

**PHASE II
ENVIRONMENTAL SITE ASSESSMENT
SUMTER AIRPORT PROPERTY
2945 AIRPORT ROAD
SUMTER, SC
SITE ID # 43-04382**

Prepared For:

**Sumter County
13 E. Canal Street
Sumter, SC 29150**

Prepared By:

**Emerald, Inc.
P.O. Box 3050
2520 Tahoe Drive
Sumter, South Carolina 29151**

Report Date: January 29, 2010

Emerald, Inc.

CONSULTING AND ENGINEERING
SERVICES IN ENVIRONMENTAL AFFAIRS

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April 12, 2010

Mr. Johnathan W. Bryan
Sumter County Attorney
Sumter County
13 E. Canal Street
Sumter, South Carolina 29150

Re: Sumter County Airport
Phase II ESA Report & Emerald, Inc. Invoice No. 5186

Dear Mr. Bryan:

Please find enclosed two copies of the completed Phase II ESA report for the Sumter County Airport. As the report so states, Emerald, Inc. has investigated the three areas of concern recognized during the prior Phase I ESA, and the analytical results for the soil and groundwater samples indicate the presence of contaminants (pesticides) above acceptable limits in Area 1 which formerly contained the aerial spraying service building. Area 2, the solid waste disposal area after Hurricane Hugo, contains contaminants that are not above the acceptable limits in the locations sampled, and Area 3, the former railroad bed, does contain the presence of contaminants which may be indicative of used oil and creosote, both used by railroad companies in the past. The extent of the contaminants in soil and groundwater in all areas is not known as a result of the Phase II ESA. Additional assessment should be conducted to determine the extent, the possible impact to nearby wetlands, and the risk to human health and the environment. I will be glad to discuss the report and its findings at your convenience.

In addition, I have enclosed our invoice for this project. Thank you for allowing Emerald, Inc. to assist you with your environmental affairs.

Yours very truly,

Emerald, Inc.



Ronny L. Lowder
President

RLL/jrb

Celebrating 20 Years

Enclosures

1990-2010

Emerald, Inc.

INVOICE

Consulting and Engineering
Services in Environmental Affairs
2520 Tahoe Drive * P.O. Box 3050
Sumter, SC 29151
Phone (803) 469-5454 Fax (803) 469-5465

DATE	INVOICE #
4/13/2010	5185

BILL TO
Mr. Johnathan W. Bryan Sumter County Attorney Sumter County 13 East Canal Street Sumter, SC 29150

TERMS	DUE DATE	RE:
Due Upon Receipt	4/13/2010	Sumter County Airport Phase I

DESCRIPTION	QTY	RATE	AMOUNT
For Service Rendered:			
Geoprobe Equipment & Supplies for 2 days		3,400.00	3,400.00
Analytical for Soil & Groundwater		4,335.00	4,335.00
Project Manager & Equipment for 2 days		700.00	700.00
Report Preparation		550.00	550.00
Subtotal			8,985.00
Emerald, Inc. @ 15% Margin		1,585.00	1,585.00

Total	\$10,570.00
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Thank you for allowing Emerald, Inc. to assist you with your environmental needs.

Balance Due	\$10,570.00
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Signature Page

This document entitled "Phase II Environmental Site Assessment Report", has been prepared for Sumter County to describe investigative activities initiated at the Sumter County Airport located in Sumter, South Carolina. It has been prepared in accordance with accepted quality control practices.

Emerald, Inc.

Ronny L. Lowder, CHMM, REPA
President

Phase II Environmental Site Assessment Report
Sumter County Airport
2945 Airport Road
Sumter, South Carolina

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1.0 Executive Summary

Emerald, Inc. has conducted a Phase II Environmental Site Assessment (Phase II ESA) on the Sumter County Airport site at the request of Sumter County. Such Phase II ESA was conducted in three areas of concern which were discovered to contain Recognized Environmental Conditions (RECs) in Phase I Environmental Site Assessments conducted in 2005 and 2008. The three areas of concern are located on the eastern side of the airport property, and are designated as Area 1, Area 2, and Area 3 as seen on the site map labeled Figure 1. Area 1 is associated with a former pesticides storage and mixing area as part of an aerial spraying service; Area 2 is associated with a former solid waste dump from hurricane debris deposited on the site in 1989 and 1990; and, Area 3 is associated with a former railroad line that crossed the site but is no longer present.

The purpose of the Phase II ESA was to conduct soil and groundwater sampling in the three areas of concern, and to have the samples analyzed by an independent laboratory for Chemicals of Concern (CoCs) that would have been associated with the prior use of each area. Such was conducted in December 2009, and the analytical results found that each area has been impacted by CoCs in either the soil or groundwater, or both. In Area 1, the analytical results found Toxaphene, an organochlorine pesticide, at a level 4.5 times the acceptable limit in soil, and 318 times the Maximum Contaminant Level (MCL) in drinking water. Toxaphene is listed as possibly causing kidney, liver and thyroid problems as well as an increased risk for cancer. Area 2 results found low levels of petroleum and paint solvents in both the soil and groundwater, none of which are above acceptable limits for such CoCs. Area 3 found levels of Total Petroleum Hydrocarbons (TPH) in the soil. TPH is an indicator of the possible presence of used oils and creosote,

both used by railroad companies in the past.

The results of this Phase II ESA have found the presence of CoCs in each area; however, the extent of the CoCs have not been determined in this initial assessment. Additional assessment should be conducted to determine the horizontal and vertical extent of the CoCs, the possible impact to nearby wetlands, and the risk to human health and the environment that each area poses with regards to occupancy and development.

2.0 Introduction & Scope of Work

The Sumter County Airport (subject site) is located in a rural area in Sumter County, north of the City of Sumter. Specifically, the site is located in an area bounded by Hill Road on the north and west, Queen Chapel Road on the east, and W. Brewington Road on the south. The site consists of approximately 730.15 acres of developed and undeveloped land. Figure 2 contains an USGS topographic map showing the location of the Sumter County Airport and the surrounding land.

In 2005 and 2008, Emerald, Inc. personnel conducted a Phase I ESA on the Sumter Airport site. The Phase I ESA report found RECs due to the past usage of portions of the site as an aerial spraying service where pesticides and herbicides were mixed and stored, designated as Area 1; an area east of Area 1 where storm debris and solid waste were deposited in 1989 and 1990 plus years after, designated as Area 2; and, an area east of Area 2 where a former railroad line ran North-South through the property as seen on the topographic map in Figure 2, designated as Area 3. A Phase II ESA was recommended for the site to determine if there had been any adverse impact to the soil and/or groundwater at the site during the time of usage for each area of concern. Specifically, Area 1 may have been impacted by pesticides; Area 2 where white goods and empty paint

cans were observed in the Phase I ESA reports, may have been impacted by petroleum products, paint products and possibly PCBs; and Area 3 may have been impacted by waste oils used for vegetation control, and creosote used as a preservative for wooden crossties.

A Phase II ESA was approved by Sumter County in November 2009, and SCDHEC issued Temporary Monitoring Well Approval No. 3745 (copy in Appendix C) for the collection of groundwater samples beneath the site. The Phase II ESA included soil and groundwater sampling in the limited area of the three areas of concern. This report entitled "Phase II Environmental Site Assessment" covers the findings of this assessment.

3.0 Regional & Site Specific Geology

The Sumter Airport site is located within the northern section of Sumter County. Sumter County is part of the Atlantic Coastal Plain Physiographic Province of South Carolina. This province is characterized by rolling or undulating areas along with broad flats or nearly level areas.

The subject site is in an area dominated by sandy soils as characteristic of the province. Continuous soil borings were conducted in the areas of concern from the ground surface to the shallow aquifer which was typically found between 9 and 10 feet below land surface (BLS). The soil structure was found to be silty sands and sandy clays from just beneath the surface to the boring termination.

4.0 Site Activities

Emerald, Inc. personnel conducted the Phase II ESA at the Sumter County Airport site to determine if any prior releases had occurred at the site during the uses as described for each area in Section 2.0 above. Field activities required to generate site-specific

information for the subject site are described in detail within this section.

4.1 Soil & Groundwater Assessment

On December 3rd and 4th, 2009, Emerald, Inc. personnel, using Geoprobe® equipment operated by a South Carolina licensed well driller from VERO, conducted 10 borings in Area 1 as shown on the site map in Figure 3. Continuous soil sampling was conducted from just below the surface to a depth of approximately 9 feet BLS for each boring labeled B-1 through B-10. Soil screening was conducted at 4 to 5 foot intervals by field personnel who placed a portion of the soil sample into a plastic, sealable baggie for field screening using a Photo-ionization Detector (PID) to screen for the presence of Volatile Organic Compounds (VOCs). All data was recorded in the Field Screening Log as found in Appendix A including sample identification as to boring number, soil descriptions, depth and PID readings. Surficial soil samples from 0 to 5 feet were selected for laboratory analysis at each boring location unless otherwise noted in the field log. Each labeled soil sample was then packed into glass jar containers as provided by the laboratory for placement into the field ice chest, and shipment to the independent laboratory.

After collection of soil samples at each boring location, the direct push equipment was advanced to the shallow groundwater table in order to collect a sample of the groundwater. At a depth of approximately 14 feet BLS, a stainless steel screen was exposed for the collection of a groundwater sample using a peristaltic pump and plastic tubing (new tubing used at each collection point). Field personnel collected groundwater samples and placed such in preserved glass vials and bottles as provided by the laboratory, labeled and placed in the field ice chest for overnight shipment to the

independent laboratory.

This same procedure was used for the collection of soil and groundwater samples in each of the two remaining areas as seen on the area maps labeled Figure 4 (Area 2) and Figure 5 (Area 3). In Area 1, a water sample was collected from an abandoned water supply well labeled “PW”.

4.2 Soil & Groundwater Analytical

The soil and groundwater samples were packed in ice and shipped via overnight carrier to the Test America laboratory in Nashville, Tennessee, along with the properly completed chain of custody. Each soil and groundwater sample collected from Area 1 was tested for Pesticides as per EPA Method 8081B. Table 1 shows the analytical results for each sample, and the actual lab sheets can be found in Appendix B. As Table 1 shows, each pesticide soil result is compared to the EPA Region 9 Preliminary Remediation Goals (PRGs) using the Industrial Soil standard (December 2009). All of the pesticide analytical results may not have a comparative PRG. Table 2 shows the groundwater analytical results for each boring as compared to the individual Maximum Contaminant Level (MCL) for Drinking Water. Not all pesticides are listed on the MCL list and are so designated.

Table I
Area 1 - Soil Analytical Data for Pesticides
Sumter Airport
Site ID #43-04382

Sample Date: 12/03/09

Pesticide	PRG	B-1-S	B-2-S	B-3-S	B-4-S	B-5-S
Aldrin	0.10	ND	ND	ND	ND	ND
delta-BHC	*	ND	ND	ND	ND	ND
alpha-BHC	*	ND	ND	ND	ND	ND
beta-BHC	*	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	*	ND	ND	ND	ND	ND
alpha-Chlordane	*	0.0197	0.00521	ND	ND	ND
gamma-Chlordane	*	ND	ND	ND	ND	ND
Chlordane	6.50	ND	ND	ND	ND	ND
4,4'-DDD	7.20	0.125	0.00489	ND	ND	ND
4,4'-DDE	5.10	0.0230	0.00782	0.00466	ND	0.00819
4,4'-DDT	7.00	0.0592	0.0228	0.00499	0.00666	0.0164
Dieldrin	0.11	0.0592	0.00521	0.00300	ND	ND
Endosulfan I	3700	0.0625	ND	ND	ND	ND
Endosulfan II	*	0.253	0.0147	0.00632	ND	0.00361
Endosulfan Sulfate	*	ND	ND	0.0123	ND	ND
Endrin	180	0.293	ND	ND	ND	ND
Endrin aldehyde	*	0.201	0.00489	0.0233	ND	0.00295
Endrin ketone	*	ND	ND	ND	ND	ND
Heptachlor	0.38	ND	ND	ND	ND	ND
Heptachlor epoxide	0.19	ND	ND	ND	ND	ND
Methoxychlor	3100	0.839	0.0153	0.0163	ND	ND
Toxaphene	1.60	7.23	0.317	0.398	0.132	0.211

Notes: All units mg/kg, ND - Not Detected, * - Not on PRG List

Table I - Cont'd
Area 1 - Soil Analytical Data for Pesticides
Sumter Airport
Site ID #43-04382

Sample Date: 12/03/09

Pesticide	PRG	B-6-S	B-7-S	B-8-S	B-9-S	B-10-S
Aldrin	0.10	ND	ND	ND	ND	ND
delta-BHC	*	ND	ND	ND	ND	ND
alpha-BHC	*	ND	ND	ND	ND	ND
beta-BHC	*	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	*	ND	ND	ND	ND	ND
alpha-Chlordane	*	ND	0.972	ND	ND	ND
gamma-Chlordane	*	ND	1.23	ND	ND	ND
Chlordane	6.50	ND	ND	ND	ND	ND
4,4'-DDD	7.20	ND	5.51	ND	ND	ND
4,4'-DDE	5.10	0.00232	ND	ND	ND	ND
4,4'-DDT	7.00	0.00299	ND	ND	ND	ND
Dieldrin	0.11	ND	ND	ND	ND	ND
Endosulfan I	3700	ND	ND	ND	ND	ND
Endosulfan II	*	ND	9.72	ND	ND	ND
Endosulfan Sulfate	*	ND	ND	ND	ND	ND
Endrin	180	ND	ND	ND	ND	ND
Endrin aldehyde	*	ND	9.08	ND	ND	ND
Endrin ketone	*	ND	ND	ND	ND	ND
Heptachlor	0.38	ND	ND	ND	ND	ND
Heptachlor epoxide	0.19	ND	0.713	ND	ND	ND
Methoxychlor	3100	ND	33.7	0.0821	0.0392	ND
Toxaphene	1.60	0.192	342	0.744	0.426	0.178

Notes: All units mg/kg, ND - Not Detected, * - Not on PRG List

Table 2
Area 1 - Groundwater Analytical Data for Pesticides
Sumter Airport
Site ID #43-04382

Sample Date: 12/03/09

Pesticide	MCL	B-1-GW	B-2-GW	B-3-GW	B-4-GW	B-5-GW
Aldrin	*	5.40	ND	ND	ND	ND
delta-BHC	*	3.80	ND	ND	ND	ND
alpha-BHC	*	3.60	5.00	ND	ND	ND
beta-BHC	*	5.80	ND	ND	ND	ND
gamma-BHC (Lindane)	*	ND	ND	ND	ND	ND
alpha-Chlordane	*	ND	6.00	ND	0.100	ND
gamma-Chlordane	*	ND	16.0	ND	ND	ND
Chlordane	2.0	ND	ND	ND	ND	ND
4,4'-DDD	*	5.0	ND	ND	ND	ND
4,4'-DDE	*	ND	ND	ND	ND	ND
4,4'-DDT	*	3.40	25.0	ND	ND	ND
Dieldrin	*	2.60	ND	ND	0.280	ND
Endosulfan I	*	ND	11.0	ND	0.200	ND
Endosulfan II	*	ND	10.0	ND	0.860	ND
Endosulfan Sulfate	*	ND	ND	ND	ND	ND
Endrin	2.0	ND	ND	ND	0.910	ND
Endrin aldehyde	*	ND	ND	ND	0.290	ND
Endrin ketone	*	ND	ND	ND	ND	ND
Heptachlor	0.4	ND	ND	ND	ND	ND
Heptachlor epoxide	0.2	ND	ND	ND	ND	ND
Methoxychlor	40.0	2.20	ND	ND	ND	ND
Toxaphene	3.0	142	954	181	20.0	ND

Notes: All units ug/L, ND - Not Detected, * - Not on MCL List

Table 2 - Cont'd
Area 1 - Groundwater Analytical Data for Pesticides
Sumter Airport
Site ID #43-04382

Sample Date: 12/03/09

Pesticide	MCL	B-6-GW	B-7-GW	B-8-GW	B-9-GW	B-10-GW	SAP-PW
Aldrin	*	ND	ND	ND	ND	ND	ND
delta-BHC	*	ND	ND	ND	ND	ND	ND
alpha-BHC	*	ND	ND	ND	ND	ND	ND
beta-BHC	*	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	*	ND	ND	ND	ND	ND	ND
alpha-Chlordane	*	ND	ND	ND	ND	ND	ND
gamma-Chlordane	*	ND	ND	ND	ND	ND	ND
Chlordane	2.0	ND	ND	ND	ND	ND	ND
4,4'-DDD	*	ND	ND	ND	ND	ND	ND
4,4'-DDE	*	ND	ND	ND	ND	ND	ND
4,4'-DDT	*	ND	ND	ND	ND	ND	ND
Dieldrin	*	ND	ND	ND	ND	ND	ND
Endosulfan I	*	ND	ND	ND	ND	ND	ND
Endosulfan II	*	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	*	ND	ND	ND	ND	ND	ND
Endrin	2.0	ND	ND	ND	ND	ND	ND
Endrin aldehyde	*	ND	ND	ND	ND	ND	ND
Endrin ketone	*	ND	ND	ND	ND	ND	ND
Heptachlor	0.4	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.2	ND	ND	ND	ND	ND	ND
Methoxychlor	40.0	ND	ND	ND	ND	ND	ND
Toxaphene	3.0	ND	213	4.07	16.3	9.08	ND

Notes: All units ug/L, ND - Not Detected, * - Not on MCL List

Area 2 contained soil and groundwater samples labeled B-11 through B-15. Each soil and groundwater sample was submitted to the independent laboratory to test for Volatile Organic Compounds (VOCs) using EPA Method 8260. VOCs may be found in petroleum materials such as gasoline, heating oil, diesel fuel, and paint solvents. VOCs would also indicate the presence of PCBs from white goods, etc. Table 3 shows the analytical for each soil sample, and Table 4 shows the analytical results for each groundwater sample from Area 2. Each soil result is also compared to the EPA Region 9 PRGs for soil, as appropriate, and the groundwater results are compared to the MCLs for Drinking Water.

Table 3
Area 2 - Soil Analytical Data for VOCs
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	PRG	B-11-S	B-12-S	B-13-S	B-14-S	B-15-S
Acetone	630000	ND	ND	0.0851	0.0190	ND
Benzene	5.40	ND	ND	ND	ND	ND
Bromobenzene	1800	ND	ND	ND	ND	ND
Bromochloromethane	*	ND	ND	ND	ND	ND
Bromodichloromethane	1.40	ND	ND	ND	ND	ND
Bromoform	220.0	ND	ND	ND	ND	ND
Bromomethane	32.0	ND	ND	ND	ND	ND
2-Butanone	*	ND	ND	ND	ND	ND
sec-Butylbenzene	*	ND	ND	ND	ND	ND
n-Butylbenzene	*	ND	ND	ND	ND	ND
tert-Butylbenzene	*	ND	ND	ND	ND	ND
Carbon disulfide	3700.0	ND	ND	ND	ND	ND
Carbon Tetrachloride	1.20	ND	ND	ND	ND	ND
Chlorobenzene	1400.0	ND	ND	ND	ND	ND
Chlorodibromomethane	*	ND	ND	ND	ND	ND
Chloroethane	*	ND	ND	ND	ND	ND
Chloroform	1.50	ND	ND	0.000814	0.000748	0.000712
Chloromethane	500	ND	ND	ND	ND	ND
2-Chlorotoluene	*	ND	ND	ND	ND	ND
4-Chlorotoluene	*	ND	ND	ND	ND	ND
1,2 Dibromo-3-chloropropane	0.07	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	0.17	ND	ND	ND	ND	ND
Dibromomethane	110.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	12.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	*	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	9800.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	780	ND	ND	ND	ND	ND
1,1-Dichloroethane	17.0	ND	ND	ND	ND	ND
1,2-Dichloroethane	2.20	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	*	ND	ND	ND	ND	ND
1,1-Dichloroethene	*	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	*	ND	ND	ND	ND	ND

Notes: All units mg/kg, ND - Not Detected, * - Not on PRG List

Table 3 - Cont'd
Area 2 - Soil Analytical Data for VOCs
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	PRG	B-11-S	B-12-S	B-13-S	B-14-S	B-15-S
1,3-Dichloropropane	20000	ND	ND	ND	ND	ND
1,2-Dichloropropane	4.50	ND	ND	ND	ND	ND
2,2-Dichloropropane	*	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
1,1-Dichloropropene	*	ND	ND	ND	ND	ND
Ethylbenzene	27.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	22.0	ND	ND	ND	ND	ND
2-Hexanone	1400.0	ND	ND	ND	ND	ND
Isopropylbenzene	*	ND	ND	ND	ND	ND
p-Isopropyltoluene	*	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	220.0	ND	ND	ND	ND	ND
Methylene Chloride	53.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	*	ND	ND	ND	ND	ND
Naphthalene	*	ND	ND	ND	ND	ND
n-Propylbenzene	*	ND	ND	ND	ND	ND
Styrene	36000	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	9.3	ND	ND	ND	ND	ND
1,1,2,2-Tetrachlorethane	2.8	ND	ND	ND	ND	ND
Tetrachloroethene	*	ND	ND	ND	ND	ND
Toluene	45000	ND	ND	ND	0.000204	ND
1,2,3-Trichlorobenzene	490.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	99.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.30	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	38000	ND	ND	ND	ND	ND
Trichloroethene	*	ND	ND	ND	ND	ND
Trichlorofluormethane	3400	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.10	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	260.0	ND	ND	ND	ND	ND
Vinyl Chloride	1.7	ND	ND	ND	ND	ND
Xylenes, total	*	ND	ND	ND	ND	ND

Notes: All units mg/kg, ND - Not Detected, * - Not on PRG List

Table 4
Area 2 - Groundwater Analytical Data for VOCs
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	MCL	B-11-GW	B-12-GW	B-13-GW	B-14-GW	B-15-GW
Acetone	*	ND	ND	ND	ND	ND
Benzene	5.0	3.97	ND	ND	ND	ND
Bromobenzene	*	ND	ND	ND	ND	ND
Bromoform	*	ND	ND	ND	ND	ND
Bromomethane	*	ND	ND	ND	ND	ND
2-Butanone	*	ND	ND	ND	ND	ND
sec-Butylbenzene	*	ND	0.380	ND	ND	ND
n-Butylbenzene	*	ND	0.880	ND	ND	ND
tert-Butylbenzene	*	ND	ND	ND	ND	ND
Carbon disulfide	*	ND	ND	ND	ND	ND
Carbon Tetrachloride	5.0	ND	ND	ND	ND	ND
Chlorobenzene	100.0	1.01	0.530	ND	ND	ND
Chlorodibromomethane	*	ND	ND	ND	ND	ND
Chloroethane	*	ND	ND	ND	ND	ND
Chloroform	*	ND	ND	ND	ND	ND
Chloromethane	*	ND	0.880	ND	ND	ND
2-Chlorotoluene	*	ND	ND	ND	ND	ND
4-Chlorotoluene	*	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane(EDB)	*	1.77	ND	ND	ND	ND
Dibromomethane	*	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	*	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	*	0.810	ND	ND	ND	ND
1,2-Dichlorobenzene	*	ND	ND	ND	ND	ND
Dichlorodifluoromethane	*	ND	ND	ND	ND	ND
1,1-Dichloroethane	*	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	*	ND	ND	ND	ND	ND
1,1-Dichloroethene	*	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	*	ND	ND	ND	ND	ND

Notes: All units ug/L, ND - Not Detected, * - Not on MCL List

Table 4 - Cont'd
Area 2 - Groundwater Analytical Data for VOCs
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	MCL	B-11-GW	B-12-GW	B-13-GW	B-14-GW	B-15-GW
1,3-Dichloropropane	*	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	*	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
1,1-Dichloropropene	*	ND	ND	ND	ND	ND
Ethylbenzene	700.0	ND	5.19	0.550	ND	ND
Hexachlorobutadiene	*	ND	ND	ND	ND	ND
2-Hexanone	*	ND	ND	ND	ND	ND
Isopropylbenzene	*	1.02	1.30	ND	ND	ND
p-Isopropyltoluene	*	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	*	1.74	ND	ND	ND	ND
Methylene Chloride	*	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	*	ND	ND	ND	ND	ND
Naphthalene	*	ND	ND	ND	ND	ND
n-Propylbenzene	*	ND	5.89	0.430	ND	ND
Styrene	100.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	*	ND	ND	ND	ND	ND
1,1,2,2-Tetrachlorethane	*	ND	ND	ND	ND	ND
Tetrachloroethene	*	ND	0.340	ND	ND	ND
Toluene	1000.0	ND	0.600	ND	ND	ND
1,2,3-Trichlorobenzene	*	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	70.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200.0	ND	ND	ND	ND	ND
Trichloroethene	*	ND	ND	ND	ND	ND
Trichlorofluormethane	*	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	*	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	*	10.9	11.4	1.09	ND	ND
1,2,4-Trimethylbenzene	*	15.6	36.4	2.75	0.350	0.490
Vinyl Chloride	2.0	ND	ND	ND	ND	ND
Xylenes, total	10000	18.6	31.8	3.28	ND	ND

Notes: All units ug/L, ND - Not Detected, * - Not on MCL List

Area 3 contained soil and groundwater samples labeled B-16 through B-20. Each soil sample was submitted to the independent laboratory to test for Total Petroleum Hydrocarbons - Diesel Range Organics (TPH-DRO) using EPA Method 8015 and VOCs, as would possibly be found in waste oils, and also would provide an indicator of the presence of creosote. Table 5 contains the analytical results for each soil sample. Each groundwater sample collected in Area 3 was submitted for VOC analysis only. Table 6 contains the analytical results for each groundwater sample. Each soil result is also compared to the EPA Region 9 PRGs for soil, as appropriate, and the groundwater results are compared to the MCLs for Drinking Water.

