609	10/26/10 12:09
1,2,4-Trimethylbenzene	50.0	48.5		ug/L	97%	77 - 134	10J4609	10/26/10 12:09
Vinyl chloride	50.0	45.3		ug/L	91%	60 - 122	10J4609	10/26/10 12:09
Xylenes, total	150	159		ug/L	106%	78 - 134	10J4609	10/26/10 12:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.5			95%	63 - 140	10J4609	10/26/10 12:09
<i>Surrogate: Dibromofluoromethane</i>	50.0	50.1			100%	73 - 131	10J4609	10/26/10 12:09
<i>Surrogate: Toluene-d8</i>	50.0	50.3			101%	80 - 120	10J4609	10/26/10 12:09
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	47.2			94%	79 - 125	10J4609	10/26/10 12:09

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Acetone	315			ug/L	250	126%	56 - 150	4	31	10J4609		10/26/10 12:39
Benzene	47.8			ug/L	50.0	96%	80 - 121	0.6	12	10J4609		10/26/10 12:39
Bromobenzene	45.9			ug/L	50.0	92%	72 - 130	0.7	23	10J4609		10/26/10 12:39
Bromochloromethane	52.6			ug/L	50.0	105%	73 - 137	0.8	32	10J4609		10/26/10 12:39
Bromodichloromethane	49.9			ug/L	50.0	100%	75 - 131	1	13	10J4609		10/26/10 12:39
Bromoform	59.8			ug/L	50.0	120%	65 - 140	0.2	18	10J4609		10/26/10 12:39
Bromomethane	45.3			ug/L	50.0	91%	50 - 150	0.04	50	10J4609		10/26/10 12:39
2-Butanone	325			ug/L	250	130%	70 - 144	3	37	10J4609		10/26/10 12:39
sec-Butylbenzene	45.5			ug/L	50.0	91%	72 - 140	7	21	10J4609		10/26/10 12:39
n-Butylbenzene	53.5			ug/L	50.0	107%	68 - 140	0.3	11	10J4609		10/26/10 12:39
tert-Butylbenzene	39.7			ug/L	50.0	79%	76 - 135	5	20	10J4609		10/26/10 12:39
Carbon disulfide	48.9			ug/L	50.0	98%	74 - 137	1	28	10J4609		10/26/10 12:39
Carbon Tetrachloride	53.3			ug/L	50.0	107%	71 - 137	0.6	26	10J4609		10/26/10 12:39
Chlorobenzene	49.6			ug/L	50.0	99%	80 - 121	3	11	10J4609		10/26/10 12:39
Chlorodibromomethane	54.4			ug/L	50.0	109%	68 - 137	1	16	10J4609		10/26/10 12:39
Chloroethane	48.5			ug/L	50.0	97%	50 - 146	2	35	10J4609		10/26/10 12:39
Chloroform	48.6			ug/L	50.0	97%	73 - 131	0.4	32	10J4609		10/26/10 12:39
Chloromethane	26.9			ug/L	50.0	54%	30 - 132	1	34	10J4609		10/26/10 12:39
2-Chlorotoluene	47.5			ug/L	50.0	95%	74 - 135	2	22	10J4609		10/26/10 12:39
4-Chlorotoluene	55.2			ug/L	50.0	110%	74 - 132	2	22	10J4609		10/26/10 12:39
1,2-Dibromo-3-chloropropane	73.0	L		ug/L	50.0	146%	56 - 145	5	21	10J4609		10/26/10 12:39
1,2-Dibromoethane (EDB)	53.8			ug/L	50.0	108%	80 - 135	0.7	10	10J4609		10/26/10 12:39
Dibromomethane	50.3			ug/L	50.0	101%	78 - 133	1	11	10J4609		10/26/10 12:39
1,4-Dichlorobenzene	51.2			ug/L	50.0	102%	80 - 120	2	10	10J4609		10/26/10 12:39
1,3-Dichlorobenzene	48.8			ug/L	50.0	98%	80 - 128	0.2	18	10J4609		10/26/10 12:39
1,2-Dichlorobenzene	49.6			ug/L	50.0	99%	80 - 125	1	11	10J4609		10/26/10 12:39
Dichlorodifluoromethane	32.1			ug/L	50.0	64%	30 - 132	2	32	10J4609		10/26/10 12:39
1,1-Dichloroethane	51.0			ug/L	50.0	102%	75 - 125	2	34	10J4609		10/26/10 12:39
1,2-Dichloroethane	48.9			ug/L	50.0	98%	70 - 134	1	25	10J4609		10/26/10 12:39
cis-1,2-Dichloroethene	51.3			ug/L	50.0	103%	71 - 132	1	32	10J4609		10/26/10 12:39
1,1-Dichloroethene	50.7			ug/L	50.0	101%	73 - 125	0.8	31	10J4609		10/26/10 12:39
trans-1,2-Dichloroethene	52.0			ug/L	50.0	104%	77 - 125	2	32	10J4609		10/26/10 12:39
1,3-Dichloropropane	51.0			ug/L	50.0	102%	76 - 125	2	20	10J4609		10/26/10 12:39
1,2-Dichloropropane	46.7			ug/L	50.0	93%	72 - 120	1	11	10J4609		10/26/10 12:39
2,2-Dichloropropane	62.6			ug/L	50.0	125%	50 - 150	1	11	10J4609		10/26/10 12:39
cis-1,3-Dichloropropene	57.8			ug/L	50.0	116%	70 - 140	0.4	35	10J4609		10/26/10 12:39
trans-1,3-Dichloropropene	56.5			ug/L	50.0	113%	62 - 139	0.1	26	10J4609		10/26/10 12:39
1,1-Dichloropropene	52.8			ug/L	50.0	106%	78 - 126	0.7	18	10J4609		10/26/10 12:39
Ethylbenzene	50.4			ug/L	50.0	101%	78 - 133	1	12	10J4609		10/26/10 12:39
Hexachlorobutadiene	52.0			ug/L	50.0	104%	70 - 150	2	21	10J4609		10/26/10 12:39
2-Hexanone	340			ug/L	250	136%	60 - 150	5	20	10J4609		10/26/10 12:39

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Isopropylbenzene	55.0			ug/L	50.0	110%	69 - 120	6	15	10J4609		10/26/10 12:39
p-Isopropyltoluene	50.0			ug/L	50.0	100%	72 - 134	0.2	18	10J4609		10/26/10 12:39
Methyl tert-Butyl Ether	53.9			ug/L	50.0	108%	76 - 120	1	32	10J4609		10/26/10 12:39
Methylene Chloride	48.5			ug/L	50.0	97%	80 - 133	6	36	10J4609		10/26/10 12:39
4-Methyl-2-pentanone	290			ug/L	250	116%	62 - 146	0.3	35	10J4609		10/26/10 12:39
Naphthalene	61.8			ug/L	50.0	124%	71 - 139	2	30	10J4609		10/26/10 12:39
n-Propylbenzene	46.9			ug/L	50.0	94%	70 - 143	0.4	23	10J4609		10/26/10 12:39
Styrene	54.0			ug/L	50.0	108%	80 - 136	2	29	10J4609		10/26/10 12:39
1,1,1,2-Tetrachloroethane	50.4			ug/L	50.0	101%	80 - 130	2	11	10J4609		10/26/10 12:39
1,1,2,2-Tetrachloroethane	50.7			ug/L	50.0	101%	73 - 131	2	28	10J4609		10/26/10 12:39
Tetrachloroethene	52.5			ug/L	50.0	105%	77 - 131	0.04	16	10J4609		10/26/10 12:39
Toluene	49.9			ug/L	50.0	100%	78 - 125	2	35	10J4609		10/26/10 12:39
1,2,3-Trichlorobenzene	56.9			ug/L	50.0	114%	71 - 138	1	28	10J4609		10/26/10 12:39
1,2,4-Trichlorobenzene	57.5			ug/L	50.0	115%	74 - 136	0.7	23	10J4609		10/26/10 12:39
1,1,2-Trichloroethane	51.2			ug/L	50.0	102%	80 - 123	2	21	10J4609		10/26/10 12:39
1,1,1-Trichloroethane	52.8			ug/L	50.0	106%	75 - 137	1	29	10J4609		10/26/10 12:39
Trichloroethene	51.1			ug/L	50.0	102%	74 - 139	2	11	10J4609		10/26/10 12:39
Trichlorofluoromethane	48.7			ug/L	50.0	97%	60 - 133	0.6	33	10J4609		10/26/10 12:39
1,2,3-Trichloropropane	53.7			ug/L	50.0	107%	64 - 127	1	25	10J4609		10/26/10 12:39
1,3,5-Trimethylbenzene	49.3			ug/L	50.0	99%	75 - 134	0.2	21	10J4609		10/26/10 12:39
1,2,4-Trimethylbenzene	48.0			ug/L	50.0	96%	77 - 134	1	20	10J4609		10/26/10 12:39
Vinyl chloride	45.2			ug/L	50.0	90%	60 - 122	0.3	32	10J4609		10/26/10 12:39
Xylenes, total	158			ug/L	150	106%	78 - 134	0.5	18	10J4609		10/26/10 12:39
<i>Surrogate: 1,2-Dichloroethane-d4</i>	46.6			ug/L	50.0	93%	63 - 140			10J4609		10/26/10 12:39
<i>Surrogate: Dibromofluoromethane</i>	49.9			ug/L	50.0	100%	73 - 131			10J4609		10/26/10 12:39
<i>Surrogate: Toluene-d8</i>	50.3			ug/L	50.0	101%	80 - 120			10J4609		10/26/10 12:39
<i>Surrogate: 4-Bromofluorobenzene</i>	47.7			ug/L	50.0	95%	79 - 125			10J4609		10/26/10 12:39

Client	URS Corporation (6171)	Work Order:	NTJ2566
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10J4164-MS1										
Nitrate as N	0.725	3.65		mg/L	3.00	98%	80 - 120	10J4164	NTJ2567-05	10/21/10 22:11
10J4965-MS1										
Alkalinity, Total (CaCO ₃)	ND	ND	A-01	mg/L	100	0%	80 - 120	10J4965	NTJ2567-05	11/02/10 12:35
10J5211-MS1										
Total Organic Carbon	2.48	21.4		mg/L	20.0	95%	66 - 135	10J5211	NTJ2567-05RE 1	10/27/10 11:27
Total Metals by EPA Method 6010B										
10J4498-MS1										
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125	10J4498	NTJ2567-05	10/26/10 09:50
Dissolved Metals by EPA Method 6010B										
10J5197-MS1										
Iron	2.75	3.77		mg/L	1.00	102%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Lead	ND	0.0484		mg/L	0.0500	97%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Manganese	0.0440	0.515		mg/L	0.500	94%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Acetone	ND	1570		ug/L	1250	125%	56 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Benzene	ND	277		ug/L	250	111%	65 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromobenzene	ND	241		ug/L	250	97%	69 - 142	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromoform	ND	312		ug/L	250	125%	55 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromochloromethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromodichloromethane	ND	283		ug/L	250	113%	75 - 138	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromomethane	ND	174		ug/L	250	70%	13 - 176	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Butanone	ND	1630		ug/L	1250	130%	45 - 164	10J4609	NTJ2567-05RE 2	10/26/10 22:58
sec-Butylbenzene	ND	241		ug/L	250	96%	68 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Butylbenzene	ND	285		ug/L	250	114%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
tert-Butylbenzene	ND	211		ug/L	250	84%	73 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Carbon disulfide	ND	274		ug/L	250	110%	33 - 187	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2566
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Carbon Tetrachloride	ND	315		ug/L	250	126%	64 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorobenzene	ND	284		ug/L	250	114%	78 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorodibromomethane	ND	291		ug/L	250	116%	64 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroethane	ND	226		ug/L	250	90%	48 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroform	11.8	291		ug/L	250	112%	72 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloromethane	ND	121		ug/L	250	48%	10 - 194	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Chlorotoluene	ND	251		ug/L	250	101%	66 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Chlorotoluene	ND	269		ug/L	250	108%	69 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromo-3-chloropropane	ND	309		ug/L	250	124%	49 - 162	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromoethane (EDB)	ND	291		ug/L	250	116%	70 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dibromomethane	ND	285		ug/L	250	114%	75 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,4-Dichlorobenzene	ND	272		ug/L	250	109%	75 - 135	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichlorobenzene	ND	263		ug/L	250	105%	72 - 146	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichlorobenzene	ND	270		ug/L	250	108%	80 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dichlorodifluoromethane	ND	88.0		ug/L	250	35%	23 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloroethane	ND	280		ug/L	250	112%	72 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
cis-1,2-Dichloroethene	ND	296		ug/L	250	118%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethene	ND	305		ug/L	250	122%	34 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
trans-1,2-Dichloroethene	ND	297		ug/L	250	119%	57 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichloropropane	ND	281		ug/L	250	112%	71 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloropropane	ND	264		ug/L	250	105%	71 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2,2-Dichloropropane	ND	352		ug/L	250	141%	10 - 198	10J4609	NTJ2567-05RE 2	10/26/10 22:58
cis-1,3-Dichloropropene	ND	304		ug/L	250	122%	56 - 156	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2566
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
trans-1,3-Dichloropropene	ND	295		ug/L	250	118%	47 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloropropene	ND	309		ug/L	250	124%	70 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Ethylbenzene	ND	285		ug/L	250	114%	68 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Hexachlorobutadiene	ND	257		ug/L	250	103%	47 - 173	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Hexanone	ND	1600		ug/L	1250	128%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Isopropylbenzene	ND	324		ug/L	250	130%	69 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
p-Isopropyltoluene	ND	262		ug/L	250	105%	69 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methyl tert-Butyl Ether	ND	291		ug/L	250	117%	56 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methylene Chloride	1.45	281		ug/L	250	112%	71 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Methyl-2-pentanone	ND	1450		ug/L	1250	116%	62 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Naphthalene	ND	295		ug/L	250	118%	56 - 161	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Propylbenzene	ND	255		ug/L	250	102%	61 - 167	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Styrene	ND	299		ug/L	250	120%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1,2-Tetrachloroethane	ND	272		ug/L	250	109%	80 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2,2-Tetrachloroethane	ND	263		ug/L	250	105%	76 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Tetrachloroethene	2.85	303		ug/L	250	120%	63 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Toluene	ND	284		ug/L	250	113%	61 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,3-Trichlorobenzene	ND	288		ug/L	250	115%	57 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trichlorobenzene	ND	296		ug/L	250	118%	64 - 147	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2-Trichloroethane	ND	284		ug/L	250	113%	74 - 138	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1-Trichloroethane	ND	317		ug/L	250	127%	78 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichloroethene	460	791		ug/L	250	133%	74 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichlorofluoromethane	ND	227		ug/L	250	91%	53 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,3-Trichloropropane	ND	271		ug/L	250	108%	49 - 148	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2566
		Project Name:	C&D Conyers GA
		Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
1,3,5-Trimethylbenzene	ND	255		ug/L	250	102%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trimethylbenzene	ND	251		ug/L	250	101%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Vinyl chloride	ND	185		ug/L	250	74%	53 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Xylenes, total	ND	891		ug/L	750	119%	68 - 158	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.0		ug/L	50.0	98%	63 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Dibromofluoromethane</i>		52.0		ug/L	50.0	104%	73 - 131	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Toluene-d8</i>		50.2		ug/L	50.0	100%	80 - 120	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 4-Bromofluorobenzene</i>		45.5		ug/L	50.0	91%	79 - 125	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J4164-MSD1 Nitrate as N	0.725	5.79	R2	mg/L	3.00	169%	80 - 120	45	20	10J4164	NTJ2567-05	10/21/10 22:30
10J5211-MSD1 Total Organic Carbon	2.48	21.8		mg/L	20.0	97%	66 - 135	2	20	10J5211	NTJ2567-05RE1	10/27/10 11:27
Total Metals by EPA Method 6010B												
10J4498-MSD1 Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125		20	10J4498	NTJ2567-05	10/26/10 09:53
Dissolved Metals by EPA Method 6010B												
10J5197-MSD1 Iron	2.75	3.78		mg/L	1.00	103%	75 - 125	0.2	20	10J5197	NTJ3128-18	10/29/10 15:29
Lead	ND	0.0493		mg/L	0.0500	99%	75 - 125	2	20	10J5197	NTJ3128-18	10/29/10 15:29
Manganese	0.0440	0.519		mg/L	0.500	95%	75 - 125	0.7	20	10J5197	NTJ3128-18	10/29/10 15:29
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1 Acetone	ND	1590		ug/L	1250	128%	56 - 150	2	31	10J4609	NTJ2567-05RE2	10/26/10 23:28
Benzene	ND	289		ug/L	250	116%	65 - 151	4	12	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromobenzene	ND	262		ug/L	250	105%	69 - 142	8	23	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromochloromethane	ND	310		ug/L	250	124%	64 - 154	6	32	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromodichloromethane	ND	301		ug/L	250	120%	75 - 138	6	13	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromoform	ND	339		ug/L	250	136%	55 - 153	8	18	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromomethane	ND	187		ug/L	250	75%	13 - 176	7	50	10J4609	NTJ2567-05RE2	10/26/10 23:28
2-Butanone	ND	1710		ug/L	1250	137%	45 - 164	5	37	10J4609	NTJ2567-05RE2	10/26/10 23:28
sec-Butylbenzene	ND	280		ug/L	250	112%	68 - 159	15	21	10J4609	NTJ2567-05RE2	10/26/10 23:28
n-Butylbenzene	ND	307		ug/L	250	123%	67 - 151	7	11	10J4609	NTJ2567-05RE2	10/26/10 23:28
tert-Butylbenzene	ND	231		ug/L	250	93%	73 - 153	9	20	10J4609	NTJ2567-05RE2	10/26/10 23:28
Carbon disulfide	ND	286		ug/L	250	114%	33 - 187	4	28	10J4609	NTJ2567-05RE2	10/26/10 23:28
Carbon Tetrachloride	ND	337		ug/L	250	135%	64 - 157	7	26	10J4609	NTJ2567-05RE2	10/26/10 23:28
Chlorobenzene	ND	308		ug/L	250	123%	78 - 136	8	11	10J4609	NTJ2567-05RE2	10/26/10 23:28
Chlorodibromomethane	ND	313		ug/L	250	125%	64 - 145	7	16	10J4609	NTJ2567-05RE2	10/26/10 23:28