Table 5
Area 3 - Soil Analytical Data for VOCs & TPH-DRO
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	PRG	B-16-S	B-17-S	B-18-S	B-19-S	B-20-S
Acetone	630000	0.434	0.0179	0.113	0.135	0.0195
Benzene	5.40	ND	ND	ND	ND	ND
Bromobenzene	1800	ND	ND	ND	ND	ND
Bromo-chloromethane	*	ND	ND	ND	ND	ND
Bromo-dichloromethane	1.40	ND	ND	ND	ND	ND
Bromoform	220.0	ND	ND	ND	ND	ND
Bromo-methane	32.0	ND	ND	ND	ND	ND
2-Butanone	*	ND	ND	ND	ND	ND
sec-Butylbenzene	*	ND	ND	ND	ND	ND
n-Butylbenzene	*	ND	ND	ND	ND	ND
tert-Butylbenzene	*	ND	ND	ND	ND	ND
Carbon disulfide	3700.0	ND	ND	ND	ND	ND
Carbon Tetrachloride	1.20	ND	ND	ND	ND	ND
Chlorobenzene	1400.0	ND	ND	ND	ND	ND
Chloro-dibromomethane	*	ND	ND	ND	ND	ND
Chloroethane	*	ND	ND	ND	ND	ND
Chloroform	1.50	0.00103	0.000664	0.00162	0.00106	0.00202
Chloro-methane	500	ND	ND	ND	ND	ND
2-Chloro-toluene	*	ND	ND	ND	ND	ND
4-Chloro-toluene	*	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.07	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	0.17	ND	ND	ND	ND	ND
Dibromo-methane	110.0	ND	ND	ND	ND	ND
1,4-Dichloro-benzene	12.0	ND	ND	ND	ND	ND
1,3-Dichloro-benzene	*	ND	ND	ND	ND	ND
1,2-Dichloro-benzene	9800.0	ND	ND	ND	ND	ND
Dichloro-difluoromethane	780	ND	ND	ND	ND	ND
1,1-Dichloro-ethane	17.0	ND	ND	ND	ND	ND
1,2-Dichloro-ethane	2.20	ND	ND	ND	ND	ND
cis-1,2-Dichloro-ethene	*	ND	ND	ND	ND	ND
1,1-Dichloro-ethene	*	ND	ND	ND	ND	ND
trans-1,2-Dichloro-ethene	*	ND	ND	ND	ND	ND

Notes: All units mg/kg, ND - Not Detected, * - Not on PRG List

Table 5 - Cont'd
Area 3 - Soil Analytical Data for VOCs & TPH-DRO
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	PRG	B-16-S	B-17-S	B-18-S	B-19-S	B-20-S
1,3-Dichloropropane	20000	ND	ND	ND	ND	ND
1,2-Dichloropropane	4.50	ND	ND	ND	ND	ND
2,2-Dichloropropane	*	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
1,1-Dichloropropene	*	ND	ND	ND	ND	ND
Ethylbenzene	27.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	22.0	ND	ND	ND	ND	ND
2-Hexanone	1400.0	ND	ND	ND	ND	ND
Isopropylbenzene	*	ND	ND	0.00355	ND	ND
p-Isopropyltoluene	*	ND	ND	0.00366	ND	ND
Methyl tert-Butyl Ether	220.0	ND	ND	ND	ND	ND
Methylene Chloride	53.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	*	0.0191	ND	ND	ND	ND
Naphthalene	*	ND	ND	0.00461	ND	ND
n-Propylbenzene	*	ND	ND	ND	ND	ND
Styrene	36000	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	9.3	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2.8	ND	ND	ND	ND	ND
Tetrachloroethene	*	ND	ND	ND	ND	ND
Toluene	45000	0.00170	ND	0.000649	ND	0.000392
1,2,3-Trichlorobenzene	490.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	99.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.30	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	38000	ND	ND	ND	ND	ND
Trichloroethene	*	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.10	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	260.0	ND	ND	ND	ND	ND
Vinyl Chloride	1.7	ND	ND	ND	ND	ND
Xylenes, total	*	ND	ND	ND	ND	ND
Diesel (TPH-DRO)	*	4.08	9.01	54.0	15.8	3.90

Notes: All units mg/kg, ND - Not Detected, * - Not on PRG List

Table 6
Area 3 - Groundwater Analytical Data for VOCs & TPH-DRO
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	MCL	B-16-GW	B-17-GW	B-18-GW	B-19-GW	B-20-GW
Acetone	*	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND
Bromobenzene	*	ND	ND	ND	ND	ND
Bromoform	*	ND	ND	ND	ND	ND
Bromomethane	*	ND	ND	ND	ND	ND
2-Butanone	*	ND	ND	ND	ND	ND
sec-Butylbenzene	*	ND	ND	ND	ND	ND
n-Butylbenzene	*	ND	ND	ND	ND	ND
tert-Butylbenzene	*	ND	ND	ND	ND	ND
Carbon disulfide	*	ND	ND	ND	ND	ND
Carbon Tetrachloride	5.0	ND	ND	ND	ND	ND
Chlorobenzene	100.0	ND	ND	ND	ND	ND
Chlorodibromomethane	*	ND	ND	ND	ND	ND
Chloroethane	*	ND	ND	ND	ND	ND
Chloroform	*	ND	ND	ND	ND	ND
Chloromethane	*	0.420	0.440	ND	ND	ND
2-Chlorotoluene	*	ND	ND	ND	ND	ND
4-Chlorotoluene	*	ND	ND	ND	ND	ND
1,2 Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane(EDB)	*	ND	ND	ND	ND	ND
Dibromomethane	*	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	*	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	*	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	*	ND	ND	ND	ND	ND
Dichlorodifluoromethane	*	ND	ND	ND	ND	ND
1,1-Dichloroethane	*	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	*	ND	ND	ND	ND	ND
1,1-Dichloroethene	*	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	*	ND	ND	ND	ND	ND

Notes: All units ug/L, ND - Not Detected, * - Not on MCL List

Table 6 - Cont'd
Area 3 - Groundwater Analytical Data for VOCs & TPH-DRO
Sumter Airport
Site ID #43-04382

Sample Date: 12/04/09

Contaminant	MCL	B-16-GW	B-17-GW	B-18-GW	B-19-GW	B-20-GW
1,3-Dichloropropane	*	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	*	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	*	ND	ND	ND	ND	ND
1,1-Dichloropropene	*	ND	ND	ND	ND	ND
Ethylbenzene	700.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	*	ND	ND	ND	ND	ND
2-Hexanone	*	ND	ND	ND	ND	ND
Isopropylbenzene	*	ND	ND	ND	ND	ND
p-Isopropyltoluene	*	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	*	ND	ND	ND	ND	ND
Methylene Chloride	*	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	*	ND	ND	ND	ND	ND
Naphthalene	*	5.17	ND	ND	ND	ND
n-Propylbenzene	*	ND	ND	ND	ND	ND
Styrene	100.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	*	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	*	ND	ND	ND	ND	ND
Tetrachloroethene	*	ND	0.660	0.380	ND	ND
Toluene	1000.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	*	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	70.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200.0	ND	ND	ND	ND	ND
Trichloroethene	*	ND	ND	ND	ND	ND
Trichlorofluoromethane	*	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	*	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	*	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	*	ND	ND	ND	ND	ND
Vinyl Chloride	2.0	ND	ND	ND	ND	ND
Xylenes, total	10000	ND	ND	ND	ND	ND
Diesel (TPH-DRO)	NT	NT	NT	NT	NT	NT

Notes: All units ug/L, ND - Not Detected, * - Not on MCL List, NT - Not Tested

5.0 Results & Conclusions

At the request of Sumter County, Emerald, Inc. conducted a Phase II ESA on a limited portion of the Sumter Airport property located at 2945 Airport Road in Sumter, South Carolina. The assessment was limited to the three areas of concern as found in Phase I ESAs conducted on the site. Specifically, such areas are labeled Areas 1 through 3 as seen on the site map in Figure 1. Each area was associated with past usages as described in this report.

The Phase II ESA was conducted in December 2009, and the analytical results found that each area has been impacted by CoCs in either the soil and groundwater, or both. In Area 1, the analytical results found Toxaphene, a pesticide, at a level 4.5 times the acceptable limit in soil, and 318 times the MCL for Toxaphene in drinking water. Toxaphene is listed as possibly causing kidney, liver and thyroid problems as well as an increased risk for cancer. Area 2 results found low levels of petroleum and paint solvents in both the soil and groundwater, none of which are above acceptable limits for such CoCs. Area 3 found levels of TPH-DRO in the soil. TPH-DRO is an indicator of the possible presence of waste oils and creosote, both used by railroad companies in the past.

The results of the Phase II ESA have found the presence of CoCs in each area; however, the extent of the CoCs have not been determined in this initial assessment. Additional assessment should be conducted to determine the horizontal and vertical extent of the CoCs, the possible impact to nearby wetlands, and the risk to human health and the environment that each area poses with regards to occupancy and development.

6.0 Appendices

- A) Field Screening Logs & Water Well Records
- B) Laboratory Analytical Results
- C) SCDHEC Temporary Monitoring Well Approval

APPENDIX A

FIELD SCREENING LOGS
&
WATER WELL RECORDS

FIELD SCREENING LOG

EMERALD, INC.

FIELD SCREENING LOG

Site: Sumter Airport - Area 1

Date: 12/03/09

Personnel: Emerald, Inc. - Dalton Reames

LOCATION	TIME	SPOON	PID	SOIL DESCRIPTION	MOISTURE CONTENT	COMMENTS
B-1-S				Tan Sand at Surface		
	1544*	0 - 5'	12.1	Clayey Sand, Orange, Grey to 3, then Sandy Clay, Grey, Orange	Moist	No Odor
	1547	5' - 9'	13.9	Sandy Clay, Orange, Grey to 8.5', then Sand, Grey, Medium	Moist	Strong Odor
B-1-GW	1555	14'	-	Pink-Red	-	Strong Odor
B-2-S				Grass at Surface		
	1403*	0 - 5'	10.6	Clayey Sand, Brown-Grey, Orange, Fine	Moist	Mild Odor
	1406	5' - 9'	12.1	Sandy Clay, Orange, Grey	Moist	Mild Sewer Odor
B-2-GW	1410	14'	-	Cloudy	-	Strong Odor
B-3-S				Grass at Surface		
	1340*	0 - 5'	18.1	Clayey Sand, Brown-Orange-Grey, Fine to 2', then Sandy Clay, Brown-Orange, Grey	Moist	No Odor
	1345	5' - 9'	12.9	Sandy Clay, Grey, Orange to 8', then Sandy Clay, Grey, Plastic	Moist	No Odor
B-3-GW	1400	14'	-	Clear	-	Mild Odor

* Soil sample collected.

EMERALD, INC.
FIELD SCREENING LOG

Site: Sumter Airport - Area 1

Date: 12/03/09

Personnel: Emerald, Inc. - Dalton Reames

LOCATION	TIME	SPOON	PID	SOIL DESCRIPTION	MOISTURE CONTENT	COMMENTS
B-4-S				Grass at Surface		
	1111*	0 - 5'	13.3	Sand, Brown-Grey to Tan, Fine, Loose	Moist	No Odor
	1115	5' - 9'	12.9	Sandy Clay, Tan-Grey	Moist	No Odor
B-4-GW	1130	14'	-	Cloudy	-	Mild Odor
B-5-S				Grass at Surface		
	1045*	0 - 5'	5.1	Clayey Sand, Brown-Grey to 3', then Sandy Clay, Grey	Moist	No Odor
	1049	5' - 9'	5.2	Sandy Clay, Grey to 7', then Sandy Clay, Pinkish-Orangish-Red, Some Grey	Moist	No Odor
B-5-GW	1100	14'	-	Orangish	-	No Odor
B-6-S				Grass at Surface		
	1014*	0 - 5'	7.1	Clayey Sand, Brown-Grey to 2', then Sandy Clay, Orange to 4', then Sandy Clay, Grey	Moist	No Odor
	1017	5' - 9'	7.1	Sandy Clay, Grey, Orange to 8', then Clayey Sand, Fine, Grey	Moist	No Odor
	1020	9' - 13'	6.2	Clayey Sand, Grey, Medium to 12', then Sand, Orange, Medium	Wet	No Odor
B-6-GW	1030	14'	-	Orangish	-	No Odor

* Soil sample collected.

EMERALD, INC.
FIELD SCREENING LOG

Site: Sumter Airport - Area 1

Date: 12/03/09

Personnel: Emerald, Inc. - Dalton Reames

LOCATION	TIME	SPOON	PID	SOIL DESCRIPTION	MOISTURE CONTENT	COMMENTS
B-7-S				Tan/Orange at Surface		
	1605*	0 - 5'	11.0	Sand, Orange, Grey, Medium to 2', then Sandy Clay, Grey, Orange, Pink-Red	Moist	Mild Odor
	1608	5' - 9'	10.6	Sandy Clay, Dark Red, Pink-Red, Orange, Grey, Plastic	Dry	Mild Odor
B-7-GW	1615	14'	-	Tan-Grey	-	Strong Odor
B-8-S				Grass at Surface		
	1450*	0 - 5'	13.3	Sandy Clay, Brown-Orange & Gravel to 2', then Sandy Clay, Orange, Grey	Moist	No Odor
	1454	5' - 9'	15.6	Sandy Clay, Red, Orange, Grey to 8', than Clayey Sand, Red, Orange, Grey, Fine	Moist	No Odor
B-8-GW	1500	14'	-	Grey-White	-	No Odor
B-9-S				Grass at Surface		
	1427*	0 - 5'	6.1	Clayey Sand, Grey-Brown, Fine to 3', then Sandy Clay, Brown, Orange, Grey	Moist	No Odor
	1430	5' - 9'	12.7	Clayey Sand, Grey, Same Pink, Fine	Moist	No Odor
B-9-GW	1440	14'	-	Milky	-	No Odor

* Soil sample collected.

EMERALD, INC.

FIELD SCREENING LOG

Site: Sumter Airport - Area 1

Date: 12/03/09

Personnel: Emerald, Inc. - Dalton Reames

* Soil sample collected.

EMERALD, INC.
FIELD SCREENING LOG

Site: Sumter Airport - Area 2

Date: 12/04/09

Personnel: Emerald, Inc. - Dalton Reames

LOCATION	TIME	SPOON	PID	SOIL DESCRIPTION	MOISTURE CONTENT	COMMENTS
B-11-S				Grass at Surface		
	0845	0 - 5'	7.9	Sandy, Tan-Brown to 1', then Sandy, Clay, Orange-Red, Grey	Dry	Mild Odor
	0849*	5' - 9'	9.4	Sandy Clay, Brown-Orange, Orange, Red, Grey to 8.5', then Clayey Sand, Red-Orange	Dry	Mild Odor
B-11-GW	0855	14'	-	Tan-Orange	-	Strong Odor
B-12-S				Grass at Surface		
	0906	0 - 5'	14.8	Sand, Brown-Grey to 1', then Sandy Clay, Tan, Tan-Orange, Orange, Red, Grey	Dry	No Odor
	0909	5' - 9'	13.3	Sandy Clay, Red, Grey, Plastic to 7', then Clayey Sand, Orange-Red with some Grey, Fine	Dry	No Odor
B-12-GW	0915	14'	-	Tannish	-	No Odor
B-13-S				Grass at Surface		
	0930*	0 - 5'	13.1	Sand, Tan-Grey to 2', then Sandy Clay, Brown-Orange	Moist	No Odor
	0933	5' - 9'	12.0	Sandy Clay, Grey to 7', then Sandy Clay, Dark Red, Orange, Some Grey	Moist	No Odor
B-13-GW	0940	14'	-	Cloudy	-	No Odor

* Soil sample collected.

EMERALD, INC.
FIELD SCREENING LOG

Site: Sumter Airport - Area 2

Date: 12/04/09

Personnel: Emerald, Inc. - Dalton Reames

LOCATION	TIME	SPOON	PID	SOIL DESCRIPTION	MOISTURE CONTENT	COMMENTS
B-14-S				Kudzu at Surface		
	0950*	0 - 5'	11.6	Sand, Grey-Brown to 1', then Sandy Clay, Tan-Brown-Orange	Dry	No Odor
	0955	5' - 9'	11.0	Sandy Clay, Dark Red, Orange, Grey	Dry	No Odor
B-14-GW	1006	14'	-	Tan-Orange	-	No Odor
B-15-S				Kudzu at Surface		
	1019	0 - 5'	5.4	Clayey Sand, Tan, Fine to 3', then Sandy Clay, Tan, Red, Some Grey	Dry	No Odor
	1022*	5' - 9'	7.4	Sandy Clay, Grey, Red, Orange to 8.5', then Sand, Yellow-Orange, Fine, Loose	Dry	No Odor
B-15-GW	1030	14'	-	Light Tan	-	No Odor

* Soil sample collected.

EMERALD, INC.
FIELD SCREENING LOG

Site: Sumter Airport - Area 3

Date: 12/04/09

Personnel: Emerald, Inc. - Dalton Reames

LOCATION	TIME	SPOON	PID	SOIL DESCRIPTION	MOISTURE CONTENT	COMMENTS
B-16-S				Leaf Litter at Surface		
	1200*	0 - 5'	18.2	Sand, Brown-Tan to 2', then Sandy Clay, Tan-Orange, Orange-Red	Dry	No Odor
	1203	5' - 9'	7.7	Sandy Clay, Red, Tan-Orange to 8', then Sand, Pink-Red, Orange, Fine/Medium	Dry	No Odor
B-16-GW	1210	14'	-	Orangish	-	No Odor
B-17-S				Leaf Litter at Surface		
	1310*	0 - 4'	18.2	Clayey Sand, Brown-Tan to 2', then Sandy Clay, Light Orange	Dry	No Odor
B-17-GW	1315	14'	-	Slightly Cloudy	-	No Odor
B-18-S				Leaf Litter at Surface		
	1325*	0 - 4'	40.4	Clayey Sand, Brown-Tan to 2', then Sandy Clay, Light Orange	Dry	No Odor
B-18-GW	1330	16'	-	Orangish	-	No Odor

* Soil sample collected.

WATER WELL RECORDS



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC 1903 (07/2003)

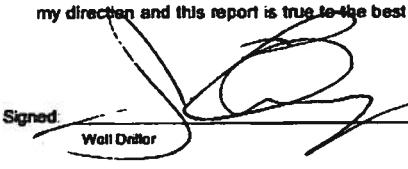
COPY & MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449			7. PERMIT NUMBER: #12741		
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement		
9. WELL DEPTH (completed) 14 ft.			Date Started: 12/3/09 Date Completed: 12/3/09		
10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth _____ in. to _____ ft. depth			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS _____ ft. and _____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No					
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours					
13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____					
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.					
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____					
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.					
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____					
18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal					
19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) _____ 171 Lott Ct, W.Columbia, 29169 Level: A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D (circle one)					
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)			Telephone No.: 803-429-3001 Fax No.: _____		
5. REMARKS: Temporary Well B-2-GW			20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.		
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input type="checkbox"/> Other			Signed: _____ Date: 12/26/09  If D Level Driller, provide supervising driller's name: _____		



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

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		9. WELL DEPTH (completed) Date Started: 12/3/09 14 ft. Data Completed: 12/3/09
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to ft. depth
		Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb.ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS ft. and ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No
		12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours
		13. PUMPING LEVEL Below Land Surface. ft. after hrs. Pumping G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____
		18. PUMP: Date Installed: _____ Not installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A B C D (circle one) 171 Lott Ct, W.Columbia, 29169 Telephone No.: 803-429-5001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
5. REMARKS: Temporary Well B-3-GW		Signed: If D Level Driller, provide supervising driller's name: _____ Date: 12/26/09
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input type="checkbox"/> Other		



Water Well Record

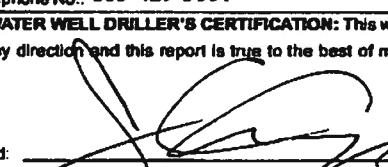
Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300



Water Well Record

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449			7. PERMIT NUMBER: #12741		
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement		
9. WELL DEPTH (completed) 14 ft.			Date Started: 12/3/09 Date Completed: 12/3/09		
10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to ft. depth			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS _____ ft. and _____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No					
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours					
13. PUMPING LEVEL Below Land Surface. _____ ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:					
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.					
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____					
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.					
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____					
18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal					
19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) _____ 171 Lott Ct, W.Columbia, 29169 Level: A B C D (circle one) <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Telephone No.: 803-429-0011 Fax No.: _____					
20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.					
Signed: _____ Date: 12/26/09  Well Driller					
If D Level Driller, provide supervising driller's name:					
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other					
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)					
5. REMARKS: Temporary Well B-5-GW					



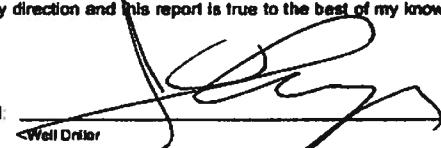
Water Well Record

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449			7. PERMIT NUMBER: #12741		
City: Sumter State: SC Zip: 29150-1449			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement		
Telephone: Work: Home:			9. WELL DEPTH (completed) Date Started: 12/3/09		
10. LOCATION OF WELL: COUNTY: Sumter			14 ft. Date Completed: 12/3/09		
Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000			10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth 0 in. to ft. depth		
Latitude: Longitude:			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS ____ ft. and ____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No					
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours					
13. PUMPING LEVEL Below Land Surface. ft. after hrs. Pumping G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____					
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.					
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____					
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.					
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____					
18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal					
19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A B C D (circle one) 171 Lott Ct, W.Columbia, 29169 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Telephone No.: 803-429-3001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.					
Signed: _____ Date: 12/26/09 Well Driller					
If D Level Driller, provide supervising driller's name: _____					



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

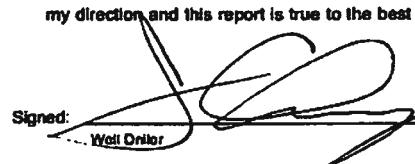
1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741	
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement	
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		9. WELL DEPTH (completed) Date Started: 12/3/09 14 ft. Date Completed: 12/3/09	
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to _____ ft. depth	
Formation Description		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. _____ ft. and _____ ft. Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No	
NOTE: MULTIPLE SCREENS USE SECOND SHEET			
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours			
13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield _____			
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.			
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____			
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.			
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____			
18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal			
19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A B C D (circle one) 171 Lott Ct, W.Columbia, 29169 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)			
5. REMARKS: Temporary Well B-7-GW			
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other			
Signed:  <small><Well Driller></small> Date: 12/26/09 If D Level Driller, provide supervising driller's name:			



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

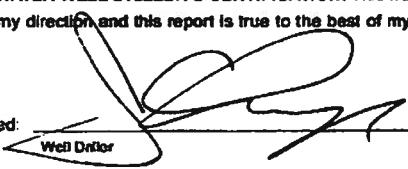
1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:			7. PERMIT NUMBER: #12741		
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Process <input type="checkbox"/> Emergency <input type="checkbox"/> Replacement		
9. WELL DEPTH (completed) 14 ft.			Date Started: 12/3/09 Date Completed: 12/3/09		
10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to ft. depth			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. _____ ft. and _____ ft. Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No			NOTE: MULTIPLE SCREENS USE SECOND SHEET		
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours					
13. PUMPING LEVEL Below Land Surface: ft. after hrs. Pumping G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:					
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.					
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____					
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other Depth: From _____ ft. to _____ ft.					
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____					
18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal					
19. WELL DRILLER: Jason Chiorazzi Address: (Print) 171 Lott Ct, W.Columbia, 29169 Telephone No.: 803-429-0001			CERT. NO.: 1790 Level: A B C D (circle one) <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.					
Signed: _____  Well Driller			Date: 12/26/09		
If D Level Driller, provide supervising driller's name: _____					
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other					



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		9. WELL DEPTH (completed) Date Started: 12/3/09 14 ft. Date Completed: 12/3/09
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to ft. depth
		Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS ____ ft. and ____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No
		12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours
		13. PUMPING LEVEL Below Land Surface. ft. after hrs. Pumping G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____
		18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A B C D (circle one) 171 Lott Ct, W.Columbia, 29169 Telephone No.: 803-429-3511 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
5. REMARKS: Temporary Well B-9-GW		Signed:  Date: 12/26/09 Well Driller
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other		If D Level Driller, provide supervising driller's name:



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449		7. PERMIT NUMBER: #12741	
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement	
Telephone: Work: Home: 3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		9. WELL DEPTH (completed) Date Started: 12/3/09 14 ft. Date Completed: 12/3/09	
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth _____ in. to _____ ft. depth	
		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS _____ ft. and _____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No	
		12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours	
		13. PUMPING LEVEL Below Land Surface. _____ ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____	
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____	
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.	
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____	
		18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal	
		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) _____ 171 Lott Ct, W.Columbia, 29169 Level: A B C D (circle one) <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
		Telephone No.: 803-429-3001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.	
5. REMARKS: Temporary Well B-10-GW		 Signed: _____ Date: 12/26/09 Wall Driller	
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input type="checkbox"/> Other		If D Level Driller, provide supervising driller's name: _____	



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

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741	
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement	
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		9. WELL DEPTH (completed) Date Started: 12/4/09 14 ft. Date Completed: 12/4/09	
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to ft. depth	
		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS ft. and ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No	
		12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours	
		13. PUMPING LEVEL Below Land Surface. ft. after hrs. Pumping G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:	
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from ft. to ft. Effective size Uniformity Coefficient	
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other Depth: From ft. to ft.	
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction Type Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: Amount:	
		18. PUMP: Date Installed: Not Installed <input checked="" type="checkbox"/> Mfr. Name: Model No.: H.P. Volts Length of drop pipe ft. Capacity gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal	
		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A B C D (circle one) 171 Lott Ct. W.Columbia, 29169	
		Telephone No.: 803-429-0001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.	
		Signed: <i>[Signature]</i> Date: 12/26/09 Well Driller	
		If D Level Driller, provide supervising driller's name:	
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other			



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

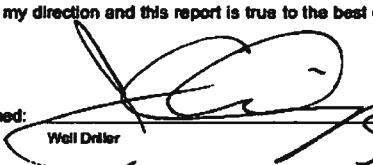
1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449			7. PERMIT NUMBER: #12741		
City: Sumter State: SC Zip: 29150-1449			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement		
Telephone: Work: Home:		9. WELL DEPTH (completed) Date Started: 12/4/09			Date Completed: 12/4/09
14 ft.					
2. LOCATION OF WELL: COUNTY: Sumter			10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5"		
Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000			Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth 0 in. to 0 ft. depth		
Latitude: Longitude:			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:			11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. ____ ft. and ____ ft. NOTE: MULTIPLE SCREENS Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No USE SECOND SHEET		
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours		
Grouted Depth: from 0 ft. to 14 ft.			13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____		
Formation Description			14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.		
			15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____		
			16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.		
			17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____		
			18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal		
			19. WELL DRILLER: Jason Chiorazzi CERT. NO.: I790 Address: (Print) _____ 171 Lott Ct, W.Columbia, 29169 Level: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D (circle one) <input checked="" type="checkbox"/>		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)			Telephone No.: 803-429-5001 Fax No.: _____		
5. REMARKS: Temporary Well B-12-GW			20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief. Signed: _____ Date: 12/26/09 Well Driller If D Level Driller, provide supervising driller's name: _____		
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input type="checkbox"/> Other					



Water Well Record

Bureau of Water

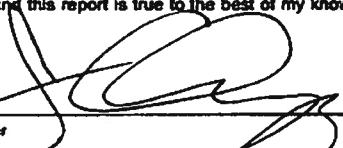
2600 Bull Street, Columbia, SC 29201-1708: (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449			7. PERMIT NUMBER: #12741		
City: Sumter State: SC Zip: 29150-1449			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Process <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Emergency <input type="checkbox"/> Other <input type="checkbox"/> Driven <input type="checkbox"/> Replacement		
Telephone: Work: Home:			9. WELL DEPTH (completed) Date Started: 12/4/09		
14 ft.			Date Completed: 12/4/09		
2. LOCATION OF WELL: COUNTY: Sumter			10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5"		
Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Latitude: Longitude:					
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:			11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS ____ ft. and ____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No		
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours		
Grouted Depth: from 0 ft. to 14 ft.			13. PUMPING LEVEL Below Land Surface. ft. after ____ hrs. Pumping ____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____		
Formation Description			*Thickness of Stratum	Depth to Bottom of Stratum	14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.
					15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____
					16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.
					17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____
					18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal
					19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) _____ 171 Lott Ct, W.Columbia, 29169 Level: A B C D (circle one) <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)			Telephone No.: 803-429-0001 Fax No.: _____		
5. REMARKS: Temporary Well B-13-GW			20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.		
			 Signed: _____ Date: 12/26/09 Well Driller		
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other			If D Level Driller, provide supervising driller's name: _____		



Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

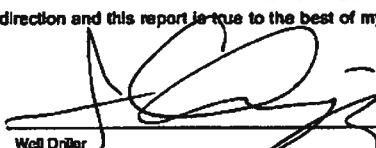
1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Public Supply <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Monitor Well <input type="checkbox"/> Process <input type="checkbox"/> Emergency <input type="checkbox"/> Replacement
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		9. WELL DEPTH (completed) Date Started: 12/4/09 14 ft. Data Completed: 12/4/09
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to ft. depth Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS ft. and ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No
		12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours
		13. PUMPING LEVEL Below Land Surface. ft. after hrs. Pumping G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from ft. to ft. Effective size _____ Uniformity Coefficient _____
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From ft. to ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____
		18. PUMP: Data installed: Not installed <input checked="" type="checkbox"/> Mfr. Name: Model No.: H.P. Volts Length of drop pipe ft. Capacity gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal
'Indicate Water Bearing Zones (Use a 2nd sheet if needed)		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A B C D (circle one) 171 Lott Ct, W.Columbia, 29169 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. REMARKS: Temporary Well B-14-GW		Telephone No.: 803-429-3001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief. Signed:  Well Driller Date: 12/26/09
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other		If D Level Driller, provide supervising driller's name:



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741	
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Public Supply <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Monitor Well <input type="checkbox"/> Process <input type="checkbox"/> Emergency <input type="checkbox"/> Replacement	
		9. WELL DEPTH (completed) Date Started: 12/4/09 14 ft. Date Completed: 12/4/09	
		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth _____ in. to _____ ft. depth	
		Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. NOTE: MULTIPLE SCREENS _____ ft. and _____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No	
4. ABANDONMENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grouted Depth: from 0 ft. to 14 ft.		12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours	
Formation Description *Thickness of Stratum Depth to Bottom of Stratum		13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:	
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____	
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.	
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____	
		18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal	
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) Level: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D (circle one) 171 Lott Ct, W.Columbia, 29169	
		Telephone No.: 803-429-3001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.	
		Signed:  Well Driller Date: 12/26/09	
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other		If D Level Driller, provide supervising driller's name:	



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

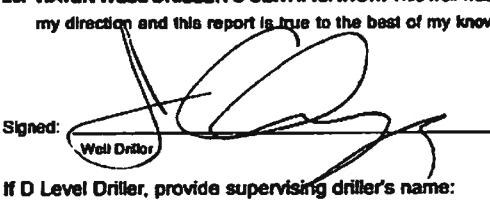
1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:			7. PERMIT NUMBER: #12741		
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:			8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement		
9. WELL DEPTH (completed) 14 ft.			Date Started: 12/4/09 Date Completed: 12/4/09		
10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth _____ in. to _____ ft. depth			Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. _____ ft. and _____ ft.			NOTE: MULTIPLE SCREENS USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No		
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours					
13. PUMPING LEVEL Below Land Surface. _____ ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____					
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.					
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____					
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.					
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____					
18. PUMP: Date installed: _____ Not installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal					
19. WELL DRILLER: Jason Chiorazzi Address: (Print) _____ 171 Lott Ct, W.Columbia, 29169 Telephone No.: 803-429-3011 Fax No.: _____			CERT. NO.: 1790 Level: A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D (circle one)		
20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.					
Signed:  Well Driller			Date: 12/26/09		
If D Level Driller, provide supervising driller's name:					
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input type="checkbox"/> Other					
5. REMARKS: Temporary Well B-16-GW					
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)					



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

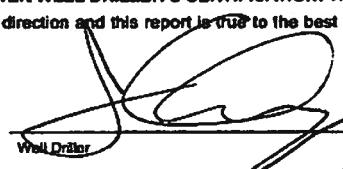
1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) _____ (first) _____ Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: _____ Home: _____		7. PERMIT NUMBER: #12741
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: _____ Longitude: _____		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Public Supply <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Monitor Well <input type="checkbox"/> Process <input type="checkbox"/> Emergency <input type="checkbox"/> Replacement
9. WELL DEPTH (completed) 14 ft.		Date Started: 12/4/09 Date Completed: 12/4/09
10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 10 ft. depth in. to _____ ft. depth		Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 10 ft. and 14 ft. ____ ft. and ____ ft. Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No		NOTE: MULTIPLE SCREENS USE SECOND SHEET
12. STATIC WATER LEVEL 9 ft. below land surface after 24 hours		13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____
14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____
16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____
18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mr. Name: _____ Model No.: _____ H.P. _____ Volts. _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal		19. WELL DRILLER: Jason Chiorazzi CERT. NO: 1790 Address: (Print) _____ Level: A B C D (circle one) 171 Lott Ct, W.Columbia, 29169 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		Telephone No.: 803-429-0001 Fax No.: _____
5. REMARKS: Temporary Well B-17-GW		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief. Signed: _____ Date: 12/26/09  If D Level Driller, provide supervising driller's name: _____
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other		



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: Home:		7. PERMIT NUMBER: #12741	
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000 Latitude: Longitude:		8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement	
		9. WELL DEPTH (completed) Date Started: 12/4/09 16 ft. Date Completed: 12/4/09	
		10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 12 ft. depth _____ in. to _____ ft. depth	
		11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 12 ft. and 16 ft. _____ ft. and _____ ft. Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No	
		12. STATIC WATER LEVEL 12 ft. below land surface after 24 hours	
		13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield:	
		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____	
		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.	
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____	
		18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts. _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal	
		19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) _____ Level: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D (circle one) 171 Lott Ct, W.Columbia, 29169	
		Telephone No.: 803-429-5001 Fax No.: 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.	
		Signed:  Date: 12/26/09 Well Driller	
5. REMARKS: Temporary Well B-18-GW		If D Level Driller, provide supervising driller's name:	
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input type="checkbox"/> Other			



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION: Name: Sumter Airport Commission (last) (first) Address: PO Box 1449 City: Sumter State: SC Zip: 29150-1449 Telephone: Work: _____ Home: _____		7. PERMIT NUMBER: #12741 8. USE: <input type="checkbox"/> Residential <input type="checkbox"/> Public Supply <input type="checkbox"/> Process <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Monitor Well <input type="checkbox"/> Replacement	
2. LOCATION OF WELL: COUNTY: Sumter Name: Sumter Municipal Airport Street Address: 2945 Airport Road City: Sumter Zip: 29150-0000		9. WELL DEPTH (completed) Date Started: 12/4/09 16 ft. Date Completed: 12/4/09	
10. CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded Diam.: 1.5" Type: <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other 0 in. to 12 ft. depth _____ in. to _____ ft. depth		Height: Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Surface _____ ft. Weight _____ lb./ft. Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
11. SCREEN: Type: SS Diam.: 1" Slot/Gauge: 0.010 Length: 4' Set Between: 12 ft. and 16 ft. NOTE: MULTIPLE SCREENS _____ ft. and _____ ft. USE SECOND SHEET Sieve Analysis <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No		12. STATIC WATER LEVEL 12 ft. below land surface after 24 hours	
13. PUMPING LEVEL Below Land Surface. ft. after _____ hrs. Pumping _____ G.P.M. Pumping Test: <input type="checkbox"/> Yes (please enclose) <input checked="" type="checkbox"/> No Yield: _____		14. WATER QUALITY Chemical Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Bacterial Analysis <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please enclose lab results.	
15. ARTIFICIAL FILTER (filter pack) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed from _____ ft. to _____ ft. Effective size _____ Uniformity Coefficient _____		16. WELL GROUTED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Bentonite/Cement <input type="checkbox"/> Other _____ Depth: From _____ ft. to _____ ft.	
17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. direction Type _____ Well Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type: _____ Amount: _____		18. PUMP: Date Installed: _____ Not Installed <input checked="" type="checkbox"/> Mfr. Name: _____ Model No.: _____ H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm TYPE: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet (shallow) <input type="checkbox"/> Turbine <input type="checkbox"/> Jet (deep) <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal	
19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790 Address: (Print) _____ Level: A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D (circle one) 171 Lott Ct, W.Columbia, 29169		Telephone No.: 803-429-3001 Fax No.: _____ 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.	
5. REMARKS: Temporary Well B-19-GW		Signed: _____ Date: 12/26/09  Well Driller If D Level Driller, provide supervising driller's name: _____	
6. TYPE: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Air Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Other			



Water Well Record

Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

APPENDIX B

LABORATORY ANALYTICAL RESULTS

December 17, 2009 3:33:54PM

Client: Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn: Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Nbr: SAP-1
P/O Nbr:
Date Received: 12/08/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
B-1-S	NSL0939-01	12/03/09 15:44
B-1-GW	NSL0939-02	12/03/09 15:55
B-2-S	NSL0939-03	12/03/09 14:03
B-2-GW	NSL0939-04	12/03/09 14:10
B-3-S	NSL0939-05	12/03/09 13:40
B-3-GW	NSL0939-06	12/03/09 14:00
B-4-S	NSL0939-07	12/03/09 11:11
B-4-GW	NSL0939-08	12/03/09 11:30
B-5-S	NSL0939-09	12/03/09 10:45
B-5-GW	NSL0939-10	12/03/09 11:00
B-6-S	NSL0939-11	12/03/09 10:14
B-6-GW	NSL0939-12	12/03/09 10:30
B-7-S	NSL0939-13	12/03/09 16:05
B-7-GW	NSL0939-14	12/03/09 16:15
B-8-S	NSL0939-15	12/03/09 14:50
B-8-GW	NSL0939-16	12/03/09 15:00
B-9-S	NSL0939-17	12/03/09 14:27
B-9-GW	NSL0939-18	12/03/09 14:40
B-10-S	NSL0939-19	12/03/09 15:18
B-10-GW	NSL0939-20	12/03/09 15:25
SAP-PW	NSL0939-21	12/03/09 16:40

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.

South Carolina Certification Number: 84009001

The Chain(s) of Custody, 5 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:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00



Cathy Gartner
Project Management

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-01 (B-1-S - Soil) Sampled: 12/03/09 15:44

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.0326	10	12/15/09 20:05	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
alpha-Chlordane	0.0197		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.658	10	12/15/09 20:05	SW846 8081A	jlf	9121733
4,4'-DDD	0.125		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
4,4'-DDE	0.0230		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
4,4'-DDT	0.0592		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Dieldrin	0.0592		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Endosulfan I	0.0625		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Endosulfan II	0.253		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Endrin	0.293		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Endrin aldehyde	0.201		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.0168	10	12/15/09 20:05	SW846 8081A	jlf	9121733
Methoxychlor	0.839		mg/kg	0.163	50	12/16/09 14:45	SW846 8081A	jlf	9121733
Toxaphene	7.23		mg/kg	0.658	10	12/15/09 13:37	SW846 8081A	jlf	9121733
Surr: Tetrachloro-meta-xylene (22-150%)	40 %					12/15/09 20:05	SW846 8081A	jlf	9121733
Surr: Decachlorobiphenyl (25-150%)	140 %					12/15/09 20:05	SW846 8081A	jlf	9121733

Sample ID: NSL0939-02 (B-1-GW - Ground Water) Sampled: 12/03/09 15:55

Organochlorine Pesticides by EPA Method 8081A

Aldrin	5.40	R10	ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
delta-BHC	3.80	R10	ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
alpha-BHC	3.60	R10	ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
beta-BHC	5.80		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
alpha-Chlordane	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
gamma-Chlordane	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Chlordane	ND		ug/L	60.0	20	12/14/09 15:59	SW846 8081A	jlf	9121739
4,4'-DDD	5.00		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
4,4'-DDE	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
4,4'-DDT	3.40		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Dieldrin	2.60		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Endosulfan I	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Endosulfan II	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Endrin	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Endrin aldehyde	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Endrin ketone	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Heptachlor	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND		ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-02 (B-1-GW - Ground Water) - cont. Sampled: 12/03/09 15:55

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	2.20	R10	ug/L	1.00	20	12/14/09 15:59	SW846 8081A	jlf	9121739
Toxaphene	142		ug/L	40.0	20	12/15/09 12:33	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	<i>1780 %</i>	<i>ZX</i>				<i>12/14/09 15:59</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>
<i>Surr: Decachlorobiphenyl (10-141%)</i>	<i>40 %</i>					<i>12/14/09 15:59</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>

Sample ID: NSL0939-03 (B-2-S - Soil) Sampled: 12/03/09 14:03

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.00323	1	12/14/09 23:55	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
alpha-Chlordane	0.00521		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.0652	1	12/14/09 23:55	SW846 8081A	jlf	9121733
4,4'-DDD	0.00489		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
4,4'-DDE	0.00782		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
4,4'-DDT	0.0228	R10	mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Dieldrin	0.00521		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Endosulfan II	0.0147		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Endrin aldehyde	0.00489	R10	mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00166	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Methoxychlor	0.0153		mg/kg	0.00323	1	12/14/09 23:55	SW846 8081A	jlf	9121733
Toxaphene	0.317		mg/kg	0.0652	1	12/15/09 11:29	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	<i>128 %</i>					<i>12/14/09 23:55</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>
<i>Surr: Decachlorobiphenyl (25-150%)</i>	<i>90 %</i>					<i>12/14/09 23:55</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0939-04 (B-2-GW - Ground Water) Sampled: 12/03/09 14:10									
Organochlorine Pesticides by EPA Method 8081A									
Aldrin	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
delta-BHC	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
alpha-BHC	5.00		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
beta-BHC	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
alpha-Chlordane	6.00		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
gamma-Chlordane	16.0		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Chlordane	ND		ug/L	300	100	12/14/09 14:56	SW846 8081A	jlf	9121739
4,4'-DDD	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
4,4'-DDE	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
4,4'-DDT	25.0	R1	ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Dieldrin	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Endosulfan I	11.0		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Endosulfan II	10.0		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Endrin	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Endrin aldehyde	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Endrin ketone	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Heptachlor	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Methoxychlor	ND		ug/L	5.00	100	12/14/09 14:56	SW846 8081A	jlf	9121739
Toxaphene	954		ug/L	200	100	12/15/09 12:49	SW846 8081A	jlf	9121739
Surr: Tetrachloro-meta-xylene (38-150%)	100 %					12/14/09 14:56	SW846 8081A	jlf	9121739
Surr: Decachlorobiphenyl (10-141%)	*	ZX				12/14/09 14:56	SW846 8081A	jlf	9121739

Sample ID: NSL0939-05 (B-3-S - Soil) Sampled: 12/03/09 13:40

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.00330	1	12/15/09 00:07	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.0666	1	12/15/09 00:07	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
4,4'-DDE	0.00466		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
4,4'-DDT	0.00499	R10	mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Dieldrin	0.00300		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Endosulfan II	0.00632		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Endosulfan sulfate	0.0123		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Endrin aldehyde	0.0233	R10	mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00170	1	12/15/09 00:07	SW846 8081A	jlf	9121733

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-05 (B-3-S - Soil) - cont. Sampled: 12/03/09 13:40

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	0.0163		mg/kg	0.00330	1	12/15/09 00:07	SW846 8081A	jlf	9121733
Toxaphene	0.398		mg/kg	0.0666	1	12/14/09 23:24	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	<i>94 %</i>					<i>12/15/09 00:07</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>
<i>Surr: Decachlorobiphenyl (25-150%)</i>	<i>82 %</i>					<i>12/15/09 00:07</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>

Sample ID: NSL0939-06 (B-3-GW - Ground Water) Sampled: 12/03/09 14:00

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
delta-BHC	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
alpha-BHC	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
beta-BHC	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
alpha-Chlordane	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
gamma-Chlordane	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Chlordane	ND	RL1	ug/L	150	50	12/14/09 15:09	SW846 8081A	jlf	9121739
4,4'-DDD	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
4,4'-DDE	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
4,4'-DDT	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Dieldrin	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Endosulfan I	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Endosulfan II	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Endrin	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Endrin aldehyde	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Endrin ketone	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Heptachlor	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Methoxychlor	ND	RL1	ug/L	2.50	50	12/14/09 15:09	SW846 8081A	jlf	9121739
Toxaphene	181		ug/L	20.0	10	12/15/09 13:53	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	<i>*</i>	<i>Z3</i>				<i>12/14/09 15:09</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>
<i>Surr: Decachlorobiphenyl (10-141%)</i>	<i>*</i>	<i>Z3</i>				<i>12/14/09 15:09</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-07 (B-4-S - Soil) Sampled: 12/03/09 11:11