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2566
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Chloroethane	ND	215		ug/L	250	86%	48 - 159	5	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloroform	11.8	307		ug/L	250	118%	72 - 145	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloromethane	ND	106		ug/L	250	42%	10 - 194	13	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Chlorotoluene	ND	274		ug/L	250	110%	66 - 155	9	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Chlorotoluene	ND	324		ug/L	250	130%	69 - 149	18	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromo-3-chloropropane	ND	349		ug/L	250	140%	49 - 162	12	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromoethane (EDB)	ND	315		ug/L	250	126%	70 - 152	8	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dibromomethane	ND	299		ug/L	250	120%	75 - 141	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,4-Dichlorobenzene	ND	314	R	ug/L	250	126%	75 - 135	14	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichlorobenzene	ND	283		ug/L	250	113%	72 - 146	7	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichlorobenzene	ND	289		ug/L	250	116%	80 - 136	7	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dichlorodifluoromethane	ND	92.7		ug/L	250	37%	23 - 159	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethane	ND	309		ug/L	250	124%	64 - 154	6	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloroethane	ND	294		ug/L	250	118%	72 - 137	5	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
cis-1,2-Dichloroethene	ND	310		ug/L	250	124%	57 - 154	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethene	ND	320		ug/L	250	128%	34 - 151	5	31	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,2-Dichloroethene	ND	313		ug/L	250	125%	57 - 157	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichloropropane	ND	295		ug/L	250	118%	71 - 137	5	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloropropane	ND	280		ug/L	250	112%	71 - 139	6	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2,2-Dichloropropane	ND	371		ug/L	250	148%	10 - 198	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
cis-1,3-Dichloropropene	ND	329		ug/L	250	132%	56 - 156	8	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,3-Dichloropropene	ND	320		ug/L	250	128%	47 - 157	8	26	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloropropene	ND	325		ug/L	250	130%	70 - 155	5	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Ethylbenzene	ND	306		ug/L	250	122%	68 - 157	7	12	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Hexachlorobutadiene	ND	274		ug/L	250	110%	47 - 173	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Hexanone	ND	1710		ug/L	1250	137%	57 - 154	6	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Isopropylbenzene	ND	352	M7	ug/L	250	141%	69 - 139	8	15	10J4609	NTJ2567-05RE 2	10/26/10 23:28
p-Isopropyltoluene	ND	284		ug/L	250	114%	69 - 151	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methyl tert-Butyl Ether	ND	312		ug/L	250	125%	56 - 152	7	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methylene Chloride	1.45	278		ug/L	250	111%	71 - 136	1	36	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Methyl-2-pentanone	ND	1540		ug/L	1250	123%	62 - 159	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Naphthalene	ND	321		ug/L	250	128%	56 - 161	8	30	10J4609	NTJ2567-05RE 2	10/26/10 23:28
n-Propylbenzene	ND	275		ug/L	250	110%	61 - 167	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Styrene	ND	318		ug/L	250	127%	69 - 150	6	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1,2-Tetrachloroethane	ND	294		ug/L	250	117%	80 - 140	8	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2,2-Tetrachloroethane	ND	279		ug/L	250	112%	76 - 141	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Tetrachloroethene	2.85	325		ug/L	250	129%	63 - 155	7	16	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Toluene	ND	301		ug/L	250	120%	61 - 153	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichlorobenzene	ND	305		ug/L	250	122%	57 - 155	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,4-Trichlorobenzene	ND	321		ug/L	250	129%	64 - 147	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2-Trichloroethane	ND	300		ug/L	250	120%	74 - 138	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1-Trichloroethane	ND	334		ug/L	250	134%	78 - 153	5	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichloroethene	460	813	M7	ug/L	250	141%	74 - 139	3	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichlorofluoromethane	ND	240		ug/L	250	96%	53 - 149	5	33	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichloropropane	ND	303		ug/L	250	121%	49 - 148	11	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3,5-Trimethylbenzene	ND	279		ug/L	250	112%	67 - 151	9	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,4-Trimethylbenzene	ND	275		ug/L	250	110%	69 - 150	9	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Vinyl chloride	ND	190		ug/L	250	76%	53 - 137	3	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Xylenes, total	ND	961		ug/L	750	128%	68 - 158	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: 1,2-Dichloroethane-d4</i>		47.8		ug/L	50.0	96%	63 - 140			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Dibromofluoromethane</i>		51.4		ug/L	50.0	103%	73 - 131			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Toluene-d8</i>		50.4		ug/L	50.0	101%	80 - 120			10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1 Surrogate: 4-Bromofluorobenzene	46.5			ug/L	50.0	93%	79 - 125			10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
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Work Order: NTJ2566
Project Name: C&D Conyers GA
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Received: 10/21/10 10:50

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Georgia
SM2320 B	Water		X	
SW846 6010B	Water	N/A	X	
SW846 8260B	Water	N/A	X	
SW846 9056	Water	N/A	X	
SW846 9060A	Water			X

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

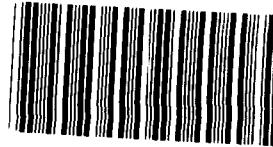
Work Order: NTJ2566
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 10:50

DATA QUALIFIERS AND DEFINITIONS

- A-01** Sample titrated <4.5 due to sample matrix
- H2** Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M4** The MS/MSD required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information. See Blank Spike (LCS).
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- R** The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R2** The RPD exceeded the acceptance limit.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER REC



Cooler Received/Opened On	10/21/2010 @ 1100	NTJ2566
1. Tracking #	<u>N/A</u>	
Courier:	<u>Off-Street</u>	IR Gun ID
2.	Temperature of rep. sample or temp blank when opened:	<u>0.9</u> Degrees Celsius
3.	If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO... <u>NA</u>	
4.	Were custody seals on outside of cooler?	
YES...NO... <u>NA</u> <i>NA</i>		
If yes, how many and where: _____		
5.	Were the seals intact, signed, and dated correctly?	
YES...NO... <u>NA</u>		
6.	Were custody papers inside cooler?	
YES...NO... <u>NA</u> <i>M</i>		
<u>I certify that I opened the cooler and answered questions 1-6 (initial)</u> _____		
7.	Were custody seals on containers:	YES <input checked="" type="radio"/> NO <input type="radio"/> and Intact YES...NO... <u>NA</u>
Were these signed and dated correctly? YES...NO... <u>NA</u>		
8.	Packing mat'l used?	<u>Bubblewrap</u> <input checked="" type="radio"/> Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9.	Cooling process:	<input checked="" type="radio"/> Ice Ice-pack Ice (direct contact) Dry ice Other None
10.	Did all containers arrive in good condition (unbroken)? YES...NO... <u>NA</u>	
11.	Were all container labels complete (#, date, signed, pres., etc)? YES...NO... <u>NA</u>	
12.	Did all container labels and tags agree with custody papers? YES...NO... <u>NA</u>	
13a.	Were VOA vials received?	
b.	Was there any observable headspace present in any VOA vial? YES...NO... <u>NA</u>	
14.	Was there a Trip Blank in this cooler?	<input checked="" type="radio"/> YES...NO... <u>NA</u> If multiple coolers, sequence # <u>2</u>
<u>I certify that I unloaded the cooler and answered questions 7-14 (initial)</u> _____		
15a.	On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO... <u>NA</u>	
b.	Did the bottle labels indicate that the correct preservatives were used YES...NO... <u>NA</u>	
16.	Was residual chlorine present? YES...NO... <u>NA</u>	
<u>I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)</u> _____		
17.	Were custody papers properly filled out (ink, signed, etc)? YES...NO... <u>NA</u>	
18.	Did you sign the custody papers in the appropriate place? YES...NO... <u>NA</u>	
19.	Were correct containers used for the analysis requested? YES...NO... <u>NA</u>	
20.	Was sufficient amount of sample sent in each container? YES...NO... <u>NA</u>	
<u>I certify that I entered this project into LIMS and answered questions 17-20 (initial)</u> _____		
<u>I certify that I attached a label with the unique LIMS number to each container (initial)</u> _____		
21.	Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____	

November 24, 2010 11:29:41AM

Client: URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn: Craig Bernhoft

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Nbr: 20500332.00001
P/O Nbr: Craig.Bernhoft@urscorp.com
Date Received: 10/21/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-3	NTJ2567-01	10/19/10 16:30
DMW-3S	NTJ2567-02	10/19/10 18:15
DMW-3D	NTJ2567-03	10/20/10 10:35
DMW-3D DUP	NTJ2567-04	10/20/10 10:35
MW-37	NTJ2567-05	10/20/10 10:30
EQ BLK-1	NTJ2567-06	10/20/10 11:45
EQ BLK-2	NTJ2567-07	10/20/10 11:50
MW-38	NTJ2567-08	10/20/10 13:30
MW-38 DUP	NTJ2567-09	10/20/10 13:35
DMW-2D	NTJ2567-10	10/20/10 14:50
DMW-2S	NTJ2567-11	10/20/10 15:55
Trip Blank-2	NTJ2567-12	10/20/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Georgia Certification Number: E87358

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-01 (MW-3 - Ground Water) Sampled: 10/19/10 16:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	2.45	HT3	mg/L	0.100	1	10/21/10 20:34	SW846 9056	10J4164
Sulfate	530	H2	mg/L	5.00	5	11/22/10 01:07	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 21:29	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 21:29	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
cis-1,2-Dichloroethene	1.42		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-01 (MW-3 - Ground Water) - cont. Sampled: 10/19/10 16:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 21:29	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 21:29	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 21:29	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 21:29	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Tetrachloroethene	27.9		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Trichloroethene	20.7		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 21:29	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	97 %					10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	101 %					10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					10/26/10 21:29	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	98 %					10/26/10 21:29	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-02 (DMW-3S - Ground Water) Sampled: 10/19/10 18:15								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/01/10 20:42	SM2320 B	10J4948
Nitrate as N	0.967	HT3	mg/L	0.100	1	10/21/10 20:53	SW846 9056	10J4164
Sulfate	81.0	H2	mg/L	2.00	2	11/22/10 01:27	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 14:26	SW846 6010B	10J5197
Manganese	0.667		mg/L	0.150	10	10/29/10 17:04	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 21:59	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 21:59	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-02 (DMW-3S - Ground Water) - cont. Sampled: 10/19/10 18:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 21:59	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 21:59	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 21:59	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 21:59	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Trichloroethene	1.02		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 21:59	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 21:59	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 21:59	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 21:59	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 21:59	SW846 8260B	10J4609
Surr: 4-Bromofluorobenzene (79-125%)	99 %					10/26/10 21:59	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-03 (DMW-3D - Ground Water) Sampled: 10/20/10 10:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	2.14		mg/L	0.100	1	10/21/10 21:13	SW846 9056	10J4164
Sulfate	410	H2	mg/L	100	100	11/22/10 12:53	SW846 9056	10K4416
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 14:28	SW846 6010B	10J5197
Manganese	2.37		mg/L	0.150	10	10/29/10 17:06	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 22:29	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 22:29	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
cis-1,2-Dichloroethene	3.59		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-03 (DMW-3D - Ground Water) - cont. Sampled: 10/20/10 10:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 22:29	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 22:29	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 22:29	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 22:29	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Tetrachloroethene	17.2		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Trichloroethene	36.7		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 22:29	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 22:29	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 22:29	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 22:29	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 22:29	SW846 8260B	10J4609
Surr: 4-Bromofluorobenzene (79-125%)	97 %					10/26/10 22:29	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-04 (DMW-3D DUP - Ground Water) Sampled: 10/20/10 10:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	2.17		mg/L	0.100	1	10/21/10 21:32	SW846 9056	10J4164
Sulfate	461	H2	mg/L	20.0	20	11/22/10 02:08	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 14:31	SW846 6010B	10J5197
Manganese	2.29		mg/L	0.150	10	10/29/10 17:09	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 16:10	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromodichloromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 16:10	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chloroform	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
cis-1,2-Dichloroethene	2.87		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-04 (DMW-3D DUP - Ground Water) - cont. Sampled: 10/20/10 10:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 16:10	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 16:10	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 16:10	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 16:10	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Tetrachloroethene	16.0		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Trichloroethene	30.2		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 16:10	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 16:10	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	86 %					10/30/10 16:10	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	96 %					10/30/10 16:10	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	103 %					10/30/10 16:10	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	96 %					10/30/10 16:10	SW846 8260B	10J5892