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.00330	1	12/15/09 00:20	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.0666	1	12/15/09 00:20	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
4,4'-DDE	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
4,4'-DDT	0.00666		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Endosulfan II	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Endrin aldehyde	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00170	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Methoxychlor	ND		mg/kg	0.00330	1	12/15/09 00:20	SW846 8081A	jlf	9121733
Toxaphene	0.132		mg/kg	0.0666	1	12/14/09 23:40	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	76 %					12/15/09 00:20	SW846 8081A	jlf	9121733
<i>Surr: Decachlorobiphenyl (25-150%)</i>	54 %					12/15/09 00:20	SW846 8081A	jlf	9121733

Sample ID: NSL0939-08 (B-4-GW - Ground Water) Sampled: 12/03/09 11:30

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
delta-BHC	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
alpha-BHC	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
beta-BHC	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
alpha-Chlordane	0.100		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
gamma-Chlordane	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Chlordane	ND		ug/L	3.00	1	12/14/09 13:53	SW846 8081A	jlf	9121739
4,4'-DDD	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
4,4'-DDE	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
4,4'-DDT	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Dieldrin	0.280		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Endosulfan I	0.200		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Endosulfan II	0.860		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Endrin	0.910		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Endrin aldehyde	0.290		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Endrin ketone	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Heptachlor	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-08 (B-4-GW - Ground Water) - cont. Sampled: 12/03/09 11:30

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	ND		ug/L	0.0500	1	12/14/09 13:53	SW846 8081A	jlf	9121739
Toxaphene	20.0		ug/L	2.00	1	12/14/09 21:47	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	95 %					12/14/09 13:53	SW846 8081A	jlf	9121739
<i>Surr: Decachlorobiphenyl (10-141%)</i>	105 %					12/14/09 13:53	SW846 8081A	jlf	9121739

Sample ID: NSL0939-09 (B-5-S - Soil) Sampled: 12/03/09 10:45

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.00324	1	12/15/09 00:32	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.0656	1	12/15/09 00:32	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
4,4'-DDE	0.00819		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
4,4'-DDT	0.0164	R10	mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Endosulfan II	0.00361		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Endrin aldehyde	0.00295		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00167	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Methoxychlor	ND		mg/kg	0.00324	1	12/15/09 00:32	SW846 8081A	jlf	9121733
Toxaphene	0.211		mg/kg	0.0656	1	12/14/09 23:56	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	108 %					12/15/09 00:32	SW846 8081A	jlf	9121733
<i>Surr: Decachlorobiphenyl (25-150%)</i>	88 %					12/15/09 00:32	SW846 8081A	jlf	9121733

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-10 (B-5-GW - Ground Water) Sampled: 12/03/09 11:00

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
delta-BHC	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
alpha-BHC	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
beta-BHC	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
alpha-Chlordane	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
gamma-Chlordane	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Chlordane	ND		ug/L	3.00	1	12/14/09 14:18	SW846 8081A	jlf	9121739
4,4'-DDD	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
4,4'-DDE	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
4,4'-DDT	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Dieldrin	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Endosulfan I	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Endosulfan II	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Endrin	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Endrin aldehyde	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Endrin ketone	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Heptachlor	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Methoxychlor	ND		ug/L	0.0500	1	12/14/09 14:18	SW846 8081A	jlf	9121739
Toxaphene	ND		ug/L	2.00	1	12/14/09 14:18	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	79 %					12/14/09 14:18	SW846 8081A	jlf	9121739
<i>Surr: Decachlorobiphenyl (10-141%)</i>	59 %					12/14/09 14:18	SW846 8081A	jlf	9121739

Sample ID: NSL0939-11 (B-6-S - Soil) Sampled: 12/03/09 10:14

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.00328	1	12/15/09 00:45	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.0664	1	12/15/09 00:45	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
4,4'-DDE	0.00232	R10	mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
4,4'-DDT	0.00299	R10	mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Endosulfan II	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Endrin aldehyde	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00169	1	12/15/09 00:45	SW846 8081A	jlf	9121733

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-11 (B-6-S - Soil) - cont. Sampled: 12/03/09 10:14

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	ND	mg/kg	0.00328	1	12/15/09 00:45	SW846 8081A	jlf	9121733
Toxaphene	0.192	mg/kg	0.0664	1	12/15/09 00:12	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	<i>116 %</i>				<i>12/15/09 00:45</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>
<i>Surr: Decachlorobiphenyl (25-150%)</i>	<i>86 %</i>				<i>12/15/09 00:45</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>

Sample ID: NSL0939-12 (B-6-GW - Ground Water) Sampled: 12/03/09 10:30

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
delta-BHC	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
alpha-BHC	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
beta-BHC	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
alpha-Chlordane	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
gamma-Chlordane	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Chlordane	ND	ug/L	3.00	1	12/12/09 16:40	SW846 8081A	jlf	9121739
4,4'-DDD	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
4,4'-DDE	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
4,4'-DDT	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Dieldrin	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Endosulfan I	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Endosulfan II	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Endrin	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Endrin aldehyde	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Endrin ketone	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Heptachlor	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Methoxychlor	ND	ug/L	0.0500	1	12/12/09 16:40	SW846 8081A	jlf	9121739
Toxaphene	ND	ug/L	2.00	1	12/12/09 16:40	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	<i>72 %</i>				<i>12/12/09 16:40</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>
<i>Surr: Decachlorobiphenyl (10-141%)</i>	<i>45 %</i>				<i>12/12/09 16:40</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-13 (B-7-S - Soil) Sampled: 12/03/09 16:05

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.321	100	12/15/09 20:18	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
alpha-Chlordane	0.972		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
gamma-Chlordane	1.23		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	6.49	100	12/15/09 20:18	SW846 8081A	jlf	9121733
4,4'-DDD	5.51		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
4,4'-DDE	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
4,4'-DDT	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Endosulfan II	9.72		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Endrin aldehyde	9.08		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	1.65	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
Heptachlor epoxide	0.713		mg/kg	0.165	100	12/15/09 20:18	SW846 8081A	jlf	9121733
Methoxychlor	33.7		mg/kg	3.21	1000	12/16/09 11:33	SW846 8081A	jlf	9121733
Toxaphene	342		mg/kg	32.4	500	12/17/09 12:18	SW846 8081A	jlf	9121733
Surr: Tetrachloro-meta-xylene (22-150%)	*	Z3				12/15/09 20:18	SW846 8081A	jlf	9121733
Surr: Decachlorobiphenyl (25-150%)	*	Z3				12/15/09 20:18	SW846 8081A	jlf	9121733

Sample ID: NSL0939-14 (B-7-GW - Ground Water) Sampled: 12/03/09 16:15

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
delta-BHC	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
alpha-BHC	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
beta-BHC	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
alpha-Chlordane	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
gamma-Chlordane	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Chlordane	ND	RL1	ug/L	150	50	12/14/09 15:21	SW846 8081A	jlf	9121739
4,4'-DDD	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
4,4'-DDE	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
4,4'-DDT	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Dieldrin	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Endosulfan I	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Endosulfan II	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Endrin	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Endrin aldehyde	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Endrin ketone	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Heptachlor	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-14 (B-7-GW - Ground Water) - cont. Sampled: 12/03/09 16:15

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	ND	RL1	ug/L	2.50	50	12/14/09 15:21	SW846 8081A	jlf	9121739
Toxaphene	213		ug/L	20.0	10	12/15/09 13:21	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	*	Z3				12/14/09 15:21	SW846 8081A	jlf	9121739
<i>Surr: Decachlorobiphenyl (10-141%)</i>	*	Z3				12/14/09 15:21	SW846 8081A	jlf	9121739

Sample ID: NSL0939-15 (B-8-S - Soil) Sampled: 12/03/09 14:50

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.0325	10	12/15/09 20:30	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.657	10	12/15/09 20:30	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
4,4'-DDE	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
4,4'-DDT	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Endosulfan II	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Endrin aldehyde	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.0167	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Methoxychlor	0.0821		mg/kg	0.0325	10	12/15/09 20:30	SW846 8081A	jlf	9121733
Toxaphene	0.744		mg/kg	0.0657	1	12/15/09 11:45	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	60 %					12/15/09 20:30	SW846 8081A	jlf	9121733
<i>Surr: Decachlorobiphenyl (25-150%)</i>	60 %					12/15/09 20:30	SW846 8081A	jlf	9121733

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-16 (B-8-GW - Ground Water) Sampled: 12/03/09 15:00

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
delta-BHC	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
alpha-BHC	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
beta-BHC	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
alpha-Chlordane	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
gamma-Chlordane	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Chlordane	ND		ug/L	3.00	1	12/14/09 14:06	SW846 8081A	jlf	9121739
4,4'-DDD	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
4,4'-DDE	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
4,4'-DDT	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Dieldrin	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Endosulfan I	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Endosulfan II	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Endrin	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Endrin aldehyde	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Endrin ketone	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Heptachlor	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Methoxychlor	ND		ug/L	0.0500	1	12/14/09 14:06	SW846 8081A	jlf	9121739
Toxaphene	4.07		ug/L	2.00	1	12/14/09 22:03	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	72 %					12/14/09 14:06	SW846 8081A	jlf	9121739
<i>Surr: Decachlorobiphenyl (10-141%)</i>	71 %					12/14/09 14:06	SW846 8081A	jlf	9121739

Sample ID: NSL0939-17 (B-9-S - Soil) Sampled: 12/03/09 14:27

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.0162	5	12/15/09 20:43	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.327	5	12/15/09 20:43	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
4,4'-DDE	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
4,4'-DDT	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Endosulfan II	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Endrin aldehyde	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00833	5	12/15/09 20:43	SW846 8081A	jlf	9121733

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-17 (B-9-S - Soil) - cont. Sampled: 12/03/09 14:27

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	0.0392		mg/kg	0.0162	5	12/15/09 20:43	SW846 8081A	jlf	9121733
Toxaphene	0.426		mg/kg	0.0654	1	12/15/09 12:01	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	<i>130 %</i>					<i>12/15/09 20:43</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>
<i>Surr: Decachlorobiphenyl (25-150%)</i>	<i>70 %</i>					<i>12/15/09 20:43</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>

Sample ID: NSL0939-18 (B-9-GW - Ground Water) Sampled: 12/03/09 14:40

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
delta-BHC	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
alpha-BHC	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
beta-BHC	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
alpha-Chlordane	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
gamma-Chlordane	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Chlordane	ND	RL1	ug/L	30.0	10	12/14/09 15:34	SW846 8081A	jlf	9121739
4,4'-DDD	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
4,4'-DDE	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
4,4'-DDT	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Dieldrin	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Endosulfan I	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Endosulfan II	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Endrin	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Endrin aldehyde	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Endrin ketone	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Heptachlor	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Methoxychlor	ND	RL1	ug/L	0.500	10	12/14/09 15:34	SW846 8081A	jlf	9121739
Toxaphene	16.3		ug/L	2.00	1	12/15/09 11:13	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	<i>50 %</i>					<i>12/14/09 15:34</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>
<i>Surr: Decachlorobiphenyl (10-141%)</i>	<i>50 %</i>					<i>12/14/09 15:34</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121739</i>

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-19 (B-10-S - Soil) Sampled: 12/03/09 15:18

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
delta-BHC	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
alpha-BHC	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
beta-BHC	ND		mg/kg	0.00328	1	12/15/09 01:35	SW846 8081A	jlf	9121733
gamma-BHC (Lindane)	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
alpha-Chlordane	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
gamma-Chlordane	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Chlordane	ND		mg/kg	0.0663	1	12/15/09 01:35	SW846 8081A	jlf	9121733
4,4'-DDD	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
4,4'-DDE	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
4,4'-DDT	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Dieldrin	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Endosulfan I	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Endosulfan II	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Endosulfan sulfate	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Endrin	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Endrin aldehyde	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Endrin ketone	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Heptachlor	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Heptachlor epoxide	ND		mg/kg	0.00169	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Methoxychlor	ND		mg/kg	0.00328	1	12/15/09 01:35	SW846 8081A	jlf	9121733
Toxaphene	0.178		mg/kg	0.0663	1	12/15/09 12:17	SW846 8081A	jlf	9121733
<i>Surr: Tetrachloro-meta-xylene (22-150%)</i>	<i>128 %</i>					<i>12/15/09 01:35</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>
<i>Surr: Decachlorobiphenyl (25-150%)</i>	<i>80 %</i>					<i>12/15/09 01:35</i>	<i>SW846 8081A</i>	<i>jlf</i>	<i>9121733</i>

Sample ID: NSL0939-20 (B-10-GW - Ground Water) Sampled: 12/03/09 15:25

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
delta-BHC	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
alpha-BHC	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
beta-BHC	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
alpha-Chlordane	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
gamma-Chlordane	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Chlordane	ND	RL1	ug/L	15.0	5	12/14/09 15:46	SW846 8081A	jlf	9121739
4,4'-DDD	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
4,4'-DDE	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
4,4'-DDT	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Dieldrin	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Endosulfan I	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Endosulfan II	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Endrin	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Endrin aldehyde	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Endrin ketone	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Heptachlor	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0939-20 (B-10-GW - Ground Water) - cont. Sampled: 12/03/09 15:25

Organochlorine Pesticides by EPA Method 8081A - cont.

Methoxychlor	ND	RL1	ug/L	0.250	5	12/14/09 15:46	SW846 8081A	jlf	9121739
Toxaphene	9.08		ug/L	2.00	1	12/15/09 10:57	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	80 %					12/14/09 15:46	SW846 8081A	jlf	9121739
<i>Surr: Decachlorobiphenyl (10-141%)</i>	65 %					12/14/09 15:46	SW846 8081A	jlf	9121739

Sample ID: NSL0939-21 (SAP-PW - Ground Water) Sampled: 12/03/09 16:40

Organochlorine Pesticides by EPA Method 8081A

Aldrin	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
delta-BHC	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
alpha-BHC	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
beta-BHC	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
gamma-BHC (Lindane)	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
alpha-Chlordane	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
gamma-Chlordane	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Chlordane	ND		ug/L	3.00	1	12/12/09 17:43	SW846 8081A	jlf	9121739
4,4'-DDD	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
4,4'-DDE	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
4,4'-DDT	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Dieldrin	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Endosulfan I	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Endosulfan II	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Endosulfan sulfate	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Endrin	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Endrin aldehyde	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Endrin ketone	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Heptachlor	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Heptachlor epoxide	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Methoxychlor	ND		ug/L	0.0500	1	12/12/09 17:43	SW846 8081A	jlf	9121739
Toxaphene	ND		ug/L	2.00	1	12/12/09 17:43	SW846 8081A	jlf	9121739
<i>Surr: Tetrachloro-meta-xylene (38-150%)</i>	73 %					12/12/09 17:43	SW846 8081A	jlf	9121739
<i>Surr: Decachlorobiphenyl (10-141%)</i>	61 %					12/12/09 17:43	SW846 8081A	jlf	9121739

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Organochlorine Pesticides by EPA Method 8081A							
SW846 8081A	9121733	NSL0939-01	30.41	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-01RE1	30.41	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-01RE2	30.41	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-01RE3	30.41	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-01RE4	30.41	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-02	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-02RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-02RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-02RE3	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-02RE4	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-03	30.69	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-03RE1	30.69	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-03RE2	30.69	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-04	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-04RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-04RE3	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-04RE4	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-04RE5	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-05	30.04	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-05RE1	30.04	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-06	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-06RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-06RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-06RE3	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-07	30.04	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-07RE1	30.04	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-08	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-08RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-08RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-09	30.51	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-09RE1	30.51	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-10	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-10RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-11	30.15	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-11RE1	30.15	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-12	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-13	30.85	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-13RE1	30.85	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-13RE2	30.85	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-13RE3	30.85	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-13RE4	30.85	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-13RE5	30.85	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-14	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-14RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C

Client	Emerald, Inc. (8583)	Work Order:	NSL0939
	P. O. Box 3050	Project Name:	Emerald, Inc.
	Sumter, SC 29151	Project Number:	SAP-1
Attn	Robbin Brown	Received:	12/08/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8081A	9121739	NSL0939-14RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-14RE3	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-15	30.46	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-15RE1	30.46	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-15RE2	30.46	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-15RE3	30.46	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-16	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-16RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-16RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-17	30.61	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-17RE1	30.61	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-17RE2	30.61	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-17RE3	30.61	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-18	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-18RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-18RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-18RE3	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121733	NSL0939-19	30.18	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-19RE1	30.18	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121733	NSL0939-19RE2	30.18	10.00	12/11/09 15:20	AJF	EPA 3550B
SW846 8081A	9121739	NSL0939-20	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-20RE1	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-20RE2	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-20RE3	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C
SW846 8081A	9121739	NSL0939-21	500.00	5.00	12/10/09 11:24	JJR	EPA 3510C

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Organochlorine Pesticides by EPA Method 8081A						
9121733-BLK1						
Aldrin	<0.000500		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
delta-BHC	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
alpha-BHC	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
beta-BHC	<0.00110		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
gamma-BHC (Lindane)	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
alpha-Chlordane	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
gamma-Chlordane	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Chlordane	<0.0167		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
4,4'-DDD	<0.000600		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
4,4'-DDE	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
4,4'-DDT	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Dieldrin	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Endosulfan I	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Endosulfan II	<0.000500		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Endosulfan sulfate	<0.000400		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Endrin	<0.000500		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Endrin aldehyde	<0.000800		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Endrin ketone	<0.000700		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Heptachlor	<0.000500		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Heptachlor epoxide	<0.000500		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Methoxychlor	<0.000600		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Toxaphene	<0.0167		mg/kg	9121733	9121733-BLK1	12/14/09 22:40
Surrogate: Tetrachloro-meta-xylene	94%			9121733	9121733-BLK1	12/14/09 22:40
Surrogate: Decachlorobiphenyl	102%			9121733	9121733-BLK1	12/14/09 22:40

9121739-BLK1						
Aldrin	<0.0100		ug/L	9121739	9121739-BLK1	12/12/09 13:57
delta-BHC	<0.00900		ug/L	9121739	9121739-BLK1	12/12/09 13:57
alpha-BHC	<0.0130		ug/L	9121739	9121739-BLK1	12/12/09 13:57
beta-BHC	<0.0220		ug/L	9121739	9121739-BLK1	12/12/09 13:57
gamma-BHC (Lindane)	<0.0320		ug/L	9121739	9121739-BLK1	12/12/09 13:57
alpha-Chlordane	<0.0130		ug/L	9121739	9121739-BLK1	12/12/09 13:57
gamma-Chlordane	<0.0270		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Chlordane	<0.300		ug/L	9121739	9121739-BLK1	12/12/09 13:57
4,4'-DDD	<0.0160		ug/L	9121739	9121739-BLK1	12/12/09 13:57
4,4'-DDE	<0.00900		ug/L	9121739	9121739-BLK1	12/12/09 13:57
4,4'-DDT	<0.0110		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Dieldrin	<0.0250		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Endosulfan I	<0.0100		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Endosulfan II	<0.0140		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Endosulfan sulfate	<0.0150		ug/L	9121739	9121739-BLK1	12/12/09 13:57

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Organochlorine Pesticides by EPA Method 8081A						
9121739-BLK1						
Endrin	<0.0210		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Endrin aldehyde	<0.0160		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Endrin ketone	<0.0120		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Heptachlor	<0.0120		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Heptachlor epoxide	<0.0230		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Methoxychlor	<0.0210		ug/L	9121739	9121739-BLK1	12/12/09 13:57
Toxaphene	<0.500		ug/L	9121739	9121739-BLK1	12/12/09 13:57
<i>Surrogate: Tetrachloro-meta-xylene</i>	79%			9121739	9121739-BLK1	12/12/09 13:57
<i>Surrogate: Decachlorobiphenyl</i>	81%			9121739	9121739-BLK1	12/12/09 13:57

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Organochlorine Pesticides by EPA Method 8081A								
9121733-BS1								
Aldrin	0.0167	0.0133		mg/kg	80%	43 - 150	9121733	12/14/09 22:52
delta-BHC	0.0167	0.0130		mg/kg	78%	34 - 147	9121733	12/14/09 22:52
alpha-BHC	0.0167	0.0120		mg/kg	72%	47 - 142	9121733	12/14/09 22:52
beta-BHC	0.0167	0.0133		mg/kg	80%	52 - 148	9121733	12/14/09 22:52
gamma-BHC (Lindane)	0.0167	0.0130		mg/kg	78%	53 - 142	9121733	12/14/09 22:52
alpha-Chlordane	0.0167	0.0133		mg/kg	80%	50 - 148	9121733	12/14/09 22:52
gamma-Chlordane	0.0167	0.0133		mg/kg	80%	46 - 150	9121733	12/14/09 22:52
4,4'-DDD	0.0167	0.0147		mg/kg	88%	47 - 150	9121733	12/14/09 22:52
4,4'-DDE	0.0167	0.0133		mg/kg	80%	42 - 150	9121733	12/14/09 22:52
4,4'-DDT	0.0167	0.0123		mg/kg	74%	38 - 150	9121733	12/14/09 22:52
Dieldrin	0.0167	0.0130		mg/kg	78%	53 - 142	9121733	12/14/09 22:52
Endosulfan I	0.0167	0.0123		mg/kg	74%	50 - 143	9121733	12/14/09 22:52
Endosulfan II	0.0167	0.0123		mg/kg	74%	51 - 150	9121733	12/14/09 22:52
Endosulfan sulfate	0.0167	0.0143		mg/kg	86%	49 - 143	9121733	12/14/09 22:52
Endrin	0.0167	0.0183		mg/kg	110%	49 - 150	9121733	12/14/09 22:52
Endrin aldehyde	0.0167	0.0137		mg/kg	82%	40 - 150	9121733	12/14/09 22:52
Endrin ketone	0.0167	0.0127		mg/kg	76%	55 - 139	9121733	12/14/09 22:52
Heptachlor	0.0167	0.0137		mg/kg	82%	49 - 149	9121733	12/14/09 22:52
Heptachlor epoxide	0.0167	0.0130		mg/kg	78%	53 - 150	9121733	12/14/09 22:52
Methoxychlor	0.0167	0.0153		mg/kg	92%	43 - 144	9121733	12/14/09 22:52
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0137			82%	22 - 150	9121733	12/14/09 22:52
Surrogate: Decachlorobiphenyl	0.0167	0.0163			98%	25 - 150	9121733	12/14/09 22:52
9121733-BS2								
Chlordane	0.167	0.195		mg/kg	117%	59 - 150	9121733	12/14/09 23:05
Toxaphene	0.333	0.312		mg/kg	94%	18 - 150	9121733	12/14/09 23:05
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0137			82%	22 - 150	9121733	12/14/09 23:05
Surrogate: Decachlorobiphenyl	0.0167	0.0157			94%	25 - 150	9121733	12/14/09 23:05
9121739-BS1								
Aldrin	1.00	0.570		ug/L	57%	35 - 135	9121739	12/12/09 14:09
delta-BHC	1.00	0.670		ug/L	67%	40 - 138	9121739	12/12/09 14:09
alpha-BHC	1.00	0.620		ug/L	62%	50 - 136	9121739	12/12/09 14:09
beta-BHC	1.00	0.680		ug/L	68%	49 - 136	9121739	12/12/09 14:09
gamma-BHC (Lindane)	1.00	0.670		ug/L	67%	49 - 141	9121739	12/12/09 14:09
alpha-Chlordane	1.00	0.650		ug/L	65%	43 - 137	9121739	12/12/09 14:09
gamma-Chlordane	1.00	0.630		ug/L	63%	44 - 134	9121739	12/12/09 14:09
4,4'-DDD	1.00	0.680		ug/L	68%	41 - 150	9121739	12/12/09 14:09
4,4'-DDE	1.00	0.650		ug/L	65%	40 - 144	9121739	12/12/09 14:09
4,4'-DDT	1.00	0.670		ug/L	67%	43 - 138	9121739	12/12/09 14:09
Dieldrin	1.00	0.640		ug/L	64%	48 - 142	9121739	12/12/09 14:09

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Organochlorine Pesticides by EPA Method 8081A								
9121739-BS1								
Endosulfan I	1.00	0.620		ug/L	62%	46 - 139	9121739	12/12/09 14:09
Endosulfan II	1.00	0.620		ug/L	62%	48 - 141	9121739	12/12/09 14:09
Endosulfan sulfate	1.00	0.680		ug/L	68%	40 - 146	9121739	12/12/09 14:09
Endrin	1.00	0.960		ug/L	96%	48 - 149	9121739	12/12/09 14:09
Endrin aldehyde	1.00	0.650		ug/L	65%	30 - 150	9121739	12/12/09 14:09
Endrin ketone	1.00	0.590		ug/L	59%	48 - 140	9121739	12/12/09 14:09
Heptachlor	1.00	0.660		ug/L	66%	32 - 137	9121739	12/12/09 14:09
Heptachlor epoxide	1.00	0.660		ug/L	66%	47 - 141	9121739	12/12/09 14:09
Methoxychlor	1.00	0.800		ug/L	80%	44 - 139	9121739	12/12/09 14:09
<i>Surrogate: Tetrachloro-meta-xylene</i>	1.00	0.720			72%	38 - 150	9121739	12/12/09 14:09
<i>Surrogate: Decachlorobiphenyl</i>	1.00	0.660			66%	10 - 141	9121739	12/12/09 14:09
9121739-BS2								
Chlordane	10.0	11.0		ug/L	109%	56 - 152	9121739	12/12/09 14:22
Toxaphene	20.0	18.6		ug/L	93%	32 - 140	9121739	12/12/09 14:22
<i>Surrogate: Tetrachloro-meta-xylene</i>	1.00	0.880			88%	38 - 150	9121739	12/12/09 14:22
<i>Surrogate: Decachlorobiphenyl</i>	1.00	0.750			75%	10 - 141	9121739	12/12/09 14:22

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	South Carolina
SW846 8081A	Soil	N/A	X	
SW846 8081A	Water	N/A	X	

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0939
Project Name: Emerald, Inc.
Project Number: SAP-1
Received: 12/08/09 08:00

DATA QUALIFIERS AND DEFINITIONS

- R1** The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
- R10** The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the lower value was reported due to apparent chromatographic problems.
- RL1** Reporting limit raised due to sample matrix effects.
- Z3** The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



COOLER REC

NSL0939

Cooler Received/Opened On: 12/8/2009 @ 8:00

1. Tracking # 9949 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 0.1 Degrees Celsius3. 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: 2 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 If multiple coolers, sequence # I certify that I unloaded the cooler and answered questions 7-14 (initial) (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...NA (initial)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...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) (initial)I certify that I attached a label with the unique LIMS number to each container (initial) (initial)21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

COOLER RECEIPT FORM

Cooler Received/Opened On 12/08/2009 @ 0800

1. Tracking # 9938 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 0.4 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? 2 NO 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 V

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? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (initial) _____ W

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) _____ W

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) _____ W

I certify that I attached a label with the unique LIMS number to each container (initial) _____ W

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

COOLER RECEIPT FORM

Cooler Received/Opened On: 12/8/2009 @ 8:00

1. Tracking # 6679 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 12 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: 2 front

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? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (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 #

December 17, 2009 1:59:06PM

Client: Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn: Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Nbr: [none]
P/O Nbr:
Date Received: 12/08/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
B-11-S	NSL0913-01	12/04/09 08:49
B-11-GW	NSL0913-02	12/04/09 08:55
B-12-S	NSL0913-03	12/04/09 09:06
B-12-GW	NSL0913-04	12/04/09 09:15
B-13-S	NSL0913-05	12/04/09 09:30
B-13-GW	NSL0913-06	12/04/09 09:40
B-14-S	NSL0913-07	12/04/09 09:50
B-14-GW	NSL0913-08	12/04/09 10:06
B-15-S	NSL0913-09	12/04/09 10:22
B-15-GW	NSL0913-10	12/04/09 10:30

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.

South Carolina Certification Number: 84009001

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 Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-01 (B-11-S - Soil) Sampled: 12/04/09 08:49									
General Chemistry Parameters									
% Dry Solids	80.6		%	0.500	0.500	1	12/15/09 08:46	SW-846	9122489
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND	RL1	mg/kg dry	0.574	1.15	50	12/14/09 02:23	SW846 8260B	9121711
Benzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Bromobenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Bromoform	ND	RL1	mg/kg dry	0.0234	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Bromochloromethane	ND	RL1	mg/kg dry	0.00918	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Bromodichloromethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Bromoform	ND	RL1	mg/kg dry	0.0147	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Bromomethane	ND	RL1	mg/kg dry	0.390	1.15	50	12/14/09 02:23	SW846 8260B	9121711
2-Butanone	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
sec-Butylbenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
n-Butylbenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
tert-Butylbenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Carbon disulfide	ND	RL1	mg/kg dry	0.0154	0.115	50	12/14/09 02:23	SW846 8260B	9121711
Carbon Tetrachloride	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Chlorobenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Chlorodibromomethane	ND	RL1	mg/kg dry	0.00872	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Chloroethane	ND	RL1	mg/kg dry	0.00964	0.115	50	12/14/09 02:23	SW846 8260B	9121711
Chloroform	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Chloromethane	ND	RL1	mg/kg dry	0.0230	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
2-Chlorotoluene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
4-Chlorotoluene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2-Dibromo-3-chloropropane	ND	RL1	mg/kg dry	0.0781	0.115	50	12/14/09 02:23	SW846 8260B	9121711
1,2-Dibromoethane (EDB)	ND	RL1	mg/kg dry	0.0119	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Dibromomethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,4-Dichlorobenzene	ND	RL1	mg/kg dry	0.0165	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,3-Dichlorobenzene	ND	RL1	mg/kg dry	0.00987	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2-Dichlorobenzene	ND	RL1	mg/kg dry	0.00987	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Dichlorodifluoromethane	ND	RL1	mg/kg dry	0.0367	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,1-Dichloroethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2-Dichloroethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
cis-1,2-Dichloroethene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,1-Dichloroethene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
trans-1,2-Dichloroethene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,3-Dichloropropane	ND	RL1	mg/kg dry	0.0103	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2-Dichloropropane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
2,2-Dichloropropane	ND	RL1	mg/kg dry	0.0179	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
cis-1,3-Dichloropropene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
trans-1,3-Dichloropropene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,1-Dichloropropene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Ethylbenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Hexachlorobutadiene	ND	RL1	mg/kg dry	0.0145	0.115	50	12/14/09 02:23	SW846 8260B	9121711
2-Hexanone	ND	RL1	mg/kg dry	0.390	1.15	50	12/14/09 02:23	SW846 8260B	9121711
Isopropylbenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
p-Isopropyltoluene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Methyl tert-Butyl Ether	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Methylene Chloride	ND	RL1	mg/kg dry	0.0459	0.230	50	12/14/09 02:23	SW846 8260B	9121711

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-01 (B-11-S - Soil) - cont. Sampled: 12/04/09 08:49									
Volatile Organic Compounds by EPA Method 8260B - cont.									
4-Methyl-2-pentanone	ND	RL1	mg/kg dry	0.0666	1.15	50	12/14/09 02:23	SW846 8260B	9121711
Naphthalene	ND	RL1	mg/kg dry	0.0390	0.115	50	12/14/09 02:23	SW846 8260B	9121711
n-Propylbenzene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Styrene	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,1,1,2-Tetrachloroethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,1,2,2-Tetrachloroethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Tetrachloroethene	ND	RL1	mg/kg dry	0.00918	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Toluene	ND	RL1	mg/kg dry	0.00918	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2,3-Trichlorobenzene	ND	RL1	mg/kg dry	0.0211	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2,4-Trichlorobenzene	ND	RL1	mg/kg dry	0.0234	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,1,2-Trichloroethane	ND	RL1	mg/kg dry	0.0255	0.115	50	12/14/09 02:23	SW846 8260B	9121711
1,1,1-Trichloroethane	ND	RL1	mg/kg dry	0.00918	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Trichloroethene	ND	RL1	mg/kg dry	0.0191	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Trichlorofluoromethane	ND	RL1	mg/kg dry	0.0154	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2,3-Trichloropropane	ND	RL1	mg/kg dry	0.0236	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,3,5-Trimethylbenzene	ND	RL1	mg/kg dry	0.00918	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
1,2,4-Trimethylbenzene	ND	RL1	mg/kg dry	0.00964	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Vinyl chloride	ND	RL1	mg/kg dry	0.0188	0.0459	50	12/14/09 02:23	SW846 8260B	9121711
Xylenes, total	ND	RL1	mg/kg dry	0.0298	0.115	50	12/14/09 02:23	SW846 8260B	9121711
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	114 %					50	12/14/09 02:23	SW846 8260B	9121711
<i>Surr: Dibromofluoromethane (75-125%)</i>	105 %					50	12/14/09 02:23	SW846 8260B	9121711
<i>Surr: Toluene-d8 (76-129%)</i>	114 %					50	12/14/09 02:23	SW846 8260B	9121711
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	110 %					50	12/14/09 02:23	SW846 8260B	9121711

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-02 (B-11-GW - Ground Water) Sampled: 12/04/09 08:55									
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND		ug/L	25.0	50.0	1	12/10/09 00:34	SW846 8260B	9121616
Benzene	3.97		ug/L	0.410	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Bromobenzene	ND		ug/L	0.360	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Bromo(chloromethane	ND		ug/L	0.470	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Bromodichloromethane	ND		ug/L	0.270	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Bromoform	ND		ug/L	0.430	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Bromomethane	ND		ug/L	0.300	1.00	1	12/10/09 00:34	SW846 8260B	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/10/09 00:34	SW846 8260B	9121616
sec-Butylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 00:34	SW846 8260B	9121616
n-Butylbenzene	ND		ug/L	0.310	1.00	1	12/10/09 00:34	SW846 8260B	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Chlorobenzene	1.01		ug/L	0.220	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Chloromethane	ND		ug/L	0.390	1.00	1	12/10/09 00:34	SW846 8260B	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 00:34	SW846 8260B	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2-Dibromoethane (EDB)	1.77		ug/L	0.460	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,3-Dichlorobenzene	0.810	J	ug/L	0.320	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/10/09 00:34	SW846 8260B	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/10/09 00:34	SW846 8260B	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/10/09 00:34	SW846 8260B	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/10/09 00:34	SW846 8260B	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 00:34	SW846 8260B	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/10/09 00:34	SW846 8260B	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/10/09 00:34	SW846 8260B	9121616
Isopropylbenzene	1.02		ug/L	0.400	1.00	1	12/10/09 00:34	SW846 8260B	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Methyl tert-Butyl Ether	1.74		ug/L	0.320	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/10/09 00:34	SW846 8260B	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/10/09 00:34	SW846 8260B	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/10/09 00:34	SW846 8260B	9121616
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/10/09 00:34	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-02 (B-11-GW - Ground Water) - cont. Sampled: 12/04/09 08:55									
Volatile Organic Compounds by EPA Method 8260B - cont.									
Styrene	ND		ug/L	0.260	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,3,5-Trimethylbenzene	10.9		ug/L	0.360	1.00	1	12/10/09 00:34	SW846 8260B	9121616
1,2,4-Trimethylbenzene	15.6		ug/L	0.320	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/10/09 00:34	SW846 8260B	9121616
Xylenes, total	18.6		ug/L	0.730	3.00	1	12/10/09 00:34	SW846 8260B	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	131 %					1	12/10/09 00:34	SW846 8260B	9121616
<i>Surr: Dibromofluoromethane (73-131%)</i>	117 %					1	12/10/09 00:34	SW846 8260B	9121616
<i>Surr: Toluene-d8 (80-120%)</i>	94 %					1	12/10/09 00:34	SW846 8260B	9121616
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	92 %					1	12/10/09 00:34	SW846 8260B	9121616

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-03 (B-12-S - Soil) Sampled: 12/04/09 09:06									
General Chemistry Parameters									
% Dry Solids	84.1		%	0.500	0.500	1	12/15/09 08:46	SW-846	9122489
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND	RL1	mg/kg dry	0.820	1.64	50	12/14/09 02:51	SW846 8260B	9121711
Benzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Bromobenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Bromoform	ND	RL1	mg/kg dry	0.0335	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Bromochloromethane	ND	RL1	mg/kg dry	0.0131	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Bromodichloromethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Bromoform	ND	RL1	mg/kg dry	0.0210	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Bromomethane	ND	RL1	mg/kg dry	0.558	1.64	50	12/14/09 02:51	SW846 8260B	9121711
2-Butanone	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
sec-Butylbenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
n-Butylbenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
tert-Butylbenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Carbon disulfide	ND	RL1	mg/kg dry	0.0220	0.164	50	12/14/09 02:51	SW846 8260B	9121711
Carbon Tetrachloride	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Chlorobenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Chlorodibromomethane	ND	RL1	mg/kg dry	0.0125	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Chloroethane	ND	RL1	mg/kg dry	0.0138	0.164	50	12/14/09 02:51	SW846 8260B	9121711
Chloroform	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Chloromethane	ND	RL1	mg/kg dry	0.0328	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
2-Chlorotoluene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
4-Chlorotoluene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2-Dibromo-3-chloropropane	ND	RL1	mg/kg dry	0.112	0.164	50	12/14/09 02:51	SW846 8260B	9121711
1,2-Dibromoethane (EDB)	ND	RL1	mg/kg dry	0.0171	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Dibromomethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,4-Dichlorobenzene	ND	RL1	mg/kg dry	0.0236	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,3-Dichlorobenzene	ND	RL1	mg/kg dry	0.0141	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2-Dichlorobenzene	ND	RL1	mg/kg dry	0.0141	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Dichlorodifluoromethane	ND	RL1	mg/kg dry	0.0525	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,1-Dichloroethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2-Dichloroethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
cis-1,2-Dichloroethene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,1-Dichloroethene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
trans-1,2-Dichloroethene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,3-Dichloropropane	ND	RL1	mg/kg dry	0.0148	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2-Dichloropropane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
2,2-Dichloropropane	ND	RL1	mg/kg dry	0.0256	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
cis-1,3-Dichloropropene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
trans-1,3-Dichloropropene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,1-Dichloropropene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Ethylbenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Hexachlorobutadiene	ND	RL1	mg/kg dry	0.0207	0.164	50	12/14/09 02:51	SW846 8260B	9121711
2-Hexanone	ND	RL1	mg/kg dry	0.558	1.64	50	12/14/09 02:51	SW846 8260B	9121711
Isopropylbenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
p-Isopropyltoluene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Methyl tert-Butyl Ether	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Methylene Chloride	ND	RL1	mg/kg dry	0.0656	0.328	50	12/14/09 02:51	SW846 8260B	9121711

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
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Sample ID: NSL0913-03 (B-12-S - Soil) - cont. Sampled: 12/04/09 09:06

Volatile Organic Compounds by EPA Method 8260B - cont.

4-Methyl-2-pentanone	ND	RL1	mg/kg dry	0.0952	1.64	50	12/14/09 02:51	SW846 8260B	9121711
Naphthalene	ND	RL1	mg/kg dry	0.0558	0.164	50	12/14/09 02:51	SW846 8260B	9121711
n-Propylbenzene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Styrene	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,1,1,2-Tetrachloroethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,1,2,2-Tetrachloroethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Tetrachloroethene	ND	RL1	mg/kg dry	0.0131	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Toluene	ND	RL1	mg/kg dry	0.0131	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2,3-Trichlorobenzene	ND	RL1	mg/kg dry	0.0302	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2,4-Trichlorobenzene	ND	RL1	mg/kg dry	0.0335	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,1,2-Trichloroethane	ND	RL1	mg/kg dry	0.0364	0.164	50	12/14/09 02:51	SW846 8260B	9121711
1,1,1-Trichloroethane	ND	RL1	mg/kg dry	0.0131	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Trichloroethene	ND	RL1	mg/kg dry	0.0272	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Trichlorofluoromethane	ND	RL1	mg/kg dry	0.0220	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2,3-Trichloropropane	ND	RL1	mg/kg dry	0.0338	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,3,5-Trimethylbenzene	ND	RL1	mg/kg dry	0.0131	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
1,2,4-Trimethylbenzene	ND	RL1	mg/kg dry	0.0138	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Vinyl chloride	ND	RL1	mg/kg dry	0.0269	0.0656	50	12/14/09 02:51	SW846 8260B	9121711
Xylenes, total	ND	RL1	mg/kg dry	0.0427	0.164	50	12/14/09 02:51	SW846 8260B	9121711
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	<i>114 %</i>					<i>50</i>	<i>12/14/09 02:51</i>	<i>SW846 8260B</i>	<i>9121711</i>
<i>Surr: Dibromofluoromethane (75-125%)</i>	<i>106 %</i>					<i>50</i>	<i>12/14/09 02:51</i>	<i>SW846 8260B</i>	<i>9121711</i>
<i>Surr: Toluene-d8 (76-129%)</i>	<i>114 %</i>					<i>50</i>	<i>12/14/09 02:51</i>	<i>SW846 8260B</i>	<i>9121711</i>
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	<i>109 %</i>					<i>50</i>	<i>12/14/09 02:51</i>	<i>SW846 8260B</i>	<i>9121711</i>

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-04 (B-12-GW - Ground Water) Sampled: 12/04/09 09:15									
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND		ug/L	25.0	50.0	1	12/10/09 01:02	SW846 8260B	9121616
Benzene	ND		ug/L	0.410	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Bromobenzene	ND		ug/L	0.360	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Bromo(chloromethane	ND		ug/L	0.470	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Bromodichloromethane	ND		ug/L	0.270	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Bromoform	ND		ug/L	0.430	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Bromomethane	ND		ug/L	0.300	1.00	1	12/10/09 01:02	SW846 8260B	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/10/09 01:02	SW846 8260B	9121616
sec-Butylbenzene	0.380	J	ug/L	0.360	1.00	1	12/10/09 01:02	SW846 8260B	9121616
n-Butylbenzene	0.880	J	ug/L	0.310	1.00	1	12/10/09 01:02	SW846 8260B	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Chlorobenzene	0.530	J	ug/L	0.220	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Chloromethane	0.880	J	ug/L	0.390	1.00	1	12/10/09 01:02	SW846 8260B	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 01:02	SW846 8260B	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/10/09 01:02	SW846 8260B	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/10/09 01:02	SW846 8260B	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/10/09 01:02	SW846 8260B	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/10/09 01:02	SW846 8260B	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 01:02	SW846 8260B	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Ethylbenzene	5.19		ug/L	0.350	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/10/09 01:02	SW846 8260B	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/10/09 01:02	SW846 8260B	9121616
Isopropylbenzene	1.30		ug/L	0.400	1.00	1	12/10/09 01:02	SW846 8260B	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/10/09 01:02	SW846 8260B	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/10/09 01:02	SW846 8260B	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/10/09 01:02	SW846 8260B	9121616
n-Propylbenzene	5.89		ug/L	0.390	1.00	1	12/10/09 01:02	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-04 (B-12-GW - Ground Water) - cont. Sampled: 12/04/09 09:15									
Volatile Organic Compounds by EPA Method 8260B - cont.									
Styrene	ND		ug/L	0.260	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Tetrachloroethene	0.340	J	ug/L	0.320	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Toluene	0.600	J	ug/L	0.350	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,3,5-Trimethylbenzene	11.4		ug/L	0.360	1.00	1	12/10/09 01:02	SW846 8260B	9121616
1,2,4-Trimethylbenzene	36.4		ug/L	0.320	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/10/09 01:02	SW846 8260B	9121616
Xylenes, total	31.8		ug/L	0.730	3.00	1	12/10/09 01:02	SW846 8260B	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>134 %</i>					<i>1</i>	<i>12/10/09 01:02</i>	<i>SW846 8260B</i>	<i>9121616</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>117 %</i>					<i>1</i>	<i>12/10/09 01:02</i>	<i>SW846 8260B</i>	<i>9121616</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>96 %</i>					<i>1</i>	<i>12/10/09 01:02</i>	<i>SW846 8260B</i>	<i>9121616</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>93 %</i>					<i>1</i>	<i>12/10/09 01:02</i>	<i>SW846 8260B</i>	<i>9121616</i>

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-05 (B-13-S - Soil) Sampled: 12/04/09 09:30									
General Chemistry Parameters									
% Dry Solids	87.2		%	0.500	0.500	1	12/15/09 08:46	SW-846	9122489
Volatile Organic Compounds by EPA Method 8260B									
Acetone	0.0851		mg/kg dry	0.0239	0.0479	1	12/14/09 15:01	SW846 8260B	9121162
Benzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Bromobenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Bromo-chloromethane	ND		mg/kg dry	0.000976	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Bromo-dichloromethane	ND		mg/kg dry	0.000383	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Bromoform	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Bromo-methane	ND		mg/kg dry	0.000613	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
2-Butanone	ND		mg/kg dry	0.0163	0.0479	1	12/14/09 15:01	SW846 8260B	9121162
sec-Butylbenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
n-Butylbenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
tert-Butylbenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Carbon disulfide	ND		mg/kg dry	0.000641	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
Carbon Tetrachloride	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Chlorobenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Chloro-dibromomethane	ND		mg/kg dry	0.000364	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Chloroethane	ND		mg/kg dry	0.000402	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
Chloroform	0.000814	J, B	mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Chloro-methane	ND		mg/kg dry	0.000957	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
2-Chloro-toluene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
4-Chloro-toluene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00325	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000498	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Dibromo-methane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,4-Dichloro-benzene	ND		mg/kg dry	0.000689	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,3-Dichloro-benzene	ND		mg/kg dry	0.000412	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2-Dichloro-benzene	ND		mg/kg dry	0.000412	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Dichloro-di-fluoromethane	ND		mg/kg dry	0.00153	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,1-Dichloro-ethane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2-Dichloro-ethane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
cis-1,2-Dichloro-ethene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,1-Dichloro-ethene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
trans-1,2-Dichloro-ethene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,3-Dichloro-propane	ND		mg/kg dry	0.000431	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2-Dichloro-propane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
2,2-Dichloro-propane	ND		mg/kg dry	0.000747	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
cis-1,3-Dichloro-propene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
trans-1,3-Dichloro-propene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,1-Dichloro-propene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Ethylbenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Hexachloro-butadiene	ND		mg/kg dry	0.000603	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
2-Hexanone	ND		mg/kg dry	0.0163	0.0479	1	12/14/09 15:01	SW846 8260B	9121162
Isopropylbenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
p-Isopropyltoluene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Methylene Chloride	ND		mg/kg dry	0.00191	0.00957	1	12/14/09 15:01	SW846 8260B	9121162