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-05 (MW-37 - Ground Water) Sampled: 10/20/10 10:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.725		mg/L	0.100	1	10/21/10 21:51	SW846 9056	10J4164
Sulfate	4780	H2	mg/L	50.0	50	11/22/10 02:28	SW846 9056	10K3588
Total Organic Carbon	2.48		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND	M4	mg/L	0.500	100	10/26/10 09:47	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	43.6	MHA	mg/L	0.500	10	11/01/10 13:35	SW846 6010B	10J5817
Lead	0.158		mg/L	0.0500	10	11/01/10 13:35	SW846 6010B	10J5817
Manganese	50.6	MHA	mg/L	0.150	10	11/01/10 13:35	SW846 6010B	10J5817
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 16:03	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 16:03	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chloroform	7.90		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-05 (MW-37 - Ground Water) - cont. Sampled: 10/20/10 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 16:03	SW846 8260B	10J4609
Isopropylbenzene	ND	M7	ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 16:03	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 16:03	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 16:03	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Tetrachloroethene	2.59		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Trichloroethene	460		ug/L	5.00	5	10/26/10 16:32	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 16:03	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 16:03	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	95 %					10/26/10 16:32	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 16:32	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	94 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 16:32	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 16:03	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	100 %					10/26/10 16:32	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-06 (EQ BLK-1 - Ground Water) Sampled: 10/20/10 11:45								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	ND		mg/L	0.100	1	10/21/10 23:28	SW846 9056	10J4164
Sulfate	ND		mg/L	1.00	1	10/21/10 23:28	SW846 9056	10J4164
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.00500	1	10/25/10 22:43	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:11	SW846 6010B	10J5197
Lead	ND		mg/L	0.00500	1	10/29/10 15:11	SW846 6010B	10J5197
Manganese	ND		mg/L	0.0150	1	10/29/10 15:11	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 13:23	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromodichloromethane	2.19		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 13:23	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chloroform	9.66		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-06 (EQ BLK-1 - Ground Water) - cont. Sampled: 10/20/10 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 13:23	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 13:23	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 13:23	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 13:23	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Trichloroethene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 13:23	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 13:23	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	85 %					10/30/10 13:23	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	95 %					10/30/10 13:23	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	100 %					10/30/10 13:23	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	99 %					10/30/10 13:23	SW846 8260B	10J5892

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-07 (EQ BLK-2 - Ground Water) Sampled: 10/20/10 11:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	ND		mg/L	0.100	1	10/21/10 23:47	SW846 9056	10J4164
Sulfate	1.09		mg/L	1.00	1	10/21/10 23:47	SW846 9056	10J4164
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.00500	1	10/25/10 22:46	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:13	SW846 6010B	10J5197
Lead	ND		mg/L	0.00500	1	10/29/10 15:13	SW846 6010B	10J5197
Manganese	ND		mg/L	0.0150	1	10/29/10 15:13	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 13:51	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromodichloromethane	2.09		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 13:51	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chloroform	8.69		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-07 (EQ BLK-2 - Ground Water) - cont. Sampled: 10/20/10 11:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 13:51	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 13:51	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 13:51	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 13:51	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Trichloroethene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 13:51	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 13:51	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	86 %					10/30/10 13:51	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	96 %					10/30/10 13:51	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	96 %					10/30/10 13:51	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	101 %					10/30/10 13:51	SW846 8260B	10J5892

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-08 (MW-38 - Ground Water) Sampled: 10/20/10 13:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND		mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	1.35		mg/L	0.100	1	10/22/10 00:06	SW846 9056	10J4164
Sulfate	5480	H2	mg/L	50.0	50	11/22/10 02:48	SW846 9056	10K3588
Total Organic Carbon	2.92		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.500	100	10/26/10 09:56	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	82.4		mg/L	5.00	100	10/29/10 17:11	SW846 6010B	10J5197
Lead	ND		mg/L	0.500	100	10/29/10 17:11	SW846 6010B	10J5197
Manganese	94.2		mg/L	1.50	100	10/29/10 17:11	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 19:01	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 19:01	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-08 (MW-38 - Ground Water) - cont. Sampled: 10/20/10 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 19:01	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 19:01	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 19:01	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 19:01	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Tetrachloroethene	1.16		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Trichloroethene	486		ug/L	5.00	5	10/26/10 19:30	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 19:01	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 19:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	98 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 19:30	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 19:30	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	95 %					10/26/10 19:30	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 19:01	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 19:30	SW846 8260B	10J4609

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-09 (MW-38 DUP - Ground Water) Sampled: 10/20/10 13:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	1.26		mg/L	0.100	1	10/22/10 00:25	SW846 9056	10J4164
Sulfate	5670	H2	mg/L	50.0	50	11/22/10 03:08	SW846 9056	10K3588
Total Organic Carbon	2.80		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Total Metals by EPA Method 6010B								
Lead	ND		mg/L	0.500	100	10/26/10 09:59	SW846 6010B	10J4498
Dissolved Metals by EPA Method 6010B								
Iron	88.1		mg/L	5.00	100	10/29/10 17:14	SW846 6010B	10J5197
Lead	ND		mg/L	0.500	100	10/29/10 17:14	SW846 6010B	10J5197
Manganese	100		mg/L	1.50	100	10/29/10 17:14	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 20:00	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 20:00	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-09 (MW-38 DUP - Ground Water) - cont. Sampled: 10/20/10 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 20:00	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 20:00	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 20:00	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 20:00	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Tetrachloroethene	1.14		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Trichloroethene	490		ug/L	5.00	5	10/26/10 20:30	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 20:00	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 20:00	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	96 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: 1,2-Dichloroethane-d4 (63-140%)	97 %					10/26/10 20:30	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	101 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: Dibromofluoromethane (73-131%)	100 %					10/26/10 20:30	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: Toluene-d8 (80-120%)	96 %					10/26/10 20:30	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 20:00	SW846 8260B	10J4609
Surr: 4-Bromo fluorobenzene (79-125%)	98 %					10/26/10 20:30	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-10 (DMW-2D - Ground Water) Sampled: 10/20/10 14:50								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	0.738		mg/L	0.100	1	10/22/10 00:45	SW846 9056	10J4164
Sulfate	147	H2	mg/L	10.0	10	11/22/10 03:29	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:21	SW846 6010B	10J5197
Manganese	3.67		mg/L	0.150	10	11/01/10 10:39	SW846 6010B	10J5197
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 16:38	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromodichloromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 16:38	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chloroform	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-10 (DMW-2D - Ground Water) - cont. Sampled: 10/20/10 14:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 16:38	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 16:38	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 16:38	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 16:38	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Trichloroethene	93.4		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 16:38	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 16:38	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	85 %					10/30/10 16:38	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	96 %					10/30/10 16:38	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	105 %					10/30/10 16:38	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	97 %					10/30/10 16:38	SW846 8260B	10J5892

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-11 (DMW-2S - Ground Water) Sampled: 10/20/10 15:55								
General Chemistry Parameters								
Alkalinity, Total (CaCO ₃)	ND	A-01	mg/L	10.0	1	11/02/10 12:35	SM2320 B	10J4965
Nitrate as N	1.07		mg/L	0.100	1	10/22/10 01:04	SW846 9056	10J4164
Sulfate	98.1	H2	mg/L	5.00	5	11/22/10 04:30	SW846 9056	10K3588
Total Organic Carbon	ND		mg/L	1.00	1	10/27/10 11:27	SW846 9060A	10J5211
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	10/29/10 15:49	SW846 6010B	10J5647
Manganese	0.620		mg/L	0.0150	1	10/29/10 15:49	SW846 6010B	10J5647
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/30/10 17:06	SW846 8260B	10J5892
Benzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromochloromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromodichloromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromoform	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Bromomethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
2-Butanone	ND		ug/L	50.0	1	10/30/10 17:06	SW846 8260B	10J5892
sec-Butylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
n-Butylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
tert-Butylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Carbon disulfide	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Carbon Tetrachloride	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chlorodibromomethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chloroform	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Chloromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
2-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
4-Chlorotoluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Dibromomethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1-Dichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1-Dichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,3-Dichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-11 (DMW-2S - Ground Water) - cont. Sampled: 10/20/10 15:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1-Dichloropropene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Ethylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Hexachlorobutadiene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
2-Hexanone	ND		ug/L	50.0	1	10/30/10 17:06	SW846 8260B	10J5892
Isopropylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
p-Isopropyltoluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Methylene Chloride	ND		ug/L	5.00	1	10/30/10 17:06	SW846 8260B	10J5892
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/30/10 17:06	SW846 8260B	10J5892
Naphthalene	ND		ug/L	5.00	1	10/30/10 17:06	SW846 8260B	10J5892
n-Propylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Styrene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Tetrachloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Toluene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Trichloroethene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Trichlorofluoromethane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Vinyl chloride	ND		ug/L	1.00	1	10/30/10 17:06	SW846 8260B	10J5892
Xylenes, total	ND		ug/L	3.00	1	10/30/10 17:06	SW846 8260B	10J5892
Surr: 1,2-Dichloroethane-d4 (63-140%)	87 %					10/30/10 17:06	SW846 8260B	10J5892
Surr: Dibromofluoromethane (73-131%)	98 %					10/30/10 17:06	SW846 8260B	10J5892
Surr: Toluene-d8 (80-120%)	99 %					10/30/10 17:06	SW846 8260B	10J5892
Surr: 4-Bromofluorobenzene (79-125%)	101 %					10/30/10 17:06	SW846 8260B	10J5892

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-12 (Trip Blank-2 - Water) Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/26/10 14:38	SW846 8260B	10J4609
Benzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromochloromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromodichloromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromoform	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Bromomethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2-Butanone	ND		ug/L	50.0	1	10/26/10 14:38	SW846 8260B	10J4609
sec-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
n-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
tert-Butylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Carbon disulfide	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Carbon Tetrachloride	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chlorodibromomethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chloroform	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Chloromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
4-Chlorotoluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dibromo-3-chloropropane	ND	L	ug/L	5.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Dibromomethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,3-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2,2-Dichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1-Dichloropropene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Ethylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Hexachlorobutadiene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
2-Hexanone	ND		ug/L	50.0	1	10/26/10 14:38	SW846 8260B	10J4609
Isopropylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
p-Isopropyltoluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTJ2567-12 (Trip Blank-2 - Water) - cont. Sampled: 10/20/10 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Methylene Chloride	ND		ug/L	5.00	1	10/26/10 14:38	SW846 8260B	10J4609
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/26/10 14:38	SW846 8260B	10J4609
Naphthalene	ND		ug/L	5.00	1	10/26/10 14:38	SW846 8260B	10J4609
n-Propylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Styrene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Tetrachloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Toluene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Trichloroethene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Trichlorofluoromethane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Vinyl chloride	ND		ug/L	1.00	1	10/26/10 14:38	SW846 8260B	10J4609
Xylenes, total	ND		ug/L	3.00	1	10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	95 %					10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: Dibromofluoromethane (73-131%)</i>	100 %					10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					10/26/10 14:38	SW846 8260B	10J4609
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	102 %					10/26/10 14:38	SW846 8260B	10J4609

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SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	10J5197	NTJ2567-02	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-02	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-03	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-03	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-04	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-04	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-05	50.00	50.00	10/29/10 13:33	DEB	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-05	50.00	50.00	10/29/10 13:33	DEB	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-05	50.00	50.00	10/29/10 13:33	DEB	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-06	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-07	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-07	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-07	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-08	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-08	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-08	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-09	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-09	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-09	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-10	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5197	NTJ2567-10	50.00	50.00	10/29/10 06:10	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5647	NTJ2567-11	50.00	50.00	10/29/10 08:05	ALJ	EPA 3010A / 6010 D
SW846 6010B	10J5647	NTJ2567-11	50.00	50.00	10/29/10 08:05	ALJ	EPA 3010A / 6010 D
Total Metals by EPA Method 6010B							
SW846 6010B	10J4498	NTJ2567-05	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-06	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-07	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-08	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010
SW846 6010B	10J4498	NTJ2567-09	50.00	50.00	10/25/10 09:20	ALJ	EPA 3010A / 6010

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PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10J4164-BLK1						
Nitrate as N	<0.0100		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
Sulfate	<0.110		mg/L	10J4164	10J4164-BLK1	10/21/10 14:09
10J4948-BLK1						
Alkalinity, Total (CaCO ₃)	6.89		mg/L	10J4948	10J4948-BLK1	11/01/10 20:42
10J4965-BLK1						
Alkalinity, Total (CaCO ₃)	7.01		mg/L	10J4965	10J4965-BLK1	11/02/10 12:35
10J5211-BLK1						
Total Organic Carbon	<0.500		mg/L	10J5211	10J5211-BLK1	10/27/10 11:27
10K4416-BLK1						
Sulfate	<0.110		mg/L	10K4416	10K4416-BLK1	11/22/10 11:32
Total Metals by EPA Method 6010B						
10J4498-BLK1						
Lead	<0.00290		mg/L	10J4498	10J4498-BLK1	10/25/10 22:02
Dissolved Metals by EPA Method 6010B						
10J5197-BLK1						
Iron	<0.0490		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Lead	<0.00290		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
Manganese	0.00230		mg/L	10J5197	10J5197-BLK1	10/29/10 13:49
10J5647-BLK1						
Iron	<0.0490		mg/L	10J5647	10J5647-BLK1	10/29/10 15:36
Manganese	<0.00100		mg/L	10J5647	10J5647-BLK1	10/29/10 15:36
10J5817-BLK1						
Iron	<0.0490		mg/L	10J5817	10J5817-BLK1	11/01/10 10:47
Lead	<0.00290		mg/L	10J5817	10J5817-BLK1	11/01/10 10:47
Manganese	<0.00100		mg/L	10J5817	10J5817-BLK1	11/01/10 10:47
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
Acetone	<25.0		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Benzene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromobenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromochloromethane	<0.440		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromodichloromethane	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Bromoform	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
Bromomethane	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Butanone	<1.70		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
sec-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
n-Butylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
tert-Butylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon disulfide	<0.290		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Carbon Tetrachloride	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorobenzene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chlorodibromomethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroethane	<0.410		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloroform	<0.470		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Chloromethane	<0.180		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Chlorotoluene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Chlorotoluene	<0.270		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dibromomethane	<0.430		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,4-Dichlorobenzene	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichlorobenzene	<0.490		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichlorobenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Dichlorodifluoromethane	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethane	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,2-Dichloroethene	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,2-Dichloroethene	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3-Dichloropropane	<0.280		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2-Dichloropropane	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2,2-Dichloropropane	<0.260		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
cis-1,3-Dichloropropene	<0.190		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
trans-1,3-Dichloropropene	<0.160		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1-Dichloropropene	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Ethylbenzene	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Hexachlorobutadiene	<0.310		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
2-Hexanone	<2.20		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Isopropylbenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
p-Isopropyltoluene	<0.210		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methyl tert-Butyl Ether	<0.320		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Methylene Chloride	<0.150		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
4-Methyl-2-pentanone	<1.60		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Naphthalene	<0.170		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38