Client Emerald, Inc. (8583) Work Order: NSL0913
P. O. Box 3050 Project Name: SAP-2
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-05 (B-13-S - Soil) - cont. Sampled: 12/04/09 09:30									
Volatile Organic Compounds by EPA Method 8260B - cont.									
4-Methyl-2-pentanone	ND		mg/kg dry	0.00278	0.0479	1	12/14/09 15:01	SW846 8260B	9121162
Naphthalene	ND		mg/kg dry	0.00163	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
n-Propylbenzene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Styrene	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Tetrachloroethene	ND		mg/kg dry	0.000383	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Toluene	ND		mg/kg dry	0.000383	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.000881	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.000976	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,1,2-Trichloroethane	ND		mg/kg dry	0.00106	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
1,1,1-Trichloroethane	ND		mg/kg dry	0.000383	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Trichloroethene	ND		mg/kg dry	0.000795	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Trichlorofluoromethane	ND		mg/kg dry	0.000641	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2,3-Trichloropropane	ND		mg/kg dry	0.000986	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000383	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000402	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Vinyl chloride	ND		mg/kg dry	0.000785	0.00191	1	12/14/09 15:01	SW846 8260B	9121162
Xylenes, total	ND		mg/kg dry	0.00124	0.00479	1	12/14/09 15:01	SW846 8260B	9121162
Surr: 1,2-Dichloroethane-d4 (67-138%)	91 %					1	12/14/09 15:01	SW846 8260B	9121162
Surr: Dibromofluoromethane (75-125%)	100 %					1	12/14/09 15:01	SW846 8260B	9121162
Surr: Toluene-d8 (76-129%)	115 %					1	12/14/09 15:01	SW846 8260B	9121162
Surr: 4-Bromofluorobenzene (67-147%)	111 %					1	12/14/09 15:01	SW846 8260B	9121162

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-06 (B-13-GW - Ground Water) Sampled: 12/04/09 09:40									
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND		ug/L	25.0	50.0	1	12/10/09 01:29	SW846 8260B	9121616
Benzene	ND		ug/L	0.410	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Bromobenzene	ND		ug/L	0.360	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Bromo(chloromethane	ND		ug/L	0.470	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Bromodichloromethane	ND		ug/L	0.270	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Bromoform	ND		ug/L	0.430	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Bromomethane	ND		ug/L	0.300	1.00	1	12/10/09 01:29	SW846 8260B	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/10/09 01:29	SW846 8260B	9121616
sec-Butylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 01:29	SW846 8260B	9121616
n-Butylbenzene	ND		ug/L	0.310	1.00	1	12/10/09 01:29	SW846 8260B	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Chlorobenzene	ND		ug/L	0.220	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Chloromethane	ND		ug/L	0.390	1.00	1	12/10/09 01:29	SW846 8260B	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 01:29	SW846 8260B	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/10/09 01:29	SW846 8260B	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/10/09 01:29	SW846 8260B	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/10/09 01:29	SW846 8260B	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/10/09 01:29	SW846 8260B	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 01:29	SW846 8260B	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Ethylbenzene	0.550	J	ug/L	0.350	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/10/09 01:29	SW846 8260B	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/10/09 01:29	SW846 8260B	9121616
Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/10/09 01:29	SW846 8260B	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/10/09 01:29	SW846 8260B	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/10/09 01:29	SW846 8260B	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/10/09 01:29	SW846 8260B	9121616
n-Propylbenzene	0.430	J	ug/L	0.390	1.00	1	12/10/09 01:29	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-06 (B-13-GW - Ground Water) - cont. Sampled: 12/04/09 09:40									
Volatile Organic Compounds by EPA Method 8260B - cont.									
Styrene	ND		ug/L	0.260	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,3,5-Trimethylbenzene	1.09		ug/L	0.360	1.00	1	12/10/09 01:29	SW846 8260B	9121616
1,2,4-Trimethylbenzene	2.75		ug/L	0.320	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/10/09 01:29	SW846 8260B	9121616
Xylenes, total	3.28		ug/L	0.730	3.00	1	12/10/09 01:29	SW846 8260B	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	134 %					1	12/10/09 01:29	SW846 8260B	9121616
<i>Surr: Dibromofluoromethane (73-131%)</i>	116 %					1	12/10/09 01:29	SW846 8260B	9121616
<i>Surr: Toluene-d8 (80-120%)</i>	95 %					1	12/10/09 01:29	SW846 8260B	9121616
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	93 %					1	12/10/09 01:29	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-07 (B-14-S - Soil) Sampled: 12/04/09 09:50									
General Chemistry Parameters									
% Dry Solids	85.0		%	0.500	0.500	1	12/15/09 08:46	SW-846	9122489
Volatile Organic Compounds by EPA Method 8260B									
Acetone	0.0190	J	mg/kg dry	0.0121	0.0243	1	12/12/09 22:45	SW846 8260B	9122234
Benzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Bromobenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Bromo-chloromethane	ND		mg/kg dry	0.000495	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Bromo-dichloromethane	ND		mg/kg dry	0.000194	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Bromoform	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Bromomethane	ND		mg/kg dry	0.000311	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
2-Butanone	ND		mg/kg dry	0.00826	0.0243	1	12/12/09 22:45	SW846 8260B	9122234
sec-Butylbenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
n-Butylbenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
tert-Butylbenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Carbon disulfide	ND		mg/kg dry	0.000325	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
Carbon Tetrachloride	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Chlorobenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Chloro-dibromomethane	ND		mg/kg dry	0.000185	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Chloroethane	ND		mg/kg dry	0.000204	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
Chloroform	0.000748	J, B	mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Chloromethane	ND		mg/kg dry	0.000486	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
2-Chlorotoluene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
4-Chlorotoluene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00165	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000253	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Dibromomethane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,4-Dichlorobenzene	ND		mg/kg dry	0.000350	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,3-Dichlorobenzene	ND		mg/kg dry	0.000209	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2-Dichlorobenzene	ND		mg/kg dry	0.000209	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Dichlorodifluoromethane	ND		mg/kg dry	0.000777	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,1-Dichloroethane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2-Dichloroethane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,1-Dichloroethene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,3-Dichloropropane	ND		mg/kg dry	0.000219	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2-Dichloropropane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
2,2-Dichloropropane	ND		mg/kg dry	0.000379	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,1-Dichloropropene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Ethylbenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Hexachlorobutadiene	ND		mg/kg dry	0.000306	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
2-Hexanone	ND		mg/kg dry	0.00826	0.0243	1	12/12/09 22:45	SW846 8260B	9122234
Isopropylbenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
p-Isopropyltoluene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Methylene Chloride	ND		mg/kg dry	0.000971	0.00486	1	12/12/09 22:45	SW846 8260B	9122234

Client Emerald, Inc. (8583) Work Order: NSL0913
P. O. Box 3050 Project Name: SAP-2
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
4-Methyl-2-pentanone	ND		mg/kg dry	0.00141	0.0243	1	12/12/09 22:45	SW846 8260B	9122234
Naphthalene	ND		mg/kg dry	0.000826	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
n-Propylbenzene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Styrene	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Tetrachloroethene	ND		mg/kg dry	0.000194	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Toluene	0.000204	J	mg/kg dry	0.000194	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.000447	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.000495	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,1,2-Trichloroethane	ND		mg/kg dry	0.000539	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
1,1,1-Trichloroethane	ND		mg/kg dry	0.000194	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Trichloroethene	ND		mg/kg dry	0.000403	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Trichlorofluoromethane	ND		mg/kg dry	0.000325	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2,3-Trichloropropane	ND		mg/kg dry	0.000500	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000194	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000204	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Vinyl chloride	ND		mg/kg dry	0.000398	0.000971	1	12/12/09 22:45	SW846 8260B	9122234
Xylenes, total	ND		mg/kg dry	0.000631	0.00243	1	12/12/09 22:45	SW846 8260B	9122234
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					1	12/12/09 22:45	SW846 8260B	9122234
Surr: Dibromofluoromethane (75-125%)	99 %					1	12/12/09 22:45	SW846 8260B	9122234
Surr: Toluene-d8 (76-129%)	116 %					1	12/12/09 22:45	SW846 8260B	9122234
Surr: 4-Bromofluorobenzene (67-147%)	92 %					1	12/12/09 22:45	SW846 8260B	9122234

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-08 (B-14-GW - Ground Water) Sampled: 12/04/09 10:06									
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND		ug/L	25.0	50.0	1	12/10/09 01:57	SW846 8260B	9121616
Benzene	ND		ug/L	0.410	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Bromobenzene	ND		ug/L	0.360	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Bromo(chloromethane	ND		ug/L	0.470	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Bromodichloromethane	ND		ug/L	0.270	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Bromoform	ND		ug/L	0.430	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Bromomethane	ND		ug/L	0.300	1.00	1	12/10/09 01:57	SW846 8260B	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/10/09 01:57	SW846 8260B	9121616
sec-Butylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 01:57	SW846 8260B	9121616
n-Butylbenzene	ND		ug/L	0.310	1.00	1	12/10/09 01:57	SW846 8260B	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Chlorobenzene	ND		ug/L	0.220	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Chloromethane	ND		ug/L	0.390	1.00	1	12/10/09 01:57	SW846 8260B	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 01:57	SW846 8260B	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/10/09 01:57	SW846 8260B	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/10/09 01:57	SW846 8260B	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/10/09 01:57	SW846 8260B	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/10/09 01:57	SW846 8260B	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 01:57	SW846 8260B	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/10/09 01:57	SW846 8260B	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/10/09 01:57	SW846 8260B	9121616
Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/10/09 01:57	SW846 8260B	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/10/09 01:57	SW846 8260B	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/10/09 01:57	SW846 8260B	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/10/09 01:57	SW846 8260B	9121616
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/10/09 01:57	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-08 (B-14-GW - Ground Water) - cont. Sampled: 12/04/09 10:06									
Volatile Organic Compounds by EPA Method 8260B - cont.									
Styrene	ND		ug/L	0.260	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 01:57	SW846 8260B	9121616
1,2,4-Trimethylbenzene	0.350	J	ug/L	0.320	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/10/09 01:57	SW846 8260B	9121616
Xylenes, total	ND		ug/L	0.730	3.00	1	12/10/09 01:57	SW846 8260B	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	132 %					1	12/10/09 01:57	SW846 8260B	9121616
<i>Surr: Dibromofluoromethane (73-131%)</i>	116 %					1	12/10/09 01:57	SW846 8260B	9121616
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					1	12/10/09 01:57	SW846 8260B	9121616
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	93 %					1	12/10/09 01:57	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-09 (B-15-S - Soil) Sampled: 12/04/09 10:22									
General Chemistry Parameters									
% Dry Solids	80.9		%	0.500	0.500	1	12/15/09 08:46	SW-846	9122489
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND		mg/kg dry	0.0247	0.0494	1	12/14/09 15:32	SW846 8260B	9121162
Benzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Bromobenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Bromo-chloromethane	ND		mg/kg dry	0.00101	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Bromo-dichloromethane	ND		mg/kg dry	0.000396	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Bromoform	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Bromomethane	ND		mg/kg dry	0.000633	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
2-Butanone	ND		mg/kg dry	0.0168	0.0494	1	12/14/09 15:32	SW846 8260B	9121162
sec-Butylbenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
n-Butylbenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
tert-Butylbenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Carbon disulfide	ND		mg/kg dry	0.000663	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
Carbon Tetrachloride	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Chlorobenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Chloro-dibromomethane	ND		mg/kg dry	0.000376	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Chloroethane	ND		mg/kg dry	0.000415	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
Chloroform	0.000712	B, J	mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Chloromethane	ND		mg/kg dry	0.000989	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
2-Chlorotoluene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
4-Chlorotoluene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00336	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000514	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Dibromomethane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,4-Dichlorobenzene	ND		mg/kg dry	0.000712	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,3-Dichlorobenzene	ND		mg/kg dry	0.000425	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2-Dichlorobenzene	ND		mg/kg dry	0.000425	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Dichlorodifluoromethane	ND		mg/kg dry	0.00158	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,1-Dichloroethane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2-Dichloroethane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,1-Dichloroethene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,3-Dichloropropane	ND		mg/kg dry	0.000445	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2-Dichloropropane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
2,2-Dichloropropane	ND		mg/kg dry	0.000771	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,1-Dichloropropene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Ethylbenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Hexachlorobutadiene	ND		mg/kg dry	0.000623	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
2-Hexanone	ND		mg/kg dry	0.0168	0.0494	1	12/14/09 15:32	SW846 8260B	9121162
Isopropylbenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
p-Isopropyltoluene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Methylene Chloride	ND		mg/kg dry	0.00198	0.00989	1	12/14/09 15:32	SW846 8260B	9121162

Client Emerald, Inc. (8583) Work Order: NSL0913
P. O. Box 3050 Project Name: SAP-2
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-09 (B-15-S - Soil) - cont. Sampled: 12/04/09 10:22									
Volatile Organic Compounds by EPA Method 8260B - cont.									
4-Methyl-2-pentanone	ND		mg/kg dry	0.00287	0.0494	1	12/14/09 15:32	SW846 8260B	9121162
Naphthalene	ND		mg/kg dry	0.00168	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
n-Propylbenzene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Styrene	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Tetrachloroethene	ND		mg/kg dry	0.000396	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Toluene	ND		mg/kg dry	0.000396	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.000910	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.00101	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,1,2-Trichloroethane	ND		mg/kg dry	0.00110	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
1,1,1-Trichloroethane	ND		mg/kg dry	0.000396	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Trichloroethene	ND		mg/kg dry	0.000821	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Trichlorofluoromethane	ND		mg/kg dry	0.000663	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2,3-Trichloropropane	ND		mg/kg dry	0.00102	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000396	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000415	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Vinyl chloride	ND		mg/kg dry	0.000811	0.00198	1	12/14/09 15:32	SW846 8260B	9121162
Xylenes, total	ND		mg/kg dry	0.00129	0.00494	1	12/14/09 15:32	SW846 8260B	9121162
Surr: 1,2-Dichloroethane-d4 (67-138%)	89 %					1	12/14/09 15:32	SW846 8260B	9121162
Surr: Dibromofluoromethane (75-125%)	96 %					1	12/14/09 15:32	SW846 8260B	9121162
Surr: Toluene-d8 (76-129%)	106 %					1	12/14/09 15:32	SW846 8260B	9121162
Surr: 4-Bromofluorobenzene (67-147%)	93 %					1	12/14/09 15:32	SW846 8260B	9121162

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-10 (B-15-GW - Ground Water) Sampled: 12/04/09 10:30									
Volatile Organic Compounds by EPA Method 8260B									
Acetone	ND		ug/L	25.0	50.0	1	12/10/09 02:24	SW846 8260B	9121616
Benzene	ND		ug/L	0.410	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Bromobenzene	ND		ug/L	0.360	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Bromo(chloromethane	ND		ug/L	0.470	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Bromodichloromethane	ND		ug/L	0.270	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Bromoform	ND		ug/L	0.430	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Bromomethane	ND		ug/L	0.300	1.00	1	12/10/09 02:24	SW846 8260B	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/10/09 02:24	SW846 8260B	9121616
sec-Butylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 02:24	SW846 8260B	9121616
n-Butylbenzene	ND		ug/L	0.310	1.00	1	12/10/09 02:24	SW846 8260B	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Chlorobenzene	ND		ug/L	0.220	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Chloromethane	ND		ug/L	0.390	1.00	1	12/10/09 02:24	SW846 8260B	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 02:24	SW846 8260B	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/10/09 02:24	SW846 8260B	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/10/09 02:24	SW846 8260B	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/10/09 02:24	SW846 8260B	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/10/09 02:24	SW846 8260B	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 02:24	SW846 8260B	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/10/09 02:24	SW846 8260B	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/10/09 02:24	SW846 8260B	9121616
Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/10/09 02:24	SW846 8260B	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/10/09 02:24	SW846 8260B	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/10/09 02:24	SW846 8260B	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/10/09 02:24	SW846 8260B	9121616
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/10/09 02:24	SW846 8260B	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSL0913-10 (B-15-GW - Ground Water) - cont. Sampled: 12/04/09 10:30									
Volatile Organic Compounds by EPA Method 8260B - cont.									
Styrene	ND		ug/L	0.260	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 02:24	SW846 8260B	9121616
1,2,4-Trimethylbenzene	0.490	J	ug/L	0.320	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/10/09 02:24	SW846 8260B	9121616
Xylenes, total	ND		ug/L	0.730	3.00	1	12/10/09 02:24	SW846 8260B	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	133 %					1	12/10/09 02:24	SW846 8260B	9121616
<i>Surr: Dibromofluoromethane (73-131%)</i>	115 %					1	12/10/09 02:24	SW846 8260B	9121616
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					1	12/10/09 02:24	SW846 8260B	9121616
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	92 %					1	12/10/09 02:24	SW846 8260B	9121616

Client Emerald, Inc. (8583) Work Order: NSL0913
P. O. Box 3050 Project Name: SAP-2
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 16:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9122234	NSL0913-01	11.91	5.00	12/04/09 08:49	JRL	EPA 5035
SW846 8260B	9121162	NSL0913-01RE1	12.55	5.00	12/04/09 08:49	JRL	EPA 5035
SW846 8260B	9121711	NSL0913-01RE2	13.51	5.00	12/04/09 08:49	JRL	EPA 5035
SW846 8260B	9122234	NSL0913-03	9.21	5.00	12/04/09 09:06	JRL	EPA 5035
SW846 8260B	9121162	NSL0913-03RE1	9.49	5.00	12/04/09 09:06	JRL	EPA 5035
SW846 8260B	9121711	NSL0913-03RE2	9.06	5.00	12/04/09 09:06	JRL	EPA 5035
SW846 8260B	9122234	NSL0913-05	5.33	5.00	12/04/09 09:30	JRL	EPA 5035
SW846 8260B	9121162	NSL0913-05RE1	5.99	5.00	12/04/09 09:30	JRL	EPA 5035
SW846 8260B	9122234	NSL0913-07	12.11	5.00	12/04/09 09:50	JRL	EPA 5035
SW846 8260B	9122234	NSL0913-09	6.35	5.00	12/04/09 10:22	JRL	EPA 5035
SW846 8260B	9121162	NSL0913-09RE1	6.25	5.00	12/04/09 10:22	JRL	EPA 5035

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
9121162-BLK1						
Acetone	<0.0250		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Benzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Bromobenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Bromoform	<0.00102		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Bromodichloromethane	<0.000400		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Bromochloromethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Bromomethane	<0.000640		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
2-Butanone	<0.0170		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
sec-Butylbenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
n-Butylbenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
tert-Butylbenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Carbon disulfide	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Carbon Tetrachloride	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Chlorobenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Chlorodibromomethane	<0.000380		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Chloroethane	<0.000420		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Chloroform	0.00499		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Chloromethane	<0.00100		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
2-Chlorotoluene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
4-Chlorotoluene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2-Dibromo-3-chloropropane	<0.00340		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2-Dibromoethane (EDB)	<0.000520		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Dibromomethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,4-Dichlorobenzene	<0.000720		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,3-Dichlorobenzene	<0.000430		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2-Dichlorobenzene	<0.000430		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Dichlorodifluoromethane	<0.00160		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1-Dichloroethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2-Dichloroethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
cis-1,2-Dichloroethene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1-Dichloroethene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
trans-1,2-Dichloroethene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,3-Dichloropropane	<0.000450		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2-Dichloropropane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
2,2-Dichloropropane	<0.000780		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
cis-1,3-Dichloropropene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
trans-1,3-Dichloropropene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1-Dichloropropene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Ethylbenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Hexachlorobutadiene	<0.000630		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
2-Hexanone	<0.0170		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B**9121162-BLK1**

Isopropylbenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
p-Isopropyltoluene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Methyl tert-Butyl Ether	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Methylene Chloride	0.00302	J	mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
4-Methyl-2-pentanone	<0.00290		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Naphthalene	<0.00170		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
n-Propylbenzene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Styrene	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1,1,2-Tetrachloroethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1,2,2-Tetrachloroethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Tetrachloroethene	0.000680	J	mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Toluene	<0.000400		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2,3-Trichlorobenzene	<0.000920		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2,4-Trichlorobenzene	<0.00102		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1,2-Trichloroethane	<0.00111		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,1,1-Trichloroethane	<0.000400		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Trichloroethene	<0.000830		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Trichlorofluoromethane	<0.000670		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2,3-Trichloropropane	<0.00103		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,3,5-Trimethylbenzene	<0.000400		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
1,2,4-Trimethylbenzene	<0.000420		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Vinyl chloride	<0.000820		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Xylenes, total	<0.00130		mg/kg wet	9121162	9121162-BLK1	12/14/09 13:29
Surrogate: 1,2-Dichloroethane-d4	92%			9121162	9121162-BLK1	12/14/09 13:29
Surrogate: Dibromofluoromethane	96%			9121162	9121162-BLK1	12/14/09 13:29
Surrogate: Toluene-d8	104%			9121162	9121162-BLK1	12/14/09 13:29
Surrogate: 4-Bromofluorobenzene	94%			9121162	9121162-BLK1	12/14/09 13:29

91211616-BLK1

Acetone	<25.0	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Benzene	<0.410	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Bromobenzene	<0.360	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Bromoform	<0.470	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Bromoform	<0.270	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Bromoform	<0.430	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Bromomethane	<0.300	ug/L	91211616	91211616-BLK1	12/09/09 17:16
2-Butanone	<2.10	ug/L	91211616	91211616-BLK1	12/09/09 17:16
sec-Butylbenzene	<0.360	ug/L	91211616	91211616-BLK1	12/09/09 17:16
n-Butylbenzene	<0.310	ug/L	91211616	91211616-BLK1	12/09/09 17:16
tert-Butylbenzene	<0.380	ug/L	91211616	91211616-BLK1	12/09/09 17:16
Carbon disulfide	<0.360	ug/L	91211616	91211616-BLK1	12/09/09 17:16

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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						
9121616-BLK1						
Carbon Tetrachloride	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chlorobenzene	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chlorodibromomethane	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chloroethane	<0.460		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chloroform	<0.250		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chloromethane	<0.390		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2-Chlorotoluene	<0.510		ug/L	9121616	9121616-BLK1	12/09/09 17:16
4-Chlorotoluene	<0.510		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dibromoethane (EDB)	<0.460		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Dibromomethane	<0.410		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,4-Dichlorobenzene	<0.430		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,3-Dichlorobenzene	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dichlorobenzene	<0.400		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Dichlorodifluoromethane	<0.190		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1-Dichloroethane	<0.340		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dichloroethane	<0.350		ug/L	9121616	9121616-BLK1	12/09/09 17:16
cis-1,2-Dichloroethene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1-Dichloroethene	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
trans-1,2-Dichloroethene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,3-Dichloropropane	<0.270		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dichloropropane	<0.240		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2,2-Dichloropropane	<0.300		ug/L	9121616	9121616-BLK1	12/09/09 17:16
cis-1,3-Dichloropropene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
trans-1,3-Dichloropropene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1-Dichloropropene	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Ethylbenzene	<0.350		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Hexachlorobutadiene	2.41		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2-Hexanone	<1.40		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Isopropylbenzene	<0.400		ug/L	9121616	9121616-BLK1	12/09/09 17:16
p-Isopropyltoluene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Methyl tert-Butyl Ether	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Methylene Chloride	<0.480		ug/L	9121616	9121616-BLK1	12/09/09 17:16
4-Methyl-2-pentanone	<1.40		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Naphthalene	<0.380		ug/L	9121616	9121616-BLK1	12/09/09 17:16
n-Propylbenzene	<0.390		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Styrene	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Tetrachloroethene	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Toluene	<0.350		ug/L	9121616	9121616-BLK1	12/09/09 17:16