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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4609-BLK1						
n-Propylbenzene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Styrene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Tetrachloroethene	<0.220		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Toluene	<0.330		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,3-Trichlorobenzene	<0.140		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trichlorobenzene	<0.240		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,2-Trichloroethane	<0.380		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,1,1-Trichloroethane	<0.350		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichloroethene	<0.370		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Trichlorofluoromethane	<0.300		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,3-Trichloropropane	<0.460		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,3,5-Trimethylbenzene	<0.230		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
1,2,4-Trimethylbenzene	<0.200		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Vinyl chloride	<0.360		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Xylenes, total	<0.870		ug/L	10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: 1,2-Dichloroethane-d4	97%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: Dibromofluoromethane	101%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: Toluene-d8	97%			10J4609	10J4609-BLK1	10/26/10 13:38
Surrogate: 4-Bromofluorobenzene	99%			10J4609	10J4609-BLK1	10/26/10 13:38
10J5892-BLK1						
Acetone	<25.0		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Benzene	<0.270		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromobenzene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromochloromethane	<0.440		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromodichloromethane	<0.370		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromoform	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Bromomethane	<0.470		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
2-Butanone	<1.70		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
sec-Butylbenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
n-Butylbenzene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
tert-Butylbenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Carbon disulfide	<0.290		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Carbon Tetrachloride	<0.270		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chlorobenzene	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chlorodibromomethane	<0.300		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chloroethane	<0.410		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chloroform	<0.470		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Chloromethane	<0.180		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59

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Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J5892-BLK1						
2-Chlorotoluene	<0.250		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
4-Chlorotoluene	<0.270		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dibromo-3-chloropropane	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dibromoethane (EDB)	<0.340		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Dibromomethane	<0.430		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,4-Dichlorobenzene	<0.250		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,3-Dichlorobenzene	<0.490		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dichlorobenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Dichlorodifluoromethane	<0.140		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1-Dichloroethane	<0.320		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dichloroethane	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
cis-1,2-Dichloroethene	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1-Dichloroethene	<0.360		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
trans-1,2-Dichloroethene	<0.360		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,3-Dichloropropane	<0.280		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2-Dichloropropane	<0.330		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
2,2-Dichloropropane	<0.260		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
cis-1,3-Dichloropropene	<0.190		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
trans-1,3-Dichloropropene	<0.160		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1-Dichloropropene	<0.300		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Ethylbenzene	<0.320		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Hexachlorobutadiene	<0.310		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
2-Hexanone	<2.20		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Isopropylbenzene	<0.240		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
p-Isopropyltoluene	<0.210		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Methyl tert-Butyl Ether	<0.320		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Methylene Chloride	<0.150		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
4-Methyl-2-pentanone	<1.60		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Naphthalene	<0.170		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
n-Propylbenzene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Styrene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,1,2-Tetrachloroethane	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,2,2-Tetrachloroethane	<0.250		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Tetrachloroethene	<0.220		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Toluene	<0.330		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2,3-Trichlorobenzene	<0.140		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2,4-Trichlorobenzene	<0.240		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,2-Trichloroethane	<0.380		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,1,1-Trichloroethane	<0.350		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Trichloroethene	<0.370		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Trichlorofluoromethane	<0.300		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J5892-BLK1						
1,2,3-Trichloropropane	<0.460		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,3,5-Trimethylbenzene	<0.230		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
1,2,4-Trimethylbenzene	<0.200		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Vinyl chloride	<0.360		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
Xylenes, total	<0.870		ug/L	10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: 1,2-Dichloroethane-d4</i>	86%			10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: Dibromofluoromethane</i>	96%			10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: Toluene-d8</i>	99%			10J5892	10J5892-BLK1	10/30/10 11:59
<i>Surrogate: 4-Bromofluorobenzene</i>	98%			10J5892	10J5892-BLK1	10/30/10 11:59

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	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J4164-DUP1										
Nitrate as N	1.07	0.863	R2	mg/L	22	20	10J4164	NTJ2567-11		10/22/10 01:23
10J4948-DUP1										
Alkalinity, Total (CaCO ₃)	43.4	47.7		mg/L	10	20	10J4948	NTJ2229-06		11/01/10 20:42
10J4965-DUP1										
Alkalinity, Total (CaCO ₃)	ND	38.1		mg/L		20	10J4965	NTJ2567-05		11/02/10 12:35
10J5211-DUP1										
Total Organic Carbon	ND	ND		mg/L		20	10J5211	NTJ2567-11RE1		10/27/10 11:27
10K4416-DUP1										
Sulfate	410	401		mg/L	2	20	10K4416	NTJ2567-03RE3		11/22/10 13:14

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PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10J4164-BS1								
Nitrate as N	3.00	3.22		mg/L	108%	90 - 110	10J4164	10/21/10 13:50
Sulfate	15.0	16.4		mg/L	109%	90 - 110	10J4164	10/21/10 13:50
10J4948-BS1								
Alkalinity, Total (CaCO ₃)	100	105		mg/L	105%	90 - 110	10J4948	11/01/10 20:42
10J4965-BS1								
Alkalinity, Total (CaCO ₃)	100	96.4		mg/L	96%	90 - 110	10J4965	11/02/10 12:35
10J5211-BS1								
Total Organic Carbon	10.0	9.20		mg/L	92%	90 - 110	10J5211	10/27/10 11:27
10K4416-BS1								
Sulfate	15.0	15.1		mg/L	101%	90 - 110	10K4416	11/22/10 11:53
Total Metals by EPA Method 6010B								
10J4498-BS1								
Lead	0.0500	0.0435		mg/L	87%	80 - 120	10J4498	10/25/10 22:05
Dissolved Metals by EPA Method 6010B								
10J5197-BS1								
Iron	1.00	1.04		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Lead	0.0500	0.0521		mg/L	104%	80 - 120	10J5197	10/29/10 13:51
Manganese	0.500	0.499		mg/L	100%	80 - 120	10J5197	10/29/10 13:51
10J5647-BS1								
Iron	1.00	0.990		mg/L	99%	80 - 120	10J5647	10/29/10 15:47
Manganese	0.500	0.491		mg/L	98%	80 - 120	10J5647	10/29/10 15:47
10J5817-BS1								
Iron	1.00	1.05		mg/L	105%	80 - 120	10J5817	11/01/10 10:49
Lead	0.0500	0.0510		mg/L	102%	80 - 120	10J5817	11/01/10 10:49
Manganese	0.500	0.503		mg/L	101%	80 - 120	10J5817	11/01/10 10:49
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
Acetone	250	303		ug/L	121%	56 - 150	10J4609	10/26/10 12:09
Benzene	50.0	48.1		ug/L	96%	80 - 121	10J4609	10/26/10 12:09
Bromobenzene	50.0	45.6		ug/L	91%	72 - 130	10J4609	10/26/10 12:09
Bromochloromethane	50.0	52.2		ug/L	104%	73 - 137	10J4609	10/26/10 12:09
Bromodichloromethane	50.0	50.6		ug/L	101%	75 - 131	10J4609	10/26/10 12:09
Bromoform	50.0	59.9		ug/L	120%	65 - 140	10J4609	10/26/10 12:09

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
Bromomethane	50.0	45.3		ug/L	91%	50 - 150	10J4609	10/26/10 12:09
2-Butanone	250	314		ug/L	126%	70 - 144	10J4609	10/26/10 12:09
sec-Butylbenzene	50.0	48.9		ug/L	98%	72 - 140	10J4609	10/26/10 12:09
n-Butylbenzene	50.0	53.6		ug/L	107%	68 - 140	10J4609	10/26/10 12:09
tert-Butylbenzene	50.0	41.8		ug/L	84%	76 - 135	10J4609	10/26/10 12:09
Carbon disulfide	50.0	49.6		ug/L	99%	74 - 137	10J4609	10/26/10 12:09
Carbon Tetrachloride	50.0	53.6		ug/L	107%	71 - 137	10J4609	10/26/10 12:09
Chlorobenzene	50.0	50.9		ug/L	102%	80 - 121	10J4609	10/26/10 12:09
Chlorodibromomethane	50.0	55.0		ug/L	110%	68 - 137	10J4609	10/26/10 12:09
Chloroethane	50.0	47.7		ug/L	95%	50 - 146	10J4609	10/26/10 12:09
Chloroform	50.0	48.8		ug/L	98%	73 - 131	10J4609	10/26/10 12:09
Chloromethane	50.0	26.6		ug/L	53%	30 - 132	10J4609	10/26/10 12:09
2-Chlorotoluene	50.0	46.7		ug/L	93%	74 - 135	10J4609	10/26/10 12:09
4-Chlorotoluene	50.0	54.3		ug/L	109%	74 - 132	10J4609	10/26/10 12:09
1,2-Dibromo-3-chloropropane	50.0	69.8		ug/L	140%	56 - 145	10J4609	10/26/10 12:09
1,2-Dibromoethane (EDB)	50.0	53.4		ug/L	107%	80 - 135	10J4609	10/26/10 12:09
Dibromomethane	50.0	49.8		ug/L	100%	78 - 133	10J4609	10/26/10 12:09
1,4-Dichlorobenzene	50.0	52.3		ug/L	105%	80 - 120	10J4609	10/26/10 12:09
1,3-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 128	10J4609	10/26/10 12:09
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	80 - 125	10J4609	10/26/10 12:09
Dichlorodifluoromethane	50.0	31.4		ug/L	63%	30 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethane	50.0	49.8		ug/L	100%	75 - 125	10J4609	10/26/10 12:09
1,2-Dichloroethane	50.0	49.4		ug/L	99%	70 - 134	10J4609	10/26/10 12:09
cis-1,2-Dichloroethene	50.0	52.0		ug/L	104%	71 - 132	10J4609	10/26/10 12:09
1,1-Dichloroethene	50.0	51.1		ug/L	102%	73 - 125	10J4609	10/26/10 12:09
trans-1,2-Dichloroethene	50.0	52.8		ug/L	106%	77 - 125	10J4609	10/26/10 12:09
1,3-Dichloropropane	50.0	50.2		ug/L	100%	76 - 125	10J4609	10/26/10 12:09
1,2-Dichloropropane	50.0	46.2		ug/L	92%	72 - 120	10J4609	10/26/10 12:09
2,2-Dichloropropane	50.0	63.4		ug/L	127%	50 - 150	10J4609	10/26/10 12:09
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	70 - 140	10J4609	10/26/10 12:09
trans-1,3-Dichloropropene	50.0	56.4		ug/L	113%	62 - 139	10J4609	10/26/10 12:09
1,1-Dichloropropene	50.0	53.2		ug/L	106%	78 - 126	10J4609	10/26/10 12:09
Ethylbenzene	50.0	51.0		ug/L	102%	78 - 133	10J4609	10/26/10 12:09
Hexachlorobutadiene	50.0	51.2		ug/L	102%	70 - 150	10J4609	10/26/10 12:09
2-Hexanone	250	322		ug/L	129%	60 - 150	10J4609	10/26/10 12:09
Isopropylbenzene	50.0	58.5		ug/L	117%	69 - 120	10J4609	10/26/10 12:09
p-Isopropyltoluene	50.0	50.1		ug/L	100%	72 - 134	10J4609	10/26/10 12:09
Methyl tert-Butyl Ether	50.0	53.1		ug/L	106%	76 - 120	10J4609	10/26/10 12:09
Methylene Chloride	50.0	45.8		ug/L	92%	80 - 133	10J4609	10/26/10 12:09
4-Methyl-2-pentanone	250	290		ug/L	116%	62 - 146	10J4609	10/26/10 12:09
Naphthalene	50.0	60.3		ug/L	121%	71 - 139	10J4609	10/26/10 12:09

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4609-BS1								
n-Propylbenzene	50.0	47.0		ug/L	94%	70 - 143	10J4609	10/26/10 12:09
Styrene	50.0	52.9		ug/L	106%	80 - 136	10J4609	10/26/10 12:09
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L	99%	80 - 130	10J4609	10/26/10 12:09
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	73 - 131	10J4609	10/26/10 12:09
Tetrachloroethene	50.0	52.5		ug/L	105%	77 - 131	10J4609	10/26/10 12:09
Toluene	50.0	50.9		ug/L	102%	78 - 125	10J4609	10/26/10 12:09
1,2,3-Trichlorobenzene	50.0	56.2		ug/L	112%	71 - 138	10J4609	10/26/10 12:09
1,2,4-Trichlorobenzene	50.0	57.8		ug/L	116%	74 - 136	10J4609	10/26/10 12:09
1,1,2-Trichloroethane	50.0	50.3		ug/L	101%	80 - 123	10J4609	10/26/10 12:09
1,1,1-Trichloroethane	50.0	53.4		ug/L	107%	75 - 137	10J4609	10/26/10 12:09
Trichloroethylene	50.0	51.9		ug/L	104%	74 - 139	10J4609	10/26/10 12:09
Trichlorofluoromethane	50.0	48.4		ug/L	97%	60 - 133	10J4609	10/26/10 12:09
1,2,3-Trichloroproppane	50.0	54.2		ug/L	108%	64 - 127	10J4609	10/26/10 12:09
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	75 - 134	10J4609	10/26/10 12:09
1,2,4-Trimethylbenzene	50.0	48.5		ug/L	97%	77 - 134	10J4609	10/26/10 12:09
Vinyl chloride	50.0	45.3		ug/L	91%	60 - 122	10J4609	10/26/10 12:09
Xylenes, total	150	159		ug/L	106%	78 - 134	10J4609	10/26/10 12:09
Surrogate: 1,2-Dichloroethane-d4	50.0	47.5			95%	63 - 140	10J4609	10/26/10 12:09
Surrogate: Dibromofluoromethane	50.0	50.1			100%	73 - 131	10J4609	10/26/10 12:09
Surrogate: Toluene-d8	50.0	50.3			101%	80 - 120	10J4609	10/26/10 12:09
Surrogate: 4-Bromofluorobenzene	50.0	47.2			94%	79 - 125	10J4609	10/26/10 12:09
10J5892-BS1								
Acetone	250	267		ug/L	107%	56 - 150	10J5892	10/30/10 10:08
Benzene	50.0	48.6		ug/L	97%	80 - 121	10J5892	10/30/10 10:08
Bromobenzene	50.0	43.9		ug/L	88%	72 - 130	10J5892	10/30/10 10:08
Bromochloromethane	50.0	44.4		ug/L	89%	73 - 137	10J5892	10/30/10 10:08
Bromodichloromethane	50.0	46.9		ug/L	94%	75 - 131	10J5892	10/30/10 10:08
Bromoform	50.0	47.0		ug/L	94%	65 - 140	10J5892	10/30/10 10:08
Bromomethane	50.0	50.0		ug/L	100%	50 - 150	10J5892	10/30/10 10:08
2-Butanone	250	251		ug/L	100%	70 - 144	10J5892	10/30/10 10:08
sec-Butylbenzene	50.0	45.2		ug/L	90%	72 - 140	10J5892	10/30/10 10:08
n-Butylbenzene	50.0	43.3		ug/L	87%	68 - 140	10J5892	10/30/10 10:08
tert-Butylbenzene	50.0	42.8		ug/L	86%	76 - 135	10J5892	10/30/10 10:08
Carbon disulfide	50.0	47.7		ug/L	95%	74 - 137	10J5892	10/30/10 10:08
Carbon Tetrachloride	50.0	43.3		ug/L	87%	71 - 137	10J5892	10/30/10 10:08
Chlorobenzene	50.0	46.7		ug/L	93%	80 - 121	10J5892	10/30/10 10:08
Chlorodibromomethane	50.0	50.3		ug/L	101%	68 - 137	10J5892	10/30/10 10:08
Chloroethane	50.0	46.8		ug/L	94%	50 - 146	10J5892	10/30/10 10:08
Chloroform	50.0	47.1		ug/L	94%	73 - 131	10J5892	10/30/10 10:08
Chloromethane	50.0	52.3		ug/L	105%	30 - 132	10J5892	10/30/10 10:08

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J5892-BS1								
2-Chlorotoluene	50.0	44.4		ug/L	89%	74 - 135	10J5892	10/30/10 10:08
4-Chlorotoluene	50.0	45.0		ug/L	90%	74 - 132	10J5892	10/30/10 10:08
1,2-Dibromo-3-chloropropane	50.0	39.7		ug/L	79%	56 - 145	10J5892	10/30/10 10:08
1,2-Dibromoethane (EDB)	50.0	50.3		ug/L	101%	80 - 135	10J5892	10/30/10 10:08
Dibromomethane	50.0	53.6		ug/L	107%	78 - 133	10J5892	10/30/10 10:08
1,4-Dichlorobenzene	50.0	43.1		ug/L	86%	80 - 120	10J5892	10/30/10 10:08
1,3-Dichlorobenzene	50.0	45.9		ug/L	92%	80 - 128	10J5892	10/30/10 10:08
1,2-Dichlorobenzene	50.0	45.8		ug/L	92%	80 - 125	10J5892	10/30/10 10:08
Dichlorodifluoromethane	50.0	32.0		ug/L	64%	30 - 132	10J5892	10/30/10 10:08
1,1-Dichloroethane	50.0	45.1		ug/L	90%	75 - 125	10J5892	10/30/10 10:08
1,2-Dichloroethane	50.0	39.7		ug/L	79%	70 - 134	10J5892	10/30/10 10:08
cis-1,2-Dichloroethene	50.0	44.7		ug/L	89%	71 - 132	10J5892	10/30/10 10:08
1,1-Dichloroethene	50.0	47.9		ug/L	96%	73 - 125	10J5892	10/30/10 10:08
trans-1,2-Dichloroethene	50.0	46.4		ug/L	93%	77 - 125	10J5892	10/30/10 10:08
1,3-Dichloropropane	50.0	44.9		ug/L	90%	76 - 125	10J5892	10/30/10 10:08
1,2-Dichloropropane	50.0	47.8		ug/L	96%	72 - 120	10J5892	10/30/10 10:08
2,2-Dichloropropane	50.0	47.2		ug/L	94%	50 - 150	10J5892	10/30/10 10:08
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	70 - 140	10J5892	10/30/10 10:08
trans-1,3-Dichloropropene	50.0	50.1		ug/L	100%	62 - 139	10J5892	10/30/10 10:08
1,1-Dichloropropene	50.0	45.5		ug/L	91%	78 - 126	10J5892	10/30/10 10:08
Ethylbenzene	50.0	50.8		ug/L	102%	78 - 133	10J5892	10/30/10 10:08
Hexachlorobutadiene	50.0	45.3		ug/L	91%	70 - 150	10J5892	10/30/10 10:08
2-Hexanone	250	211		ug/L	85%	60 - 150	10J5892	10/30/10 10:08
Isopropylbenzene	50.0	51.8		ug/L	104%	69 - 120	10J5892	10/30/10 10:08
p-Isopropyltoluene	50.0	43.8		ug/L	88%	72 - 134	10J5892	10/30/10 10:08
Methyl tert-Butyl Ether	50.0	44.2		ug/L	88%	76 - 120	10J5892	10/30/10 10:08
Methylene Chloride	50.0	48.9		ug/L	98%	80 - 133	10J5892	10/30/10 10:08
4-Methyl-2-pentanone	250	261		ug/L	104%	62 - 146	10J5892	10/30/10 10:08
Naphthalene	50.0	38.4		ug/L	77%	71 - 139	10J5892	10/30/10 10:08
n-Propylbenzene	50.0	48.0		ug/L	96%	70 - 143	10J5892	10/30/10 10:08
Styrene	50.0	49.8		ug/L	100%	80 - 136	10J5892	10/30/10 10:08
1,1,1,2-Tetrachloroethane	50.0	49.8		ug/L	100%	80 - 130	10J5892	10/30/10 10:08
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L	92%	73 - 131	10J5892	10/30/10 10:08
Tetrachloroethene	50.0	43.9		ug/L	88%	77 - 131	10J5892	10/30/10 10:08
Toluene	50.0	45.2		ug/L	90%	78 - 125	10J5892	10/30/10 10:08
1,2,3-Trichlorobenzene	50.0	40.6		ug/L	81%	71 - 138	10J5892	10/30/10 10:08
1,2,4-Trichlorobenzene	50.0	39.8		ug/L	80%	74 - 136	10J5892	10/30/10 10:08
1,1,2-Trichloroethane	50.0	44.3		ug/L	89%	80 - 123	10J5892	10/30/10 10:08
1,1,1-Trichloroethane	50.0	42.9		ug/L	86%	75 - 137	10J5892	10/30/10 10:08
Trichloroethene	50.0	45.0		ug/L	90%	74 - 139	10J5892	10/30/10 10:08
Trichlorofluoromethane	50.0	36.7		ug/L	73%	60 - 133	10J5892	10/30/10 10:08

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J5892-BS1								
1,2,3-Trichloropropane	50.0	47.6		ug/L	95%	64 - 127	10J5892	10/30/10 10:08
1,3,5-Trimethylbenzene	50.0	48.1		ug/L	96%	75 - 134	10J5892	10/30/10 10:08
1,2,4-Trimethylbenzene	50.0	48.4		ug/L	97%	77 - 134	10J5892	10/30/10 10:08
Vinyl chloride	50.0	49.0		ug/L	98%	60 - 122	10J5892	10/30/10 10:08
Xylenes, total	150	152		ug/L	102%	78 - 134	10J5892	10/30/10 10:08
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	19.8			79%	63 - 140	10J5892	10/30/10 10:08
<i>Surrogate: Dibromofluoromethane</i>	25.0	23.7			95%	73 - 131	10J5892	10/30/10 10:08
<i>Surrogate: Toluene-d8</i>	25.0	23.6			95%	80 - 120	10J5892	10/30/10 10:08
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	23.0			92%	79 - 125	10J5892	10/30/10 10:08

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PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Acetone	315			ug/L	250	126%	56 - 150	4	31	10J4609		10/26/10 12:39
Benzene	47.8			ug/L	50.0	96%	80 - 121	0.6	12	10J4609		10/26/10 12:39
Bromobenzene	45.9			ug/L	50.0	92%	72 - 130	0.7	23	10J4609		10/26/10 12:39
Bromochloromethane	52.6			ug/L	50.0	105%	73 - 137	0.8	32	10J4609		10/26/10 12:39
Bromodichloromethane	49.9			ug/L	50.0	100%	75 - 131	1	13	10J4609		10/26/10 12:39
Bromoform	59.8			ug/L	50.0	120%	65 - 140	0.2	18	10J4609		10/26/10 12:39
Bromomethane	45.3			ug/L	50.0	91%	50 - 150	0.04	50	10J4609		10/26/10 12:39
2-Butanone	325			ug/L	250	130%	70 - 144	3	37	10J4609		10/26/10 12:39
sec-Butylbenzene	45.5			ug/L	50.0	91%	72 - 140	7	21	10J4609		10/26/10 12:39
n-Butylbenzene	53.5			ug/L	50.0	107%	68 - 140	0.3	11	10J4609		10/26/10 12:39
tert-Butylbenzene	39.7			ug/L	50.0	79%	76 - 135	5	20	10J4609		10/26/10 12:39
Carbon disulfide	48.9			ug/L	50.0	98%	74 - 137	1	28	10J4609		10/26/10 12:39
Carbon Tetrachloride	53.3			ug/L	50.0	107%	71 - 137	0.6	26	10J4609		10/26/10 12:39
Chlorobenzene	49.6			ug/L	50.0	99%	80 - 121	3	11	10J4609		10/26/10 12:39
Chlorodibromomethane	54.4			ug/L	50.0	109%	68 - 137	1	16	10J4609		10/26/10 12:39
Chloroethane	48.5			ug/L	50.0	97%	50 - 146	2	35	10J4609		10/26/10 12:39
Chloroform	48.6			ug/L	50.0	97%	73 - 131	0.4	32	10J4609		10/26/10 12:39
Chloromethane	26.9			ug/L	50.0	54%	30 - 132	1	34	10J4609		10/26/10 12:39
2-Chlorotoluene	47.5			ug/L	50.0	95%	74 - 135	2	22	10J4609		10/26/10 12:39
4-Chlorotoluene	55.2			ug/L	50.0	110%	74 - 132	2	22	10J4609		10/26/10 12:39
1,2-Dibromo-3-chloropropane	73.0	L		ug/L	50.0	146%	56 - 145	5	21	10J4609		10/26/10 12:39
1,2-Dibromoethane (EDB)	53.8			ug/L	50.0	108%	80 - 135	0.7	10	10J4609		10/26/10 12:39
Dibromomethane	50.3			ug/L	50.0	101%	78 - 133	1	11	10J4609		10/26/10 12:39
1,4-Dichlorobenzene	51.2			ug/L	50.0	102%	80 - 120	2	10	10J4609		10/26/10 12:39
1,3-Dichlorobenzene	48.8			ug/L	50.0	98%	80 - 128	0.2	18	10J4609		10/26/10 12:39
1,2-Dichlorobenzene	49.6			ug/L	50.0	99%	80 - 125	1	11	10J4609		10/26/10 12:39
Dichlorodifluoromethane	32.1			ug/L	50.0	64%	30 - 132	2	32	10J4609		10/26/10 12:39
1,1-Dichloroethane	51.0			ug/L	50.0	102%	75 - 125	2	34	10J4609		10/26/10 12:39
1,2-Dichloroethane	48.9			ug/L	50.0	98%	70 - 134	1	25	10J4609		10/26/10 12:39
cis-1,2-Dichloroethene	51.3			ug/L	50.0	103%	71 - 132	1	32	10J4609		10/26/10 12:39
1,1-Dichloroethene	50.7			ug/L	50.0	101%	73 - 125	0.8	31	10J4609		10/26/10 12:39
trans-1,2-Dichloroethene	52.0			ug/L	50.0	104%	77 - 125	2	32	10J4609		10/26/10 12:39
1,3-Dichloropropane	51.0			ug/L	50.0	102%	76 - 125	2	20	10J4609		10/26/10 12:39
1,2-Dichloropropane	46.7			ug/L	50.0	93%	72 - 120	1	11	10J4609		10/26/10 12:39
2,2-Dichloropropane	62.6			ug/L	50.0	125%	50 - 150	1	11	10J4609		10/26/10 12:39
cis-1,3-Dichloropropene	57.8			ug/L	50.0	116%	70 - 140	0.4	35	10J4609		10/26/10 12:39
trans-1,3-Dichloropropene	56.5			ug/L	50.0	113%	62 - 139	0.1	26	10J4609		10/26/10 12:39
1,1-Dichloropropene	52.8			ug/L	50.0	106%	78 - 126	0.7	18	10J4609		10/26/10 12:39
Ethylbenzene	50.4			ug/L	50.0	101%	78 - 133	1	12	10J4609		10/26/10 12:39
Hexachlorobutadiene	52.0			ug/L	50.0	104%	70 - 150	2	21	10J4609		10/26/10 12:39
2-Hexanone	340			ug/L	250	136%	60 - 150	5	20	10J4609		10/26/10 12:39

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 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-BSD1												
Isopropylbenzene	55.0			ug/L	50.0	110%	69 - 120	6	15	10J4609		10/26/10 12:39
p-Isopropyltoluene	50.0			ug/L	50.0	100%	72 - 134	0.2	18	10J4609		10/26/10 12:39
Methyl tert-Butyl Ether	53.9			ug/L	50.0	108%	76 - 120	1	32	10J4609		10/26/10 12:39
Methylene Chloride	48.5			ug/L	50.0	97%	80 - 133	6	36	10J4609		10/26/10 12:39
4-Methyl-2-pentanone	290			ug/L	250	116%	62 - 146	0.3	35	10J4609		10/26/10 12:39
Naphthalene	61.8			ug/L	50.0	124%	71 - 139	2	30	10J4609		10/26/10 12:39
n-Propylbenzene	46.9			ug/L	50.0	94%	70 - 143	0.4	23	10J4609		10/26/10 12:39
Styrene	54.0			ug/L	50.0	108%	80 - 136	2	29	10J4609		10/26/10 12:39
1,1,1,2-Tetrachloroethane	50.4			ug/L	50.0	101%	80 - 130	2	11	10J4609		10/26/10 12:39
1,1,2,2-Tetrachloroethane	50.7			ug/L	50.0	101%	73 - 131	2	28	10J4609		10/26/10 12:39
Tetrachloroethene	52.5			ug/L	50.0	105%	77 - 131	0.04	16	10J4609		10/26/10 12:39
Toluene	49.9			ug/L	50.0	100%	78 - 125	2	35	10J4609		10/26/10 12:39
1,2,3-Trichlorobenzene	56.9			ug/L	50.0	114%	71 - 138	1	28	10J4609		10/26/10 12:39
1,2,4-Trichlorobenzene	57.5			ug/L	50.0	115%	74 - 136	0.7	23	10J4609		10/26/10 12:39
1,1,2-Trichloroethane	51.2			ug/L	50.0	102%	80 - 123	2	21	10J4609		10/26/10 12:39
1,1,1-Trichloroethane	52.8			ug/L	50.0	106%	75 - 137	1	29	10J4609		10/26/10 12:39
Trichloroethene	51.1			ug/L	50.0	102%	74 - 139	2	11	10J4609		10/26/10 12:39
Trichlorofluoromethane	48.7			ug/L	50.0	97%	60 - 133	0.6	33	10J4609		10/26/10 12:39
1,2,3-Trichloropropane	53.7			ug/L	50.0	107%	64 - 127	1	25	10J4609		10/26/10 12:39
1,3,5-Trimethylbenzene	49.3			ug/L	50.0	99%	75 - 134	0.2	21	10J4609		10/26/10 12:39
1,2,4-Trimethylbenzene	48.0			ug/L	50.0	96%	77 - 134	1	20	10J4609		10/26/10 12:39
Vinyl chloride	45.2			ug/L	50.0	90%	60 - 122	0.3	32	10J4609		10/26/10 12:39
Xylenes, total	158			ug/L	150	106%	78 - 134	0.5	18	10J4609		10/26/10 12:39
Surrogate: 1,2-Dichloroethane-d4	46.6			ug/L	50.0	93%	63 - 140			10J4609		10/26/10 12:39
Surrogate: Dibromofluoromethane	49.9			ug/L	50.0	100%	73 - 131			10J4609		10/26/10 12:39
Surrogate: Toluene-d8	50.3			ug/L	50.0	101%	80 - 120			10J4609		10/26/10 12:39
Surrogate: 4-Bromofluorobenzene	47.7			ug/L	50.0	95%	79 - 125			10J4609		10/26/10 12:39
10J5892-BSD1												
Acetone	319			ug/L	250	127%	56 - 150	18	31	10J5892		10/30/10 10:35
Benzene	51.4			ug/L	50.0	103%	80 - 121	6	12	10J5892		10/30/10 10:35
Bromobenzene	46.4			ug/L	50.0	93%	72 - 130	6	23	10J5892		10/30/10 10:35
Bromochloromethane	46.9			ug/L	50.0	94%	73 - 137	5	32	10J5892		10/30/10 10:35
Bromodichloromethane	49.6			ug/L	50.0	99%	75 - 131	5	13	10J5892		10/30/10 10:35
Bromoform	47.8			ug/L	50.0	96%	65 - 140	2	18	10J5892		10/30/10 10:35
Bromomethane	53.6			ug/L	50.0	107%	50 - 150	7	50	10J5892		10/30/10 10:35
2-Butanone	272			ug/L	250	109%	70 - 144	8	37	10J5892		10/30/10 10:35
sec-Butylbenzene	47.6			ug/L	50.0	95%	72 - 140	5	21	10J5892		10/30/10 10:35
n-Butylbenzene	45.8			ug/L	50.0	92%	68 - 140	6	11	10J5892		10/30/10 10:35
tert-Butylbenzene	45.3			ug/L	50.0	91%	76 - 135	6	20	10J5892		10/30/10 10:35
Carbon disulfide	51.5			ug/L	50.0	103%	74 - 137	8	28	10J5892		10/30/10 10:35