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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						
9121616-BLK1						
1,2,3-Trichlorobenzene	2.30		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,4-Trichlorobenzene	0.640	J	ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,2-Trichloroethane	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,1-Trichloroethane	<0.190		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Trichloroethene	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Trichlorofluoromethane	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,3-Trichloropropane	<0.470		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,3,5-Trimethylbenzene	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,4-Trimethylbenzene	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Vinyl chloride	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
o-Xylene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
m,p-Xylene	<0.400		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Xylenes, total	<0.730		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Surrogate: 1,2-Dichloroethane-d4	123%			9121616	9121616-BLK1	12/09/09 17:16
Surrogate: Dibromofluoromethane	113%			9121616	9121616-BLK1	12/09/09 17:16
Surrogate: Toluene-d8	94%			9121616	9121616-BLK1	12/09/09 17:16
Surrogate: 4-Bromofluorobenzene	96%			9121616	9121616-BLK1	12/09/09 17:16
9121711-BLK1						
Acetone	<0.0250		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Benzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromobenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromoform	<0.00102		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromochloromethane	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromodichloromethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromoform	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromomethane	<0.000640		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2-Butanone	<0.0170		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
sec-Butylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
n-Butylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
tert-Butylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Carbon disulfide	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Carbon Tetrachloride	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chlorobenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chlorodibromomethane	<0.000380		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chloroethane	<0.000420		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chloroform	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chloromethane	<0.00100		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2-Chlorotoluene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
4-Chlorotoluene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dibromo-3-chloropropane	<0.00340		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dibromoethane (EDB)	<0.000520		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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						
9121711-BLK1						
Dibromomethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,4-Dichlorobenzene	<0.000720		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,3-Dichlorobenzene	<0.000430		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dichlorobenzene	<0.000430		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Dichlorodifluoromethane	<0.00160		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1-Dichloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dichloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
cis-1,2-Dichloroethene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1-Dichloroethene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
trans-1,2-Dichloroethene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,3-Dichloropropane	<0.000450		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dichloropropane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2,2-Dichloropropane	<0.000780		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
cis-1,3-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
trans-1,3-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Ethylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Hexachlorobutadiene	<0.000630		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2-Hexanone	<0.0170		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Isopropylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
p-Isopropyltoluene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Methyl tert-Butyl Ether	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Methylene Chloride	<0.00200		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
4-Methyl-2-pentanone	<0.00290		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Naphthalene	<0.00170		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
n-Propylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Styrene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,1,2-Tetrachloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,2,2-Tetrachloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Tetrachloroethene	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Toluene	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,3-Trichlorobenzene	<0.000920		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,4-Trichlorobenzene	<0.00102		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,2-Trichloroethane	<0.00111		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,1-Trichloroethane	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Trichloroethene	<0.000830		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Trichlorofluoromethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,3-Trichloropropane	<0.00103		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,3,5-Trimethylbenzene	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,4-Trimethylbenzene	<0.000420		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Vinyl chloride	<0.000820		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B**9121711-BLK1**

Xylenes, total	<0.00130		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Surrogate: 1,2-Dichloroethane-d4	110%			9121711	9121711-BLK1	12/13/09 20:27
Surrogate: Dibromofluoromethane	102%			9121711	9121711-BLK1	12/13/09 20:27
Surrogate: Toluene-d8	108%			9121711	9121711-BLK1	12/13/09 20:27
Surrogate: 4-Bromofluorobenzene	107%			9121711	9121711-BLK1	12/13/09 20:27

9122234-BLK1

Acetone	<0.0250		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Benzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromobenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromochloromethane	<0.00102		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromodichloromethane	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromoform	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromomethane	<0.000640		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2-Butanone	<0.0170		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
sec-Butylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
n-Butylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
tert-Butylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Carbon disulfide	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Carbon Tetrachloride	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chlorobenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chlorodibromomethane	<0.000380		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chloroethane	<0.000420		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chloroform	0.00306	B	mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chloromethane	<0.00100		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2-Chlorotoluene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
4-Chlorotoluene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dibromo-3-chloropropane	<0.00340		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dibromoethane (EDB)	<0.000520		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Dibromomethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,4-Dichlorobenzene	<0.000720		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,3-Dichlorobenzene	<0.000430		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dichlorobenzene	<0.000430		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Dichlorodifluoromethane	<0.00160		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1-Dichloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dichloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
cis-1,2-Dichloroethene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1-Dichloroethene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
trans-1,2-Dichloroethene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,3-Dichloropropane	<0.000450		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dichloropropane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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						
9122234-BLK1						
2,2-Dichloropropane	<0.000780		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
cis-1,3-Dichloropropene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
trans-1,3-Dichloropropene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1-Dichloropropene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Ethylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Hexachlorobutadiene	<0.000630		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2-Hexanone	<0.0170		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Isopropylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
p-Isopropyltoluene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Methyl tert-Butyl Ether	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Methylene Chloride	<0.00200		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
4-Methyl-2-pentanone	<0.00290		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Naphthalene	<0.00170		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
n-Propylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Styrene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,1,2-Tetrachloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,2,2-Tetrachloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Tetrachloroethene	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Toluene	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,3-Trichlorobenzene	<0.000920		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,4-Trichlorobenzene	<0.00102		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,2-Trichloroethane	<0.00111		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,1-Trichloroethane	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Trichloroethene	<0.000830		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Trichlorofluoromethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,3-Trichloropropane	<0.00103		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,3,5-Trimethylbenzene	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,4-Trimethylbenzene	<0.000420		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Vinyl chloride	<0.000820		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Xylenes, total	<0.00130		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Surrogate: 1,2-Dichloroethane-d4	98%			9122234	9122234-BLK1	12/12/09 16:25
Surrogate: Dibromofluoromethane	95%			9122234	9122234-BLK1	12/12/09 16:25
Surrogate: Toluene-d8	110%			9122234	9122234-BLK1	12/12/09 16:25
Surrogate: 4-Bromofluorobenzene	98%			9122234	9122234-BLK1	12/12/09 16:25

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

PROJECT QUALITY CONTROL DATA**Duplicate**

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9122489-DUP1										
% Dry Solids	41.7	18.5		%	77	20	9122489	NSL0632-02		12/15/09 08:46

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
9121162-BS1								
Acetone	250	284		ug/kg	114%	60 - 150	9121162	12/14/09 11:57
Benzene	50.0	52.6		ug/kg	105%	78 - 126	9121162	12/14/09 11:57
Bromobenzene	50.0	51.1		ug/kg	102%	79 - 126	9121162	12/14/09 11:57
Bromochloromethane	50.0	52.2		ug/kg	104%	78 - 126	9121162	12/14/09 11:57
Bromodichloromethane	50.0	51.8		ug/kg	104%	75 - 129	9121162	12/14/09 11:57
Bromoform	50.0	48.0		ug/kg	96%	74 - 133	9121162	12/14/09 11:57
Bromomethane	50.0	50.4		ug/kg	101%	50 - 150	9121162	12/14/09 11:57
2-Butanone	250	306		ug/kg	122%	68 - 149	9121162	12/14/09 11:57
sec-Butylbenzene	50.0	55.3		ug/kg	111%	76 - 135	9121162	12/14/09 11:57
n-Butylbenzene	50.0	55.6		ug/kg	111%	73 - 143	9121162	12/14/09 11:57
tert-Butylbenzene	50.0	53.3		ug/kg	107%	80 - 129	9121162	12/14/09 11:57
Carbon disulfide	50.0	54.3		ug/kg	109%	80 - 132	9121162	12/14/09 11:57
Carbon Tetrachloride	50.0	48.3		ug/kg	97%	70 - 138	9121162	12/14/09 11:57
Chlorobenzene	50.0	53.2		ug/kg	106%	80 - 123	9121162	12/14/09 11:57
Chlorodibromomethane	50.0	47.8		ug/kg	96%	80 - 127	9121162	12/14/09 11:57
Chloroethane	50.0	50.8		ug/kg	102%	55 - 150	9121162	12/14/09 11:57
Chloroform	50.0	45.8	B	ug/kg	92%	70 - 127	9121162	12/14/09 11:57
Chloromethane	50.0	44.9		ug/kg	90%	36 - 137	9121162	12/14/09 11:57
2-Chlorotoluene	50.0	53.1		ug/kg	106%	80 - 130	9121162	12/14/09 11:57
4-Chlorotoluene	50.0	52.7		ug/kg	105%	77 - 132	9121162	12/14/09 11:57
1,2-Dibromo-3-chloropropane	50.0	52.3		ug/kg	105%	62 - 150	9121162	12/14/09 11:57
1,2-Dibromoethane (EDB)	50.0	53.5		ug/kg	107%	80 - 131	9121162	12/14/09 11:57
Dibromomethane	50.0	50.8		ug/kg	102%	78 - 128	9121162	12/14/09 11:57
1,4-Dichlorobenzene	50.0	55.3		ug/kg	111%	80 - 129	9121162	12/14/09 11:57
1,3-Dichlorobenzene	50.0	54.6		ug/kg	109%	80 - 131	9121162	12/14/09 11:57
1,2-Dichlorobenzene	50.0	55.1		ug/kg	110%	80 - 127	9121162	12/14/09 11:57
Dichlorodifluoromethane	50.0	34.1		ug/kg	68%	30 - 150	9121162	12/14/09 11:57
1,1-Dichloroethane	50.0	51.8		ug/kg	104%	71 - 126	9121162	12/14/09 11:57
1,2-Dichloroethane	50.0	45.1		ug/kg	90%	70 - 139	9121162	12/14/09 11:57
cis-1,2-Dichloroethene	50.0	50.2		ug/kg	100%	75 - 126	9121162	12/14/09 11:57
1,1-Dichloroethene	50.0	52.6		ug/kg	105%	70 - 125	9121162	12/14/09 11:57
trans-1,2-Dichloroethene	50.0	49.2		ug/kg	98%	73 - 128	9121162	12/14/09 11:57
1,3-Dichloropropane	50.0	52.9		ug/kg	106%	79 - 128	9121162	12/14/09 11:57
1,2-Dichloropropane	50.0	49.7		ug/kg	99%	75 - 120	9121162	12/14/09 11:57
2,2-Dichloropropane	50.0	45.4		ug/kg	91%	60 - 139	9121162	12/14/09 11:57
cis-1,3-Dichloropropene	50.0	57.4		ug/kg	115%	74 - 136	9121162	12/14/09 11:57
trans-1,3-Dichloropropene	50.0	54.8		ug/kg	110%	73 - 128	9121162	12/14/09 11:57
1,1-Dichloropropene	50.0	49.8		ug/kg	100%	78 - 125	9121162	12/14/09 11:57
Ethylbenzene	50.0	53.2		ug/kg	106%	79 - 130	9121162	12/14/09 11:57
Hexachlorobutadiene	50.0	54.5		ug/kg	109%	75 - 150	9121162	12/14/09 11:57
2-Hexanone	250	302		ug/kg	121%	65 - 150	9121162	12/14/09 11:57

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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								
9121162-BS1								
Isopropylbenzene	50.0	52.8		ug/kg	106%	65 - 121	9121162	12/14/09 11:57
p-Isopropyltoluene	50.0	53.5		ug/kg	107%	76 - 133	9121162	12/14/09 11:57
Methyl tert-Butyl Ether	50.0	45.6		ug/kg	91%	70 - 128	9121162	12/14/09 11:57
Methylene Chloride	50.0	53.6		ug/kg	107%	69 - 140	9121162	12/14/09 11:57
4-Methyl-2-pentanone	250	294		ug/kg	118%	67 - 147	9121162	12/14/09 11:57
Naphthalene	50.0	58.9		ug/kg	118%	72 - 150	9121162	12/14/09 11:57
n-Propylbenzene	50.0	54.7		ug/kg	109%	76 - 133	9121162	12/14/09 11:57
Styrene	50.0	56.4		ug/kg	113%	80 - 140	9121162	12/14/09 11:57
1,1,1,2-Tetrachloroethane	50.0	55.3		ug/kg	111%	80 - 132	9121162	12/14/09 11:57
1,1,2,2-Tetrachloroethane	50.0	58.7		ug/kg	117%	75 - 135	9121162	12/14/09 11:57
Tetrachloroethene	50.0	51.6		ug/kg	103%	76 - 130	9121162	12/14/09 11:57
Toluene	50.0	54.8		ug/kg	110%	76 - 126	9121162	12/14/09 11:57
1,2,3-Trichlorobenzene	50.0	57.1		ug/kg	114%	75 - 150	9121162	12/14/09 11:57
1,2,4-Trichlorobenzene	50.0	58.6		ug/kg	117%	64 - 150	9121162	12/14/09 11:57
1,1,2-Trichloroethane	50.0	53.3		ug/kg	107%	73 - 133	9121162	12/14/09 11:57
1,1,1-Trichloroethane	50.0	44.8		ug/kg	90%	70 - 132	9121162	12/14/09 11:57
Trichloroethene	50.0	51.4		ug/kg	103%	79 - 129	9121162	12/14/09 11:57
Trichlorofluoromethane	50.0	42.0		ug/kg	84%	52 - 148	9121162	12/14/09 11:57
1,2,3-Trichloropropane	50.0	49.7		ug/kg	99%	70 - 125	9121162	12/14/09 11:57
1,3,5-Trimethylbenzene	50.0	53.1		ug/kg	106%	80 - 134	9121162	12/14/09 11:57
1,2,4-Trimethylbenzene	50.0	54.3		ug/kg	109%	80 - 132	9121162	12/14/09 11:57
Vinyl chloride	50.0	47.8		ug/kg	96%	53 - 142	9121162	12/14/09 11:57
Xylenes, total	150	151		ug/kg	101%	80 - 130	9121162	12/14/09 11:57
Surrogate: 1,2-Dichloroethane-d4	50.0	46.2			92%	67 - 138	9121162	12/14/09 11:57
Surrogate: Dibromofluoromethane	50.0	47.5			95%	75 - 125	9121162	12/14/09 11:57
Surrogate: Toluene-d8	50.0	50.8			102%	76 - 129	9121162	12/14/09 11:57
Surrogate: 4-Bromofluorobenzene	50.0	48.2			96%	67 - 147	9121162	12/14/09 11:57
91211616-BS1								
Acetone	250	338		ug/L	135%	56 - 150	91211616	12/09/09 15:27
Benzene	50.0	51.7		ug/L	103%	80 - 121	91211616	12/09/09 15:27
Bromobenzene	50.0	47.7		ug/L	95%	72 - 130	91211616	12/09/09 15:27
Bromoform	50.0	54.4		ug/L	109%	73 - 137	91211616	12/09/09 15:27
Bromochloromethane	50.0	59.2		ug/L	118%	75 - 131	91211616	12/09/09 15:27
Bromodichloromethane	50.0	51.5		ug/L	103%	65 - 140	91211616	12/09/09 15:27
Bromoform	50.0	57.8		ug/L	116%	50 - 150	91211616	12/09/09 15:27
Bromomethane	250	303		ug/L	121%	70 - 144	91211616	12/09/09 15:27
sec-Butylbenzene	50.0	51.8		ug/L	104%	72 - 140	91211616	12/09/09 15:27
n-Butylbenzene	50.0	52.4		ug/L	105%	68 - 140	91211616	12/09/09 15:27
tert-Butylbenzene	50.0	51.5		ug/L	103%	76 - 135	91211616	12/09/09 15:27
Carbon disulfide	50.0	53.2		ug/L	106%	74 - 137	91211616	12/09/09 15:27

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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								
9121616-BS1								
Carbon Tetrachloride	50.0	63.1		ug/L	126%	71 - 137	9121616	12/09/09 15:27
Chlorobenzene	50.0	50.4		ug/L	101%	80 - 121	9121616	12/09/09 15:27
Chlorodibromomethane	50.0	53.1		ug/L	106%	68 - 137	9121616	12/09/09 15:27
Chloroethane	50.0	50.8		ug/L	102%	50 - 146	9121616	12/09/09 15:27
Chloroform	50.0	61.4		ug/L	123%	73 - 131	9121616	12/09/09 15:27
Chloromethane	50.0	53.8		ug/L	108%	30 - 132	9121616	12/09/09 15:27
2-Chlorotoluene	50.0	48.2		ug/L	96%	74 - 135	9121616	12/09/09 15:27
4-Chlorotoluene	50.0	48.6		ug/L	97%	74 - 132	9121616	12/09/09 15:27
1,2-Dibromo-3-chloropropane	50.0	49.3		ug/L	99%	56 - 145	9121616	12/09/09 15:27
1,2-Dibromoethane (EDB)	50.0	55.3		ug/L	111%	80 - 135	9121616	12/09/09 15:27
Dibromomethane	50.0	60.0		ug/L	120%	78 - 133	9121616	12/09/09 15:27
1,4-Dichlorobenzene	50.0	48.0		ug/L	96%	80 - 120	9121616	12/09/09 15:27
1,3-Dichlorobenzene	50.0	48.1		ug/L	96%	80 - 128	9121616	12/09/09 15:27
1,2-Dichlorobenzene	50.0	49.7		ug/L	99%	80 - 125	9121616	12/09/09 15:27
Dichlorodifluoromethane	50.0	42.7		ug/L	85%	30 - 132	9121616	12/09/09 15:27
1,1-Dichloroethane	50.0	55.3		ug/L	111%	75 - 125	9121616	12/09/09 15:27
1,2-Dichloroethane	50.0	65.6		ug/L	131%	70 - 134	9121616	12/09/09 15:27
cis-1,2-Dichloroethene	50.0	59.0		ug/L	118%	71 - 132	9121616	12/09/09 15:27
1,1-Dichloroethene	50.0	54.8		ug/L	110%	73 - 125	9121616	12/09/09 15:27
trans-1,2-Dichloroethene	50.0	57.7		ug/L	115%	77 - 125	9121616	12/09/09 15:27
1,3-Dichloropropane	50.0	53.2		ug/L	106%	76 - 125	9121616	12/09/09 15:27
1,2-Dichloropropane	50.0	49.8		ug/L	100%	72 - 120	9121616	12/09/09 15:27
2,2-Dichloropropane	50.0	63.4		ug/L	127%	50 - 150	9121616	12/09/09 15:27
cis-1,3-Dichloropropene	50.0	50.6		ug/L	101%	70 - 140	9121616	12/09/09 15:27
trans-1,3-Dichloropropene	50.0	52.7		ug/L	105%	62 - 139	9121616	12/09/09 15:27
1,1-Dichloropropene	50.0	56.1		ug/L	112%	78 - 126	9121616	12/09/09 15:27
Ethylbenzene	50.0	52.4		ug/L	105%	78 - 133	9121616	12/09/09 15:27
Hexachlorobutadiene	50.0	62.8	B	ug/L	126%	70 - 150	9121616	12/09/09 15:27
2-Hexanone	250	305		ug/L	122%	60 - 150	9121616	12/09/09 15:27
Isopropylbenzene	50.0	53.6		ug/L	107%	69 - 120	9121616	12/09/09 15:27
p-Isopropyltoluene	50.0	50.9		ug/L	102%	72 - 134	9121616	12/09/09 15:27
Methyl tert-Butyl Ether	50.0	55.1		ug/L	110%	76 - 120	9121616	12/09/09 15:27
Methylene Chloride	50.0	56.4		ug/L	113%	80 - 133	9121616	12/09/09 15:27
4-Methyl-2-pentanone	250	266		ug/L	107%	62 - 146	9121616	12/09/09 15:27
Naphthalene	50.0	60.4		ug/L	121%	71 - 139	9121616	12/09/09 15:27
n-Propylbenzene	50.0	49.1		ug/L	98%	70 - 143	9121616	12/09/09 15:27
Styrene	50.0	52.9		ug/L	106%	80 - 136	9121616	12/09/09 15:27
1,1,1,2-Tetrachloroethane	50.0	57.9		ug/L	116%	80 - 130	9121616	12/09/09 15:27
1,1,2,2-Tetrachloroethane	50.0	49.6		ug/L	99%	73 - 131	9121616	12/09/09 15:27
Tetrachloroethene	50.0	52.6		ug/L	105%	77 - 131	9121616	12/09/09 15:27
Toluene	50.0	47.5		ug/L	95%	78 - 125	9121616	12/09/09 15:27

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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								
9121616-BS1								
1,2,3-Trichlorobenzene	50.0	77.3	L, B	ug/L	155%	71 - 138	9121616	12/09/09 15:27
1,2,4-Trichlorobenzene	50.0	65.9		ug/L	132%	74 - 136	9121616	12/09/09 15:27
1,1,2-Trichloroethane	50.0	53.3		ug/L	107%	80 - 123	9121616	12/09/09 15:27
1,1,1-Trichloroethane	50.0	60.7		ug/L	121%	75 - 137	9121616	12/09/09 15:27
Trichloroethene	50.0	55.6		ug/L	111%	74 - 139	9121616	12/09/09 15:27
Trichlorofluoromethane	50.0	55.0		ug/L	110%	60 - 133	9121616	12/09/09 15:27
1,2,3-Trichloropropane	50.0	46.1		ug/L	92%	64 - 127	9121616	12/09/09 15:27
1,3,5-Trimethylbenzene	50.0	51.0		ug/L	102%	75 - 134	9121616	12/09/09 15:27
1,2,4-Trimethylbenzene	50.0	51.5		ug/L	103%	77 - 134	9121616	12/09/09 15:27
Vinyl chloride	50.0	50.5		ug/L	101%	60 - 122	9121616	12/09/09 15:27
o-Xylene	50.0	51.6		ug/L	103%	66 - 150	9121616	12/09/09 15:27
m,p-Xylene	100	104		ug/L	104%	78 - 132	9121616	12/09/09 15:27
Xylenes, total	150	155		ug/L	103%	78 - 134	9121616	12/09/09 15:27
Surrogate: 1,2-Dichloroethane-d4	25.0	28.8			115%	63 - 140	9121616	12/09/09 15:27
Surrogate: Dibromoform	25.0	27.4			110%	73 - 131	9121616	12/09/09 15:27
Surrogate: Toluene-d8	25.0	22.8			91%	80 - 120	9121616	12/09/09 15:27
Surrogate: 4-Bromofluorobenzene	25.0	23.7			95%	79 - 125	9121616	12/09/09 15:27
9121711-BS1								
Acetone	250	313		ug/kg	125%	60 - 150	9121711	12/13/09 18:11
Benzene	50.0	51.3		ug/kg	103%	78 - 126	9121711	12/13/09 18:11
Bromobenzene	50.0	55.6		ug/kg	111%	79 - 126	9121711	12/13/09 18:11
Bromochloromethane	50.0	49.1		ug/kg	98%	78 - 126	9121711	12/13/09 18:11
Bromodichloromethane	50.0	53.1		ug/kg	106%	75 - 129	9121711	12/13/09 18:11
Bromoform	50.0	50.2		ug/kg	100%	74 - 133	9121711	12/13/09 18:11
Bromomethane	50.0	54.2		ug/kg	108%	50 - 150	9121711	12/13/09 18:11
2-Butanone	250	280		ug/kg	112%	68 - 149	9121711	12/13/09 18:11
sec-Butylbenzene	50.0	54.0		ug/kg	108%	76 - 135	9121711	12/13/09 18:11
n-Butylbenzene	50.0	52.6		ug/kg	105%	73 - 143	9121711	12/13/09 18:11
tert-Butylbenzene	50.0	54.5		ug/kg	109%	80 - 129	9121711	12/13/09 18:11
Carbon disulfide	50.0	50.5		ug/kg	101%	80 - 132	9121711	12/13/09 18:11
Carbon Tetrachloride	50.0	51.4		ug/kg	103%	70 - 138	9121711	12/13/09 18:11
Chlorobenzene	50.0	52.6		ug/kg	105%	80 - 123	9121711	12/13/09 18:11
Chlorodibromomethane	50.0	51.2		ug/kg	102%	80 - 127	9121711	12/13/09 18:11
Chloroethane	50.0	50.9		ug/kg	102%	55 - 150	9121711	12/13/09 18:11
Chloroform	50.0	51.2		ug/kg	102%	70 - 127	9121711	12/13/09 18:11
Chloromethane	50.0	46.4		ug/kg	93%	36 - 137	9121711	12/13/09 18:11
2-Chlorotoluene	50.0	57.5		ug/kg	115%	80 - 130	9121711	12/13/09 18:11
4-Chlorotoluene	50.0	56.4		ug/kg	113%	77 - 132	9121711	12/13/09 18:11
1,2-Dibromo-3-chloropropane	50.0	54.6		ug/kg	109%	62 - 150	9121711	12/13/09 18:11
1,2-Dibromoethane (EDB)	50.0	60.8		ug/kg	122%	80 - 131	9121711	12/13/09 18:11