Client URS Corporation (6171)
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Work Order: NTJ2567
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 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-BSD1												
Carbon Tetrachloride	45.8			ug/L	50.0	92%	71 - 137	6	26	10J5892		10/30/10 10:35
Chlorobenzene	48.8			ug/L	50.0	98%	80 - 121	4	11	10J5892		10/30/10 10:35
Chlorodibromomethane	51.0			ug/L	50.0	102%	68 - 137	1	16	10J5892		10/30/10 10:35
Chloroethane	49.2			ug/L	50.0	98%	50 - 146	5	35	10J5892		10/30/10 10:35
Chloroform	49.9			ug/L	50.0	100%	73 - 131	6	32	10J5892		10/30/10 10:35
Chloromethane	55.3			ug/L	50.0	111%	30 - 132	6	34	10J5892		10/30/10 10:35
2-Chlorotoluene	47.0			ug/L	50.0	94%	74 - 135	6	22	10J5892		10/30/10 10:35
4-Chlorotoluene	47.3			ug/L	50.0	95%	74 - 132	5	22	10J5892		10/30/10 10:35
1,2-Dibromo-3-chloropropane	41.1			ug/L	50.0	82%	56 - 145	3	21	10J5892		10/30/10 10:35
1,2-Dibromoethane (EDB)	48.9			ug/L	50.0	98%	80 - 135	3	10	10J5892		10/30/10 10:35
Dibromomethane	57.0			ug/L	50.0	114%	78 - 133	6	11	10J5892		10/30/10 10:35
1,4-Dichlorobenzene	45.2			ug/L	50.0	90%	80 - 120	5	10	10J5892		10/30/10 10:35
1,3-Dichlorobenzene	48.5			ug/L	50.0	97%	80 - 128	6	18	10J5892		10/30/10 10:35
1,2-Dichlorobenzene	47.8			ug/L	50.0	96%	80 - 125	4	11	10J5892		10/30/10 10:35
Dichlorodifluoromethane	34.0			ug/L	50.0	68%	30 - 132	6	32	10J5892		10/30/10 10:35
1,1-Dichloroethane	48.5			ug/L	50.0	97%	75 - 125	7	34	10J5892		10/30/10 10:35
1,2-Dichloroethane	41.4			ug/L	50.0	83%	70 - 134	4	25	10J5892		10/30/10 10:35
cis-1,2-Dichloroethene	48.0			ug/L	50.0	96%	71 - 132	7	32	10J5892		10/30/10 10:35
1,1-Dichloroethene	52.2			ug/L	50.0	104%	73 - 125	9	31	10J5892		10/30/10 10:35
trans-1,2-Dichloroethene	49.8			ug/L	50.0	100%	77 - 125	7	32	10J5892		10/30/10 10:35
1,3-Dichloropropane	45.9			ug/L	50.0	92%	76 - 125	2	20	10J5892		10/30/10 10:35
1,2-Dichloropropane	50.7			ug/L	50.0	101%	72 - 120	6	11	10J5892		10/30/10 10:35
2,2-Dichloropropane	49.5			ug/L	50.0	99%	50 - 150	5	11	10J5892		10/30/10 10:35
cis-1,3-Dichloropropene	59.2			ug/L	50.0	118%	70 - 140	3	35	10J5892		10/30/10 10:35
trans-1,3-Dichloropropene	51.6			ug/L	50.0	103%	62 - 139	3	26	10J5892		10/30/10 10:35
1,1-Dichloropropene	48.5			ug/L	50.0	97%	78 - 126	6	18	10J5892		10/30/10 10:35
Ethylbenzene	53.0			ug/L	50.0	106%	78 - 133	4	12	10J5892		10/30/10 10:35
Hexachlorobutadiene	48.6			ug/L	50.0	97%	70 - 150	7	21	10J5892		10/30/10 10:35
2-Hexanone	220			ug/L	250	88%	60 - 150	4	20	10J5892		10/30/10 10:35
Isopropylbenzene	53.9			ug/L	50.0	108%	69 - 120	4	15	10J5892		10/30/10 10:35
p-Isopropyltoluene	46.2			ug/L	50.0	92%	72 - 134	5	18	10J5892		10/30/10 10:35
Methyl tert-Butyl Ether	48.3			ug/L	50.0	97%	76 - 120	9	32	10J5892		10/30/10 10:35
Methylene Chloride	52.3			ug/L	50.0	105%	80 - 133	7	36	10J5892		10/30/10 10:35
4-Methyl-2-pentanone	269			ug/L	250	108%	62 - 146	3	35	10J5892		10/30/10 10:35
Naphthalene	41.0			ug/L	50.0	82%	71 - 139	6	30	10J5892		10/30/10 10:35
n-Propylbenzene	50.5			ug/L	50.0	101%	70 - 143	5	23	10J5892		10/30/10 10:35
Styrene	51.5			ug/L	50.0	103%	80 - 136	3	29	10J5892		10/30/10 10:35
1,1,1,2-Tetrachloroethane	51.1			ug/L	50.0	102%	80 - 130	3	11	10J5892		10/30/10 10:35
1,1,2,2-Tetrachloroethane	47.7			ug/L	50.0	95%	73 - 131	4	28	10J5892		10/30/10 10:35
Tetrachloroethene	45.3			ug/L	50.0	91%	77 - 131	3	16	10J5892		10/30/10 10:35
Toluene	46.9			ug/L	50.0	94%	78 - 125	4	35	10J5892		10/30/10 10:35

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-BSD1												
1,2,3-Trichlorobenzene	43.3			ug/L	50.0	87%	71 - 138	6	28	10J5892		10/30/10 10:35
1,2,4-Trichlorobenzene	42.2			ug/L	50.0	84%	74 - 136	6	23	10J5892		10/30/10 10:35
1,1,2-Trichloroethane	45.5			ug/L	50.0	91%	80 - 123	3	21	10J5892		10/30/10 10:35
1,1,1-Trichloroethane	45.8			ug/L	50.0	92%	75 - 137	7	29	10J5892		10/30/10 10:35
Trichloroethylene	48.3			ug/L	50.0	97%	74 - 139	7	11	10J5892		10/30/10 10:35
Trichlorofluoromethane	38.9			ug/L	50.0	78%	60 - 133	6	33	10J5892		10/30/10 10:35
1,2,3-Trichloropropane	49.8			ug/L	50.0	100%	64 - 127	5	25	10J5892		10/30/10 10:35
1,3,5-Trimethylbenzene	51.0			ug/L	50.0	102%	75 - 134	6	21	10J5892		10/30/10 10:35
1,2,4-Trimethylbenzene	51.0			ug/L	50.0	102%	77 - 134	5	20	10J5892		10/30/10 10:35
Vinyl chloride	52.3			ug/L	50.0	105%	60 - 122	7	32	10J5892		10/30/10 10:35
Xylenes, total	158			ug/L	150	105%	78 - 134	4	18	10J5892		10/30/10 10:35
<i>Surrogate: 1,2-Dichloroethane-d4</i>	19.8			ug/L	25.0	79%	63 - 140			10J5892		10/30/10 10:35
<i>Surrogate: Dibromofluoromethane</i>	23.3			ug/L	25.0	93%	73 - 131			10J5892		10/30/10 10:35
<i>Surrogate: Toluene-d8</i>	23.1			ug/L	25.0	92%	80 - 120			10J5892		10/30/10 10:35
<i>Surrogate: 4-Bromofluorobenzene</i>	22.9			ug/L	25.0	92%	79 - 125			10J5892		10/30/10 10:35

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
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PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10J4164-MS1										
Nitrate as N	0.725	3.65		mg/L	3.00	98%	80 - 120	10J4164	NTJ2567-05	10/21/10 22:11
10J4948-MS1										
Alkalinity, Total (CaCO ₃)	42.9	135		mg/L	100	93%	80 - 120	10J4948	NTJ2229-05	11/01/10 20:42
10J4965-MS1										
Alkalinity, Total (CaCO ₃)	ND	ND	A-01	mg/L	100	0%	80 - 120	10J4965	NTJ2567-05	11/02/10 12:35
10J5211-MS1										
Total Organic Carbon	2.48	21.4		mg/L	20.0	95%	66 - 135	10J5211	NTJ2567-05RE	10/27/10 11:27
1										
Total Metals by EPA Method 6010B										
10J4498-MS1										
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125	10J4498	NTJ2567-05	10/26/10 09:50
Dissolved Metals by EPA Method 6010B										
10J5197-MS1										
Iron	2.75	3.77		mg/L	1.00	102%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Lead	ND	0.0484		mg/L	0.0500	97%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
Manganese	0.0440	0.515		mg/L	0.500	94%	75 - 125	10J5197	NTJ3128-18	10/29/10 15:27
10J5647-MS1										
Iron	ND	0.976		mg/L	1.00	98%	75 - 125	10J5647	NTJ3213-01	10/29/10 16:24
Manganese	ND	0.472		mg/L	0.500	94%	75 - 125	10J5647	NTJ3213-01	10/29/10 16:24
10J5817-MS1										
Iron	43.6	46.6	MHA	mg/L	1.00	292%	75 - 125	10J5817	NTJ2567-05	11/01/10 13:38
Lead	0.158	0.219		mg/L	0.0500	122%	75 - 125	10J5817	NTJ2567-05	11/01/10 13:38
Manganese	50.6	52.5	MHA	mg/L	0.500	364%	75 - 125	10J5817	NTJ2567-05	11/01/10 13:38
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Acetone	ND	1570		ug/L	1250	125%	56 - 150	10J4609	NTJ2567-05RE	10/26/10 22:58
Benzene	ND	277		ug/L	250	111%	65 - 151	10J4609	NTJ2567-05RE	10/26/10 22:58
Bromobenzene	ND	241		ug/L	250	97%	69 - 142	10J4609	NTJ2567-05RE	10/26/10 22:58
Bromochloromethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE	10/26/10 22:58
Bromodichloromethane	ND	283		ug/L	250	113%	75 - 138	10J4609	NTJ2567-05RE	10/26/10 22:58
2										

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
		Project Name:	C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
Bromoform	ND	312		ug/L	250	125%	55 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Bromomethane	ND	174		ug/L	250	70%	13 - 176	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Butanone	ND	1630		ug/L	1250	130%	45 - 164	10J4609	NTJ2567-05RE 2	10/26/10 22:58
sec-Butylbenzene	ND	241		ug/L	250	96%	68 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Butylbenzene	ND	285		ug/L	250	114%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
tert-Butylbenzene	ND	211		ug/L	250	84%	73 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Carbon disulfide	ND	274		ug/L	250	110%	33 - 187	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Carbon Tetrachloride	ND	315		ug/L	250	126%	64 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorobenzene	ND	284		ug/L	250	114%	78 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chlorodibromomethane	ND	291		ug/L	250	116%	64 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroethane	ND	226		ug/L	250	90%	48 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloroform	11.8	291		ug/L	250	112%	72 - 145	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Chloromethane	ND	121		ug/L	250	48%	10 - 194	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Chlorotoluene	ND	251		ug/L	250	101%	66 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Chlorotoluene	ND	269		ug/L	250	108%	69 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromo-3-chloropropane	ND	309		ug/L	250	124%	49 - 162	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dibromoethane (EDB)	ND	291		ug/L	250	116%	70 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dibromomethane	ND	285		ug/L	250	114%	75 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,4-Dichlorobenzene	ND	272		ug/L	250	109%	75 - 135	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichlorobenzene	ND	263		ug/L	250	105%	72 - 146	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichlorobenzene	ND	270		ug/L	250	108%	80 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Dichlorodifluoromethane	ND	88.0		ug/L	250	35%	23 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethane	ND	292		ug/L	250	117%	64 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloroethane	ND	280		ug/L	250	112%	72 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
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		Project Number:	20500332.00001
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
cis-1,2-Dichloroethene	ND	296		ug/L	250	118%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloroethene	ND	305		ug/L	250	122%	34 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
trans-1,2-Dichloroethene	ND	297		ug/L	250	119%	57 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3-Dichloropropane	ND	281		ug/L	250	112%	71 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2-Dichloropropane	ND	264		ug/L	250	105%	71 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2,2-Dichloropropane	ND	352		ug/L	250	141%	10 - 198	10J4609	NTJ2567-05RE 2	10/26/10 22:58
cis-1,3-Dichloropropene	ND	304		ug/L	250	122%	56 - 156	10J4609	NTJ2567-05RE 2	10/26/10 22:58
trans-1,3-Dichloropropene	ND	295		ug/L	250	118%	47 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1-Dichloropropene	ND	309		ug/L	250	124%	70 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Ethylbenzene	ND	285		ug/L	250	114%	68 - 157	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Hexachlorobutadiene	ND	257		ug/L	250	103%	47 - 173	10J4609	NTJ2567-05RE 2	10/26/10 22:58
2-Hexanone	ND	1600		ug/L	1250	128%	57 - 154	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Isopropylbenzene	ND	324		ug/L	250	130%	69 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
p-Isopropyltoluene	ND	262		ug/L	250	105%	69 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methyl tert-Butyl Ether	ND	291		ug/L	250	117%	56 - 152	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Methylene Chloride	1.45	281		ug/L	250	112%	71 - 136	10J4609	NTJ2567-05RE 2	10/26/10 22:58
4-Methyl-2-pentanone	ND	1450		ug/L	1250	116%	62 - 159	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Naphthalene	ND	295		ug/L	250	118%	56 - 161	10J4609	NTJ2567-05RE 2	10/26/10 22:58
n-Propylbenzene	ND	255		ug/L	250	102%	61 - 167	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Styrene	ND	299		ug/L	250	120%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1,2-Tetrachloroethane	ND	272		ug/L	250	109%	80 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2,2-Tetrachloroethane	ND	263		ug/L	250	105%	76 - 141	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Tetrachloroethene	2.85	303		ug/L	250	120%	63 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Toluene	ND	284		ug/L	250	113%	61 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J4609-MS1										
1,2,3-Trichlorobenzene										
1,2,3-Trichlorobenzene	ND	288		ug/L	250	115%	57 - 155	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trichlorobenzene	ND	296		ug/L	250	118%	64 - 147	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,2-Trichloroethane	ND	284		ug/L	250	113%	74 - 138	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,1,1-Trichloroethane	ND	317		ug/L	250	127%	78 - 153	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichloroethene	460	791		ug/L	250	133%	74 - 139	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Trichlorofluoromethane	ND	227		ug/L	250	91%	53 - 149	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,3-Trichloroproppane	ND	271		ug/L	250	108%	49 - 148	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,3,5-Trimethylbenzene	ND	255		ug/L	250	102%	67 - 151	10J4609	NTJ2567-05RE 2	10/26/10 22:58
1,2,4-Trimethylbenzene	ND	251		ug/L	250	101%	69 - 150	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Vinyl chloride	ND	185		ug/L	250	74%	53 - 137	10J4609	NTJ2567-05RE 2	10/26/10 22:58
Xylenes, total	ND	891		ug/L	750	119%	68 - 158	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.0		ug/L	50.0	98%	63 - 140	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Dibromofluoromethane</i>		52.0		ug/L	50.0	104%	73 - 131	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: Toluene-d8</i>		50.2		ug/L	50.0	100%	80 - 120	10J4609	NTJ2567-05RE 2	10/26/10 22:58
<i>Surrogate: 4-Bromofluorobenzene</i>		45.5		ug/L	50.0	91%	79 - 125	10J4609	NTJ2567-05RE 2	10/26/10 22:58
10J5892-MS1										
Acetone										
Acetone	ND	2380		ug/L	2500	95%	56 - 150	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Benzene	ND	485		ug/L	500	97%	65 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromobenzene	ND	431		ug/L	500	86%	69 - 142	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromochloromethane	ND	433		ug/L	500	87%	64 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromodichloromethane	ND	502		ug/L	500	100%	75 - 138	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromoform	ND	500		ug/L	500	100%	55 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Bromomethane	ND	349		ug/L	500	70%	13 - 176	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2-Butanone	ND	2440		ug/L	2500	98%	45 - 164	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
		Project Name:	C&D Conyers GA
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J5892-MS1										
sec-Butylbenzene	ND	452		ug/L	500	90%	68 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
n-Butylbenzene	ND	432		ug/L	500	86%	67 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
tert-Butylbenzene	ND	432		ug/L	500	86%	73 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Carbon disulfide	ND	383		ug/L	500	77%	33 - 187	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Carbon Tetrachloride	ND	449		ug/L	500	90%	64 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chlorobenzene	ND	497		ug/L	500	99%	78 - 136	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chlorodibromomethane	ND	581		ug/L	500	116%	64 - 145	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chloroethane	ND	422		ug/L	500	84%	48 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chloroform	ND	503		ug/L	500	101%	72 - 145	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Chloromethane	ND	362		ug/L	500	72%	10 - 194	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2-Chlorotoluene	ND	446		ug/L	500	89%	66 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
4-Chlorotoluene	ND	453		ug/L	500	91%	69 - 149	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dibromo-3-chloropropane	ND	351		ug/L	500	70%	49 - 162	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dibromoethane (EDB)	ND	504		ug/L	500	101%	70 - 152	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Dibromomethane	ND	542		ug/L	500	108%	75 - 141	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,4-Dichlorobenzene	ND	432		ug/L	500	86%	75 - 135	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,3-Dichlorobenzene	ND	461		ug/L	500	92%	72 - 146	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dichlorobenzene	ND	457		ug/L	500	91%	80 - 136	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Dichlorodifluoromethane	ND	244		ug/L	500	49%	23 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1-Dichloroethane	31.1	497		ug/L	500	93%	64 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dichloroethane	9.10	406		ug/L	500	79%	72 - 137	10J5892	NTJ3216-11RE 1	10/30/10 20:21
cis-1,2-Dichloroethene	ND	451		ug/L	500	90%	57 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1-Dichloroethene	550	980		ug/L	500	86%	34 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
trans-1,2-Dichloroethene	ND	434		ug/L	500	87%	57 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client	URS Corporation (6171) 1000 Corporate Center, Suite 250 Franklin, TN 37067	Work Order:	NTJ2567
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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J5892-MS1										
1,3-Dichloropropane	ND	526		ug/L	500	105%	71 - 137	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2-Dichloropropane	ND	502		ug/L	500	100%	71 - 139	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2,2-Dichloropropane	ND	450		ug/L	500	90%	10 - 198	10J5892	NTJ3216-11RE 1	10/30/10 20:21
cis-1,3-Dichloropropene	ND	590		ug/L	500	118%	56 - 156	10J5892	NTJ3216-11RE 1	10/30/10 20:21
trans-1,3-Dichloropropene	ND	559		ug/L	500	112%	47 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1-Dichloropropene	ND	441		ug/L	500	88%	70 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Ethylbenzene	ND	539		ug/L	500	108%	68 - 157	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Hexachlorobutadiene	ND	437		ug/L	500	87%	47 - 173	10J5892	NTJ3216-11RE 1	10/30/10 20:21
2-Hexanone	ND	2410		ug/L	2500	96%	57 - 154	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Isopropylbenzene	ND	562		ug/L	500	112%	69 - 139	10J5892	NTJ3216-11RE 1	10/30/10 20:21
p-Isopropyltoluene	ND	440		ug/L	500	88%	69 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Methyl tert-Butyl Ether	ND	424		ug/L	500	85%	56 - 152	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Methylene Chloride	ND	475		ug/L	500	95%	71 - 136	10J5892	NTJ3216-11RE 1	10/30/10 20:21
4-Methyl-2-pentanone	35.6	2690		ug/L	2500	106%	62 - 159	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Naphthalene	ND	317		ug/L	500	63%	56 - 161	10J5892	NTJ3216-11RE 1	10/30/10 20:21
n-Propylbenzene	ND	476		ug/L	500	95%	61 - 167	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Styrene	ND	534		ug/L	500	107%	69 - 150	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1,1,2-Tetrachloroethane	ND	545		ug/L	500	109%	80 - 140	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1,2,2-Tetrachloroethane	ND	452		ug/L	500	90%	76 - 141	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Tetrachloroethene	6.70	496		ug/L	500	98%	63 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Toluene	ND	473		ug/L	500	95%	61 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,3-Trichlorobenzene	ND	345		ug/L	500	69%	57 - 155	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,4-Trichlorobenzene	ND	358		ug/L	500	72%	64 - 147	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,1,2-Trichloroethane	ND	532		ug/L	500	106%	74 - 138	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client	URS Corporation (6171)	Work Order:	NTJ2567
	1000 Corporate Center, Suite 250	Project Name:	C&D Conyers GA
	Franklin, TN 37067	Project Number:	20500332.00001
Attn	Craig Bernhoff	Received:	10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J5892-MS1										
1,1,1-Trichloroethane	ND	454		ug/L	500	91%	78 - 153	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Trichloroethene	97.2	556		ug/L	500	92%	74 - 139	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Trichlorofluoromethane	12.0	369		ug/L	500	71%	53 - 149	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,3-Trichloropropane	173	452		ug/L	500	56%	49 - 148	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,3,5-Trimethylbenzene	ND	482		ug/L	500	96%	67 - 151	10J5892	NTJ3216-11RE 1	10/30/10 20:21
1,2,4-Trimethylbenzene	ND	484		ug/L	500	97%	69 - 150	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Vinyl chloride	ND	398		ug/L	500	80%	53 - 137	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Xylenes, total	ND	1620		ug/L	1500	108%	68 - 158	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: 1,2-Dichloroethane-d4		20.5		ug/L	25.0	82%	63 - 140	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	97%	73 - 131	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: Toluene-d8		24.6		ug/L	25.0	98%	80 - 120	10J5892	NTJ3216-11RE 1	10/30/10 20:21
Surrogate: 4-Bromofluorobenzene		21.9		ug/L	25.0	87%	79 - 125	10J5892	NTJ3216-11RE 1	10/30/10 20:21

Client URS Corporation (6171)
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
10J4164-MSD1												
Nitrate as N	0.725	5.79	R2	mg/L	3.00	169%	80 - 120	45	20	10J4164	NTJ2567-05	10/21/10 22:30
10J5211-MSD1												
Total Organic Carbon	2.48	21.8		mg/L	20.0	97%	66 - 135	2	20	10J5211	NTJ2567-05RE1	10/27/10 11:27
Total Metals by EPA Method 6010B												
10J4498-MSD1												
Lead	ND	ND	M4	mg/L	0.0500	0%	75 - 125		20	10J4498	NTJ2567-05	10/26/10 09:53
Dissolved Metals by EPA Method 6010B												
10J5197-MSD1												
Iron	2.75	3.78		mg/L	1.00	103%	75 - 125	0.2	20	10J5197	NTJ3128-18	10/29/10 15:29
Lead	ND	0.0493		mg/L	0.0500	99%	75 - 125	2	20	10J5197	NTJ3128-18	10/29/10 15:29
Manganese	0.0440	0.519		mg/L	0.500	95%	75 - 125	0.7	20	10J5197	NTJ3128-18	10/29/10 15:29
10J5647-MSD1												
Iron	ND	0.968		mg/L	1.00	97%	75 - 125	0.8	20	10J5647	NTJ3213-01	10/29/10 16:26
Manganese	ND	0.466		mg/L	0.500	93%	75 - 125	1	20	10J5647	NTJ3213-01	10/29/10 16:26
10J5817-MSD1												
Iron	43.6	47.0	MHA	mg/L	1.00	340%	75 - 125	1	20	10J5817	NTJ2567-05	11/01/10 13:41
Lead	0.158	0.216		mg/L	0.0500	116%	75 - 125	1	20	10J5817	NTJ2567-05	11/01/10 13:41
Manganese	50.6	52.1	MHA	mg/L	0.500	290%	75 - 125	0.7	20	10J5817	NTJ2567-05	11/01/10 13:41
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
Acetone	ND	1590		ug/L	1250	128%	56 - 150	2	31	10J4609	NTJ2567-05RE2	10/26/10 23:28
Benzene	ND	289		ug/L	250	116%	65 - 151	4	12	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromobenzene	ND	262		ug/L	250	105%	69 - 142	8	23	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromochloromethane	ND	310		ug/L	250	124%	64 - 154	6	32	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromodichloromethane	ND	301		ug/L	250	120%	75 - 138	6	13	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromoform	ND	339		ug/L	250	136%	55 - 153	8	18	10J4609	NTJ2567-05RE2	10/26/10 23:28
Bromomethane	ND	187		ug/L	250	75%	13 - 176	7	50	10J4609	NTJ2567-05RE2	10/26/10 23:28
2-Butanone	ND	1710		ug/L	1250	137%	45 - 164	5	37	10J4609	NTJ2567-05RE2	10/26/10 23:28
sec-Butylbenzene	ND	280		ug/L	250	112%	68 - 159	15	21	10J4609	NTJ2567-05RE2	10/26/10 23:28

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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
n-Butylbenzene	ND	307		ug/L	250	123%	67 - 151	7	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
tert-Butylbenzene	ND	231		ug/L	250	93%	73 - 153	9	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Carbon disulfide	ND	286		ug/L	250	114%	33 - 187	4	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Carbon Tetrachloride	ND	337		ug/L	250	135%	64 - 157	7	26	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chlorobenzene	ND	308		ug/L	250	123%	78 - 136	8	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chlorodibromomethane	ND	313		ug/L	250	125%	64 - 145	7	16	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloroethane	ND	215		ug/L	250	86%	48 - 159	5	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloroform	11.8	307		ug/L	250	118%	72 - 145	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Chloromethane	ND	106		ug/L	250	42%	10 - 194	13	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Chlorotoluene	ND	274		ug/L	250	110%	66 - 155	9	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Chlorotoluene	ND	324		ug/L	250	130%	69 - 149	18	22	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromo-3-chloropropane	ND	349		ug/L	250	140%	49 - 162	12	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dibromoethane (EDB)	ND	315		ug/L	250	126%	70 - 152	8	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dibromomethane	ND	299		ug/L	250	120%	75 - 141	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,4-Dichlorobenzene	ND	314	R	ug/L	250	126%	75 - 135	14	10	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichlorobenzene	ND	283		ug/L	250	113%	72 - 146	7	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichlorobenzene	ND	289		ug/L	250	116%	80 - 136	7	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Dichlorodifluoromethane	ND	92.7		ug/L	250	37%	23 - 159	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethane	ND	309		ug/L	250	124%	64 - 154	6	34	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloroethane	ND	294		ug/L	250	118%	72 - 137	5	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
cis-1,2-Dichloroethene	ND	310		ug/L	250	124%	57 - 154	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloroethene	ND	320		ug/L	250	128%	34 - 151	5	31	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,2-Dichloroethene	ND	313		ug/L	250	125%	57 - 157	5	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3-Dichloropropane	ND	295		ug/L	250	118%	71 - 137	5	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2-Dichloropropane	ND	280		ug/L	250	112%	71 - 139	6	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2,2-Dichloropropane	ND	371		ug/L	250	148%	10 - 198	5	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client URS Corporation (6171)
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 Franklin, TN 37067
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 Project Name: C&D Conyers GA
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PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
cis-1,3-Dichloropropene	ND	329		ug/L	250	132%	56 - 156	8	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
trans-1,3-Dichloropropene	ND	320		ug/L	250	128%	47 - 157	8	26	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1-Dichloropropene	ND	325		ug/L	250	130%	70 - 155	5	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Ethylbenzene	ND	306		ug/L	250	122%	68 - 157	7	12	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Hexachlorobutadiene	ND	274		ug/L	250	110%	47 - 173	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
2-Hexanone	ND	1710		ug/L	1250	137%	57 - 154	6	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Isopropylbenzene	ND	352	M7	ug/L	250	141%	69 - 139	8	15	10J4609	NTJ2567-05RE 2	10/26/10 23:28
p-Isopropyltoluene	ND	284		ug/L	250	114%	69 - 151	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methyl tert-Butyl Ether	ND	312		ug/L	250	125%	56 - 152	7	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Methylene Chloride	1.45	278		ug/L	250	111%	71 - 136	1	36	10J4609	NTJ2567-05RE 2	10/26/10 23:28
4-Methyl-2-pentanone	ND	1540		ug/L	1250	123%	62 - 159	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Naphthalene	ND	321		ug/L	250	128%	56 - 161	8	30	10J4609	NTJ2567-05RE 2	10/26/10 23:28
n-Propylbenzene	ND	275		ug/L	250	110%	61 - 167	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Styrene	ND	318		ug/L	250	127%	69 - 150	6	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1,2-Tetrachloroethane	ND	294		ug/L	250	117%	80 - 140	8	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2,2-Tetrachloroethane	ND	279		ug/L	250	112%	76 - 141	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Tetrachloroethene	2.85	325		ug/L	250	129%	63 - 155	7	16	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Toluene	ND	301		ug/L	250	120%	61 - 153	6	35	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichlorobenzene	ND	305		ug/L	250	122%	57 - 155	6	28	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,4-Trichlorobenzene	ND	321		ug/L	250	129%	64 - 147	8	23	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,2-Trichloroethane	ND	300		ug/L	250	120%	74 - 138	6	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,1,1-Trichloroethane	ND	334		ug/L	250	134%	78 - 153	5	29	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichloroethene	460	813	M7	ug/L	250	141%	74 - 139	3	11	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Trichlorofluoromethane	ND	240		ug/L	250	96%	53 - 149	5	33	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,2,3-Trichloropropane	ND	303		ug/L	250	121%	49 - 148	11	25	10J4609	NTJ2567-05RE 2	10/26/10 23:28
1,3,5-Trimethylbenzene	ND	279		ug/L	250	112%	67 - 151	9	21	10J4609	NTJ2567-05RE 2	10/26/10 23:28

Client	URS Corporation (6171)	Work Order:	NTJ2567
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4609-MSD1												
1,2,4-Trimethylbenzene	ND	275		ug/L	250	110%	69 - 150	9	20	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Vinyl chloride	ND	190		ug/L	250	76%	53 - 137	3	32	10J4609	NTJ2567-05RE 2	10/26/10 23:28
Xylenes, total	ND	961		ug/L	750	128%	68 - 158	8	18	10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: 1,2-Dichloroethane-d4</i>	47.8			ug/L	50.0	96%	63 - 140			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Dibromofluoromethane</i>	51.4			ug/L	50.0	103%	73 - 131			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: Toluene-d8</i>	50.4			ug/L	50.0	101%	80 - 120			10J4609	NTJ2567-05RE 2	10/26/10 23:28
<i>Surrogate: 4-Bromofluorobenzene</i>	46.5			ug/L	50.0	93%	79 - 125			10J4609	NTJ2567-05RE 2	10/26/10 23:28
10J5892-MSD1												
Acetone	ND	2570		ug/L	2500	103%	56 - 150	8	31	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Benzene	ND	496		ug/L	500	99%	65 - 151	2	12	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromobenzene	ND	455		ug/L	500	91%	69 - 142	5	23	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromochloromethane	ND	439		ug/L	500	88%	64 - 154	2	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromodichloromethane	ND	506		ug/L	500	101%	75 - 138	0.9	13	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromoform	ND	503		ug/L	500	101%	55 - 153	0.7	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Bromomethane	ND	439		ug/L	500	88%	13 - 176	23	50	10J5892	NTJ3216-11RE 1	10/30/10 20:49
2-Butanone	ND	2530		ug/L	2500	101%	45 - 164	4	37	10J5892	NTJ3216-11RE 1	10/30/10 20:49
sec-Butylbenzene	ND	480		ug/L	500	96%	68 - 159	6	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
n-Butylbenzene	ND	457		ug/L	500	91%	67 - 151	6	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
tert-Butylbenzene	ND	456		ug/L	500	91%	73 - 153	6	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Carbon disulfide	ND	403		ug/L	500	81%	33 - 187	5	28	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Carbon Tetrachloride	ND	452		ug/L	500	90%	64 - 157	0.6	26	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chlorobenzene	ND	500		ug/L	500	100%	78 - 136	0.8	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chlorodibromomethane	ND	587		ug/L	500	117%	64 - 145	1	16	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chloroethane	ND	450		ug/L	500	90%	48 - 159	6	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chloroform	ND	511		ug/L	500	102%	72 - 145	2	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Chloromethane	ND	402		ug/L	500	80%	10 - 194	10	34	10J5892	NTJ3216-11RE 1	10/30/10 20:49

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 Project Number: 20500332.00001
 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-MSD1												
2-Chlorotoluene	ND	466		ug/L	500	93%	66 - 155	4	22	10J5892	NTJ3216-11RE 1	10/30/10 20:49
4-Chlorotoluene	ND	470		ug/L	500	94%	69 - 149	4	22	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dibromo-3-chloropropane	ND	410		ug/L	500	82%	49 - 162	15	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dibromoethane (EDB)	ND	515		ug/L	500	103%	70 - 152	2	10	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Dibromomethane	ND	548		ug/L	500	110%	75 - 141	1	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,4-Dichlorobenzene	ND	451		ug/L	500	90%	75 - 135	4	10	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,3-Dichlorobenzene	ND	481		ug/L	500	96%	72 - 146	4	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dichlorobenzene	ND	479		ug/L	500	96%	80 - 136	5	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Dichlorodifluoromethane	ND	273		ug/L	500	55%	23 - 159	11	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1-Dichloroethane	31.1	506		ug/L	500	95%	64 - 154	2	34	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dichloroethane	9.10	410		ug/L	500	80%	72 - 137	1	25	10J5892	NTJ3216-11RE 1	10/30/10 20:49
cis-1,2-Dichloroethene	ND	462		ug/L	500	92%	57 - 154	2	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1-Dichloroethene	550	1040		ug/L	500	98%	34 - 151	6	31	10J5892	NTJ3216-11RE 1	10/30/10 20:49
trans-1,2-Dichloroethene	ND	454		ug/L	500	91%	57 - 157	5	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,3-Dichloropropane	ND	480		ug/L	500	96%	71 - 137	9	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2-Dichloropropane	ND	503		ug/L	500	101%	71 - 139	0.2	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
2,2-Dichloropropane	ND	458		ug/L	500	92%	10 - 198	2	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
cis-1,3-Dichloropropene	ND	596		ug/L	500	119%	56 - 156	1	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
trans-1,3-Dichloropropene	ND	519		ug/L	500	104%	47 - 157	7	26	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1-Dichloropropene	ND	457		ug/L	500	91%	70 - 155	4	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Ethylbenzene	ND	544		ug/L	500	109%	68 - 157	0.9	12	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Hexachlorobutadiene	ND	485		ug/L	500	97%	47 - 173	10	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
2-Hexanone	ND	2310		ug/L	2500	92%	57 - 154	4	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Isopropylbenzene	ND	569		ug/L	500	114%	69 - 139	1	15	10J5892	NTJ3216-11RE 1	10/30/10 20:49
p-Isopropyltoluene	ND	464		ug/L	500	93%	69 - 151	5	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Methyl tert-Butyl Ether	ND	457		ug/L	500	91%	56 - 152	7	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49

Client URS Corporation (6171)
 1000 Corporate Center, Suite 250
 Franklin, TN 37067
 Attn Craig Bernhoff

Work Order: NTJ2567
 Project Name: C&D Conyers GA
 Project Number: 20500332.00001
 Received: 10/21/10 08:10

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J5892-MSD1												
Methylene Chloride	ND	493		ug/L	500	99%	71 - 136	4	36	10J5892	NTJ3216-11RE 1	10/30/10 20:49
4-Methyl-2-pentanone	35.6	2740		ug/L	2500	108%	62 - 159	2	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Naphthalene	ND	392		ug/L	500	78%	56 - 161	21	30	10J5892	NTJ3216-11RE 1	10/30/10 20:49
n-Propylbenzene	ND	499		ug/L	500	100%	61 - 167	5	23	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Styrene	ND	535		ug/L	500	107%	69 - 150	0.09	29	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,1,2-Tetrachloroethane	ND	551		ug/L	500	110%	80 - 140	1	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,2,2-Tetrachloroethane	ND	478		ug/L	500	96%	76 - 141	6	28	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Tetrachloroethene	6.70	462		ug/L	500	91%	63 - 155	7	16	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Toluene	ND	475		ug/L	500	95%	61 - 153	0.5	35	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,3-Trichlorobenzene	ND	419		ug/L	500	84%	57 - 155	19	28	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,4-Trichlorobenzene	ND	411		ug/L	500	82%	64 - 147	14	23	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,2-Trichloroethane	ND	486		ug/L	500	97%	74 - 138	9	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,1,1-Trichloroethane	ND	458		ug/L	500	92%	78 - 153	1	29	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Trichloroethene	97.2	566		ug/L	500	94%	74 - 139	2	11	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Trichlorofluoromethane	12.0	388		ug/L	500	75%	53 - 149	5	33	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,3-Trichloropropane	173	479		ug/L	500	61%	49 - 148	6	25	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,3,5-Trimethylbenzene	ND	506		ug/L	500	101%	67 - 151	5	21	10J5892	NTJ3216-11RE 1	10/30/10 20:49
1,2,4-Trimethylbenzene	ND	507		ug/L	500	101%	69 - 150	5	20	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Vinyl chloride	ND	447		ug/L	500	89%	53 - 137	12	32	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Xylenes, total	ND	1620		ug/L	1500	108%	68 - 158	0.2	18	10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: 1,2-Dichloroethane-d4		19.9		ug/L	25.0	79%	63 - 140			10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: Dibromofluoromethane		23.6		ug/L	25.0	95%	73 - 131			10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	80 - 120			10J5892	NTJ3216-11RE 1	10/30/10 20:49
Surrogate: 4-Bromofluorobenzene		22.8		ug/L	25.0	91%	79 - 125			10J5892	NTJ3216-11RE 1	10/30/10 20:49

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Georgia
SM2320 B	Water		X	
SW846 6010B	Water	N/A	X	
SW846 8260B	Water	N/A	X	
SW846 9056	Water	N/A	X	
SW846 9060A	Water			X

Client URS Corporation (6171)
1000 Corporate Center, Suite 250
Franklin, TN 37067
Attn Craig Bernhoff

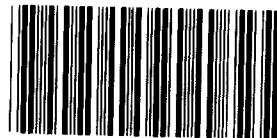
Work Order: NTJ2567
Project Name: C&D Conyers GA
Project Number: 20500332.00001
Received: 10/21/10 08:10

DATA QUALIFIERS AND DEFINITIONS

- A-01** Sample titrated <4.5 due to sample matrix
- H2** Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
- HT3** Sample received with insufficient holding time remaining for analysis to be performed within the method's holding time requirements.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M4** The MS/MSD required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information. See Blank Spike (LCS).
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- R** The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R2** The RPD exceeded the acceptance limit.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



Cooler Received/Opened On 10/21/10 @ 08:10

NTJ256

1. Tracking # 9735 (last 4 digits, Fe)

Courier: FED-EX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 1.0 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA4. Were custody seals on outside of cooler? YES...NO...NAIf yes, how many and where: 6 FRONT5. Were the seals intact, signed, and dated correctly? YES...NO...NA6. Were custody papers inside cooler? YES...NO...NAI certify that I opened the cooler and answered questions 1-6 (initial)7. Were custody seals on containers: YES NO and Intact YES...NO...NAWere these signed and dated correctly? YES...NO...NA8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None10. Did all containers arrive in good condition (unbroken)? YES...NO...NA11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA12. Did all container labels and tags agree with custody papers? YES...NO...NA13a. Were VOA vials received? YES...NO...NAb. Was there any observable headspace present in any VOA vial? YES...NO...NA14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1I certify that I unloaded the cooler and answered questions 7-14 (initial)15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NAb. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA16. Was residual chlorine present? YES...NO...NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA18. Did you sign the custody papers in the appropriate place? YES...NO...NA19. Were correct containers used for the analysis requested? YES...NO...NA20. Was sufficient amount of sample sent in each container? YES...NO...NAI certify that I entered this project into LIMS and answered questions 17-20 (initial)I certify that I attached a label with the unique LIMS number to each container (initial)21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO ...#

TE NTJ2567

11/04/10 23:59

TEST AMERICA INC. - ENVIRONMENTAL SERVICES
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404
, "Reg District (CA)"

Client: URS Corporation (6171)

Address: 1000 Corporate Center, Suite 250

City, State, Zip: Franklin

Client Invoice Contact: Accounts Payable

Client Project Mgr: Craig Bernhoff

Client Telephone#: (615) 771-2480

Fax: (615) 771-2459

Reg District (CA):

Site Address: 1835 Rockdale Blvd

City, State, Zip: Conyers Georgia

TA Account #: 1426041

PO #: Craig.Bernhoff@urscorp.com

Invoice to: URS Corporation (6171)

Project Name: C&D Conyers GA

Report to: Craig Bernhoff

Facility ID: 20500332.00001

Page **1** of **2**

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) None	(Black Label) HNO3	Groundwater	Drinking Water	Wastewater	Sludge	Soil	(Specify) Other	8260B Volatile Organics	Alkalinity Total SM2320 B	Iron Dissolved SW 6010B	Lead Total EPA 6010B	Magnesium Dissolved SW 6010B	TOC 9060A	Nitrate SW846 9056	Sulfate 9056	Manganese Dissolved SW 6010B	Assayed Lead	Analyze for	Preservative		Matrix	
MW-3	10/20/10	1630	5	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
D MW-38	10/20/10	1815	6	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
D MW-3D	10/20/10	1035	6	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
D MW-3D DWP	10/20/10	1030	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MW-37 MS/MSD	10/20/10	1030	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EQ BLK-1	10/20/10	1445	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EQ BLK-2	10/20/10	1150	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MW-38 DWP	10/20/10	1330	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MW-38 DWP	10/20/10	1335	7	X	X	X	X	3	1	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:	Date: 10/20/10	Time: 1600	Received by: George Day	Date: 10/20/10	Time: 1600	Relinquished by: George Day	Date: 10/20/10	Time: 1600
Shipped Via: Test America Courier	Shipped Via:		Shipped Via:		QC Deliverables (Please Circle One):		Date Due of Report:	
Received for Test/America by:	Date: 10/21/10	Time:	Temperature Upon:	Sample Containers Intact? Y N	Level 2	Level 3	Level 4	Site Specific
Receipt: 10		VOCS Free of Headspace? Y N	(If site specific, please pre-schedule w/ TestAmerica or attach specific instructions)					

TE! NTJ2567

1104/10 2359

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 **Fax:**(615) 726-3402
,"Reg District (CA)")

Page 2 of 2

Client: URS Corporation (617)
Address: 1000 Corporate Center, Suite 250

Client: URS Corporation (617)

Client Invoice Contact: Accounts Payable
City, State, Zip: Franklin

Craige Barnhouse

Client Telephone#: (615) 771-2480

Fax: (615) 771-2459

City Address

1935 Bartdag 11-18-1935

Blood

Sampler Name (Name) Samper Name (Name)

Preservative Matrix Analyze for

COMMENTS: All return round times are calculated from the time of receipt at TestAmerica.

COMMENTS: All turn-around times are estimated. *
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn-around time commitments; additional charges may be assessed.

There may be a charge assessed for test/Amber disposaling of sample it remains in my possession.

There may be a charge assessed for TestAmerica disposing of sample containers.					
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<u>Ray Bentz</u>	<u>10/20/2010</u>	<u>1600</u>	<u>Test America Corp</u>	<u>10/20/10</u>	<u>1600</u>
Shipped via:	Shipped FedEx				
Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
<u>Ray Bentz</u>	<u>10/20/10</u>	<u>1600</u>	<u>10/20/10</u>	<u>Y</u>	<u>N</u>
QC Deliverables (Please Circle One):					
<input checked="" type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Site Specific (If site specific, please pre-schedule w/ Test America Project Manager or attach specific instructions)					
Date Due of Report:					
<u>10/20/10</u>					

COOLER RECEIPT FORM

NTJ2567

11/04/10 23:59

Cooler Received/Opened On: 10/21/2010 @ 8:10

Fed-ex Tracking number 9021

IR Gun ID: 95610068

1. Temperature of rep. sample or temp blank when opened: 0.7 Degrees Celsius
3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA
4. Were custody seals on outside of cooler?
If yes, how many and where: If-ant YES NO NA
5. Were the seals intact, signed, and dated correctly? YES NO NA
6. Were custody papers inside cooler? YES NO NA
- I certify that I opened the cooler and answered questions 1-6 (initial)
7. Were custody seals on containers: YES NO and Intact YES NO NA
Were these signed and dated correctly? YES NO NA
8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)? YES NO NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA
12. Did all container labels and tags agree with custody papers? YES NO NA
- 13a. Were VOA vials received?
b. Was there any observable headspace present in any VOA vial? YES NO NA
14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # 2
I certify that I unloaded the cooler and answered questions 7-14 (initial)
- 15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA
b. Did the bottle labels indicate that the correct preservatives were used YES NO NA
16. Was residual chlorine present? YES NO NA
I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)
17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA
18. Did you sign the custody papers in the appropriate place? YES NO NA
19. Were correct containers used for the analysis requested? YES NO NA
20. Was sufficient amount of sample sent in each container? YES NO NA
I certify that I entered this project into LIMS and answered questions 17-20 (initial)
- I certify that I attached a label with the unique LIMS number to each container (initial)
21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO ...#