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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								
9121711-BS1								
Dibromomethane	50.0	53.3		ug/kg	107%	78 - 128	9121711	12/13/09 18:11
1,4-Dichlorobenzene	50.0	50.6		ug/kg	101%	80 - 129	9121711	12/13/09 18:11
1,3-Dichlorobenzene	50.0	55.7		ug/kg	111%	80 - 131	9121711	12/13/09 18:11
1,2-Dichlorobenzene	50.0	56.2		ug/kg	112%	80 - 127	9121711	12/13/09 18:11
Dichlorodifluoromethane	50.0	43.3		ug/kg	87%	30 - 150	9121711	12/13/09 18:11
1,1-Dichloroethane	50.0	51.0		ug/kg	102%	71 - 126	9121711	12/13/09 18:11
1,2-Dichloroethane	50.0	49.8		ug/kg	100%	70 - 139	9121711	12/13/09 18:11
cis-1,2-Dichloroethene	50.0	51.5		ug/kg	103%	75 - 126	9121711	12/13/09 18:11
1,1-Dichloroethene	50.0	53.3		ug/kg	107%	70 - 125	9121711	12/13/09 18:11
trans-1,2-Dichloroethene	50.0	51.4		ug/kg	103%	73 - 128	9121711	12/13/09 18:11
1,3-Dichloropropane	50.0	56.3		ug/kg	113%	79 - 128	9121711	12/13/09 18:11
1,2-Dichloropropane	50.0	49.0		ug/kg	98%	75 - 120	9121711	12/13/09 18:11
2,2-Dichloropropane	50.0	52.2		ug/kg	104%	60 - 139	9121711	12/13/09 18:11
cis-1,3-Dichloropropene	50.0	59.3		ug/kg	119%	74 - 136	9121711	12/13/09 18:11
trans-1,3-Dichloropropene	50.0	50.5		ug/kg	101%	73 - 128	9121711	12/13/09 18:11
1,1-Dichloropropene	50.0	52.5		ug/kg	105%	78 - 125	9121711	12/13/09 18:11
Ethylbenzene	50.0	57.3		ug/kg	115%	79 - 130	9121711	12/13/09 18:11
Hexachlorobutadiene	50.0	60.4		ug/kg	121%	75 - 150	9121711	12/13/09 18:11
2-Hexanone	250	278		ug/kg	111%	65 - 150	9121711	12/13/09 18:11
Isopropylbenzene	50.0	53.1		ug/kg	106%	65 - 121	9121711	12/13/09 18:11
p-Isopropyltoluene	50.0	52.0		ug/kg	104%	76 - 133	9121711	12/13/09 18:11
Methyl tert-Butyl Ether	50.0	55.0		ug/kg	110%	70 - 128	9121711	12/13/09 18:11
Methylene Chloride	50.0	51.8		ug/kg	104%	69 - 140	9121711	12/13/09 18:11
4-Methyl-2-pentanone	250	300		ug/kg	120%	67 - 147	9121711	12/13/09 18:11
Naphthalene	50.0	64.8		ug/kg	130%	72 - 150	9121711	12/13/09 18:11
n-Propylbenzene	50.0	58.6		ug/kg	117%	76 - 133	9121711	12/13/09 18:11
Styrene	50.0	52.9		ug/kg	106%	80 - 140	9121711	12/13/09 18:11
1,1,1,2-Tetrachloroethane	50.0	56.4		ug/kg	113%	80 - 132	9121711	12/13/09 18:11
1,1,2,2-Tetrachloroethane	50.0	55.1		ug/kg	110%	75 - 135	9121711	12/13/09 18:11
Tetrachloroethene	50.0	53.0	MNR	ug/kg	106%	76 - 130	9121711	12/13/09 18:11
Toluene	50.0	53.3		ug/kg	107%	76 - 126	9121711	12/13/09 18:11
1,2,3-Trichlorobenzene	50.0	67.2		ug/kg	134%	75 - 150	9121711	12/13/09 18:11
1,2,4-Trichlorobenzene	50.0	59.2		ug/kg	118%	64 - 150	9121711	12/13/09 18:11
1,1,2-Trichloroethane	50.0	54.7		ug/kg	109%	73 - 133	9121711	12/13/09 18:11
1,1,1-Trichloroethane	50.0	52.2		ug/kg	104%	70 - 132	9121711	12/13/09 18:11
Trichloroethene	50.0	53.9	MNR	ug/kg	108%	79 - 129	9121711	12/13/09 18:11
Trichlorofluoromethane	50.0	47.1		ug/kg	94%	52 - 148	9121711	12/13/09 18:11
1,2,3-Trichloropropane	50.0	52.8		ug/kg	106%	70 - 125	9121711	12/13/09 18:11
1,3,5-Trimethylbenzene	50.0	53.2		ug/kg	106%	80 - 134	9121711	12/13/09 18:11
1,2,4-Trimethylbenzene	50.0	54.4		ug/kg	109%	80 - 132	9121711	12/13/09 18:11
Vinyl chloride	50.0	50.9		ug/kg	102%	53 - 142	9121711	12/13/09 18:11

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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								
9121711-BS1								
Xylenes, total	150	166		ug/kg	111%	80 - 130	9121711	12/13/09 18:11
Surrogate: 1,2-Dichloroethane-d4	25.0	24.6			99%	67 - 138	9121711	12/13/09 18:11
Surrogate: Dibromofluoromethane	25.0	25.2			101%	75 - 125	9121711	12/13/09 18:11
Surrogate: Toluene-d8	25.0	26.2			105%	76 - 129	9121711	12/13/09 18:11
Surrogate: 4-Bromofluorobenzene	25.0	25.9			104%	67 - 147	9121711	12/13/09 18:11
9122234-BS1								
Acetone	250	221		ug/kg	89%	60 - 150	9122234	12/12/09 14:26
Benzene	50.0	45.8		ug/kg	92%	78 - 126	9122234	12/12/09 14:26
Bromobenzene	50.0	47.6		ug/kg	95%	79 - 126	9122234	12/12/09 14:26
Bromoform	50.0	48.0		ug/kg	96%	78 - 126	9122234	12/12/09 14:26
Bromochloromethane	50.0	46.0		ug/kg	92%	75 - 129	9122234	12/12/09 14:26
Bromodichloromethane	50.0	44.8		ug/kg	90%	74 - 133	9122234	12/12/09 14:26
Bromoform	50.0	53.3		ug/kg	107%	50 - 150	9122234	12/12/09 14:26
Bromomethane	250	244		ug/kg	98%	68 - 149	9122234	12/12/09 14:26
2-Butanone	50.0	56.3		ug/kg	113%	76 - 135	9122234	12/12/09 14:26
sec-Butylbenzene	50.0	55.8		ug/kg	112%	73 - 143	9122234	12/12/09 14:26
n-Butylbenzene	50.0	48.8		ug/kg	98%	80 - 129	9122234	12/12/09 14:26
Chlorobenzene	50.0	49.6		ug/kg	99%	80 - 132	9122234	12/12/09 14:26
Chlorodibromomethane	50.0	51.0		ug/kg	102%	80 - 127	9122234	12/12/09 14:26
Chloroethane	50.0	47.3		ug/kg	95%	55 - 150	9122234	12/12/09 14:26
Chloroform	50.0	45.2	B	ug/kg	90%	70 - 127	9122234	12/12/09 14:26
Chloromethane	50.0	48.1		ug/kg	96%	36 - 137	9122234	12/12/09 14:26
2-Chlorotoluene	50.0	51.9		ug/kg	104%	80 - 130	9122234	12/12/09 14:26
4-Chlorotoluene	50.0	50.0		ug/kg	100%	77 - 132	9122234	12/12/09 14:26
1,2-Dibromo-3-chloropropane	50.0	46.1		ug/kg	92%	62 - 150	9122234	12/12/09 14:26
1,2-Dibromoethane (EDB)	50.0	52.4		ug/kg	105%	80 - 131	9122234	12/12/09 14:26
Dibromomethane	50.0	46.5		ug/kg	93%	78 - 128	9122234	12/12/09 14:26
1,4-Dichlorobenzene	50.0	44.9		ug/kg	90%	80 - 129	9122234	12/12/09 14:26
1,3-Dichlorobenzene	50.0	48.6		ug/kg	97%	80 - 131	9122234	12/12/09 14:26
1,2-Dichlorobenzene	50.0	47.6		ug/kg	95%	80 - 127	9122234	12/12/09 14:26
Dichlorodifluoromethane	50.0	50.9		ug/kg	102%	30 - 150	9122234	12/12/09 14:26
1,1-Dichloroethane	50.0	45.9		ug/kg	92%	71 - 126	9122234	12/12/09 14:26
1,2-Dichloroethane	50.0	43.2		ug/kg	86%	70 - 139	9122234	12/12/09 14:26
cis-1,2-Dichloroethene	50.0	47.4		ug/kg	95%	75 - 126	9122234	12/12/09 14:26
1,1-Dichloroethene	50.0	47.2		ug/kg	94%	70 - 125	9122234	12/12/09 14:26
trans-1,2-Dichloroethene	50.0	46.2		ug/kg	92%	73 - 128	9122234	12/12/09 14:26
1,3-Dichloropropane	50.0	51.9		ug/kg	104%	79 - 128	9122234	12/12/09 14:26
1,2-Dichloropropane	50.0	44.7		ug/kg	89%	75 - 120	9122234	12/12/09 14:26

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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								
9122234-BS1								
2,2-Dichloropropane	50.0	46.0		ug/kg	92%	60 - 139	9122234	12/12/09 14:26
cis-1,3-Dichloropropene	50.0	50.2		ug/kg	100%	74 - 136	9122234	12/12/09 14:26
trans-1,3-Dichloropropene	50.0	49.0		ug/kg	98%	73 - 128	9122234	12/12/09 14:26
1,1-Dichloropropene	50.0	48.2		ug/kg	96%	78 - 125	9122234	12/12/09 14:26
Ethylbenzene	50.0	57.0		ug/kg	114%	79 - 130	9122234	12/12/09 14:26
Hexachlorobutadiene	50.0	48.9		ug/kg	98%	75 - 150	9122234	12/12/09 14:26
2-Hexanone	250	257		ug/kg	103%	65 - 150	9122234	12/12/09 14:26
Isopropylbenzene	50.0	52.4		ug/kg	105%	65 - 121	9122234	12/12/09 14:26
p-Isopropyltoluene	50.0	49.6		ug/kg	99%	76 - 133	9122234	12/12/09 14:26
Methyl tert-Butyl Ether	50.0	46.8		ug/kg	94%	70 - 128	9122234	12/12/09 14:26
Methylene Chloride	50.0	48.6		ug/kg	97%	69 - 140	9122234	12/12/09 14:26
4-Methyl-2-pentanone	250	255		ug/kg	102%	67 - 147	9122234	12/12/09 14:26
Naphthalene	50.0	48.3		ug/kg	97%	72 - 150	9122234	12/12/09 14:26
n-Propylbenzene	50.0	52.7		ug/kg	105%	76 - 133	9122234	12/12/09 14:26
Styrene	50.0	55.7		ug/kg	111%	80 - 140	9122234	12/12/09 14:26
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/kg	102%	80 - 132	9122234	12/12/09 14:26
1,1,2,2-Tetrachloroethane	50.0	46.5		ug/kg	93%	75 - 135	9122234	12/12/09 14:26
Tetrachloroethene	50.0	51.6		ug/kg	103%	76 - 130	9122234	12/12/09 14:26
Toluene	50.0	49.4		ug/kg	99%	76 - 126	9122234	12/12/09 14:26
1,2,3-Trichlorobenzene	50.0	51.5		ug/kg	103%	75 - 150	9122234	12/12/09 14:26
1,2,4-Trichlorobenzene	50.0	53.5		ug/kg	107%	64 - 150	9122234	12/12/09 14:26
1,1,2-Trichloroethane	50.0	51.8		ug/kg	104%	73 - 133	9122234	12/12/09 14:26
1,1,1-Trichloroethane	50.0	44.0		ug/kg	88%	70 - 132	9122234	12/12/09 14:26
Trichloroethene	50.0	46.6		ug/kg	93%	79 - 129	9122234	12/12/09 14:26
Trichlorofluoromethane	50.0	43.2		ug/kg	86%	52 - 148	9122234	12/12/09 14:26
1,2,3-Trichloropropane	50.0	44.2		ug/kg	88%	70 - 125	9122234	12/12/09 14:26
1,3,5-Trimethylbenzene	50.0	54.2		ug/kg	108%	80 - 134	9122234	12/12/09 14:26
1,2,4-Trimethylbenzene	50.0	50.7		ug/kg	101%	80 - 132	9122234	12/12/09 14:26
Vinyl chloride	50.0	51.3		ug/kg	103%	53 - 142	9122234	12/12/09 14:26
Xylenes, total	150	175		ug/kg	117%	80 - 130	9122234	12/12/09 14:26
Surrogate: 1,2-Dichloroethane-d4	50.0	44.7			89%	67 - 138	9122234	12/12/09 14:26
Surrogate: Dibromofluoromethane	50.0	47.3			95%	75 - 125	9122234	12/12/09 14:26
Surrogate: Toluene-d8	50.0	50.7			101%	76 - 129	9122234	12/12/09 14:26
Surrogate: 4-Bromofluorobenzene	50.0	51.2			102%	67 - 147	9122234	12/12/09 14:26

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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
Volatile Organic Compounds by EPA Method 8260B												
9121162-BSD1												
Acetone	309			ug/kg	250	124%	60 - 150	8	50	9121162		12/14/09 12:28
Benzene	52.4			ug/kg	50.0	105%	78 - 126	0.5	50	9121162		12/14/09 12:28
Bromobenzene	49.6			ug/kg	50.0	99%	79 - 126	3	50	9121162		12/14/09 12:28
Bromochloromethane	52.6			ug/kg	50.0	105%	78 - 126	0.7	50	9121162		12/14/09 12:28
Bromodichloromethane	52.7			ug/kg	50.0	105%	75 - 129	2	50	9121162		12/14/09 12:28
Bromoform	47.6			ug/kg	50.0	95%	74 - 133	0.9	43	9121162		12/14/09 12:28
Bromomethane	51.6			ug/kg	50.0	103%	50 - 150	2	46	9121162		12/14/09 12:28
2-Butanone	302			ug/kg	250	121%	68 - 149	1	50	9121162		12/14/09 12:28
sec-Butylbenzene	54.2			ug/kg	50.0	108%	76 - 135	2	50	9121162		12/14/09 12:28
n-Butylbenzene	55.1			ug/kg	50.0	110%	73 - 143	1	50	9121162		12/14/09 12:28
tert-Butylbenzene	52.4			ug/kg	50.0	105%	80 - 129	2	50	9121162		12/14/09 12:28
Carbon disulfide	54.6			ug/kg	50.0	109%	80 - 132	0.6	48	9121162		12/14/09 12:28
Carbon Tetrachloride	47.5			ug/kg	50.0	95%	70 - 138	2	44	9121162		12/14/09 12:28
Chlorobenzene	52.6			ug/kg	50.0	105%	80 - 123	1	50	9121162		12/14/09 12:28
Chlorodibromomethane	48.8			ug/kg	50.0	98%	80 - 127	2	48	9121162		12/14/09 12:28
Chloroethane	51.7			ug/kg	50.0	103%	55 - 150	2	50	9121162		12/14/09 12:28
Chloroform	46.0	B		ug/kg	50.0	92%	70 - 127	0.4	50	9121162		12/14/09 12:28
Chloromethane	44.5			ug/kg	50.0	89%	36 - 137	0.8	44	9121162		12/14/09 12:28
2-Chlorotoluene	52.1			ug/kg	50.0	104%	80 - 130	2	50	9121162		12/14/09 12:28
4-Chlorotoluene	51.3			ug/kg	50.0	103%	77 - 132	3	50	9121162		12/14/09 12:28
1,2-Dibromo-3-chloropropane	51.4			ug/kg	50.0	103%	62 - 150	2	45	9121162		12/14/09 12:28
1,2-Dibromoethane (EDB)	54.0			ug/kg	50.0	108%	80 - 131	0.9	45	9121162		12/14/09 12:28
Dibromomethane	52.0			ug/kg	50.0	104%	78 - 128	2	50	9121162		12/14/09 12:28
1,4-Dichlorobenzene	53.3			ug/kg	50.0	107%	80 - 129	4	50	9121162		12/14/09 12:28
1,3-Dichlorobenzene	53.8			ug/kg	50.0	108%	80 - 131	1	50	9121162		12/14/09 12:28
1,2-Dichlorobenzene	54.3			ug/kg	50.0	109%	80 - 127	2	50	9121162		12/14/09 12:28
Dichlorodifluoromethane	33.1			ug/kg	50.0	66%	30 - 150	3	50	9121162		12/14/09 12:28
1,1-Dichloroethane	52.0			ug/kg	50.0	104%	71 - 126	0.3	50	9121162		12/14/09 12:28
1,2-Dichloroethane	45.4			ug/kg	50.0	91%	70 - 139	0.8	50	9121162		12/14/09 12:28
cis-1,2-Dichloroethene	50.3			ug/kg	50.0	101%	75 - 126	0.3	50	9121162		12/14/09 12:28
1,1-Dichloroethene	52.2			ug/kg	50.0	104%	70 - 125	0.7	50	9121162		12/14/09 12:28
trans-1,2-Dichloroethene	48.2			ug/kg	50.0	96%	73 - 128	2	40	9121162		12/14/09 12:28
1,3-Dichloropropane	52.6			ug/kg	50.0	105%	79 - 128	0.5	42	9121162		12/14/09 12:28
1,2-Dichloropropane	50.0			ug/kg	50.0	100%	75 - 120	0.5	50	9121162		12/14/09 12:28
2,2-Dichloropropane	44.7			ug/kg	50.0	89%	60 - 139	1	39	9121162		12/14/09 12:28
cis-1,3-Dichloropropene	57.2			ug/kg	50.0	114%	74 - 136	0.5	50	9121162		12/14/09 12:28
trans-1,3-Dichloropropene	53.8			ug/kg	50.0	108%	73 - 128	2	48	9121162		12/14/09 12:28
1,1-Dichloropropene	49.3			ug/kg	50.0	99%	78 - 125	1	50	9121162		12/14/09 12:28
Ethylbenzene	52.1			ug/kg	50.0	104%	79 - 130	2	50	9121162		12/14/09 12:28
Hexachlorobutadiene	53.9			ug/kg	50.0	108%	75 - 150	1	50	9121162		12/14/09 12:28
2-Hexanone	300			ug/kg	250	120%	65 - 150	0.8	50	9121162		12/14/09 12:28

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121162-BSD1												
Isopropylbenzene	51.4			ug/kg	50.0	103%	65 - 121	3	50	9121162		12/14/09 12:28
p-Isopropyltoluene	52.5			ug/kg	50.0	105%	76 - 133	2	50	9121162		12/14/09 12:28
Methyl tert-Butyl Ether	46.2			ug/kg	50.0	92%	70 - 128	1	50	9121162		12/14/09 12:28
Methylene Chloride	55.1			ug/kg	50.0	110%	69 - 140	3	50	9121162		12/14/09 12:28
4-Methyl-2-pentanone	292			ug/kg	250	117%	67 - 147	0.7	45	9121162		12/14/09 12:28
Naphthalene	58.7			ug/kg	50.0	117%	72 - 150	0.4	50	9121162		12/14/09 12:28
n-Propylbenzene	53.2			ug/kg	50.0	106%	76 - 133	3	50	9121162		12/14/09 12:28
Styrene	56.1			ug/kg	50.0	112%	80 - 140	0.5	50	9121162		12/14/09 12:28
1,1,1,2-Tetrachloroethane	54.1			ug/kg	50.0	108%	80 - 132	2	50	9121162		12/14/09 12:28
1,1,2,2-Tetrachloroethane	57.5			ug/kg	50.0	115%	75 - 135	2	45	9121162		12/14/09 12:28
Tetrachloroethene	50.6			ug/kg	50.0	101%	76 - 130	2	50	9121162		12/14/09 12:28
Toluene	54.0			ug/kg	50.0	108%	76 - 126	1	50	9121162		12/14/09 12:28
1,2,3-Trichlorobenzene	56.3			ug/kg	50.0	113%	75 - 150	1	50	9121162		12/14/09 12:28
1,2,4-Trichlorobenzene	57.2			ug/kg	50.0	114%	64 - 150	2	50	9121162		12/14/09 12:28
1,1,2-Trichloroethane	53.9			ug/kg	50.0	108%	73 - 133	1	50	9121162		12/14/09 12:28
1,1,1-Trichloroethane	45.0			ug/kg	50.0	90%	70 - 132	0.3	41	9121162		12/14/09 12:28
Trichloroethene	51.9			ug/kg	50.0	104%	79 - 129	0.9	50	9121162		12/14/09 12:28
Trichlorofluoromethane	41.2			ug/kg	50.0	82%	52 - 148	2	47	9121162		12/14/09 12:28
1,2,3-Trichloropropane	55.2			ug/kg	50.0	110%	70 - 125	10	47	9121162		12/14/09 12:28
1,3,5-Trimethylbenzene	52.1			ug/kg	50.0	104%	80 - 134	2	50	9121162		12/14/09 12:28
1,2,4-Trimethylbenzene	52.1			ug/kg	50.0	104%	80 - 132	4	50	9121162		12/14/09 12:28
Vinyl chloride	48.5			ug/kg	50.0	97%	53 - 142	1	39	9121162		12/14/09 12:28
Xylenes, total	149			ug/kg	150	99%	80 - 130	1	50	9121162		12/14/09 12:28
Surrogate: 1,2-Dichloroethane-d4	46.7			ug/kg	50.0	93%	67 - 138			9121162		12/14/09 12:28
Surrogate: Dibromofluoromethane	47.8			ug/kg	50.0	96%	75 - 125			9121162		12/14/09 12:28
Surrogate: Toluene-d8	50.5			ug/kg	50.0	101%	76 - 129			9121162		12/14/09 12:28
Surrogate: 4-Bromofluorobenzene	48.0			ug/kg	50.0	96%	67 - 147			9121162		12/14/09 12:28
9121616-BSD1												
Acetone	352			ug/L	250	141%	56 - 150	4	31	9121616		12/09/09 15:54
Benzene	51.8			ug/L	50.0	104%	80 - 121	0.3	12	9121616		12/09/09 15:54
Bromobenzene	49.0			ug/L	50.0	98%	72 - 130	3	23	9121616		12/09/09 15:54
Bromochloromethane	56.0			ug/L	50.0	112%	73 - 137	3	32	9121616		12/09/09 15:54
Bromodichloromethane	60.8			ug/L	50.0	122%	75 - 131	3	13	9121616		12/09/09 15:54
Bromoform	53.3			ug/L	50.0	107%	65 - 140	3	18	9121616		12/09/09 15:54
Bromomethane	58.1			ug/L	50.0	116%	50 - 150	0.4	50	9121616		12/09/09 15:54
2-Butanone	311			ug/L	250	124%	70 - 144	3	37	9121616		12/09/09 15:54
sec-Butylbenzene	53.4			ug/L	50.0	107%	72 - 140	3	21	9121616		12/09/09 15:54
n-Butylbenzene	54.5			ug/L	50.0	109%	68 - 140	4	11	9121616		12/09/09 15:54
tert-Butylbenzene	53.0			ug/L	50.0	106%	76 - 135	3	20	9121616		12/09/09 15:54
Carbon disulfide	54.2			ug/L	50.0	108%	74 - 137	2	28	9121616		12/09/09 15:54

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121616-BSD1												
Carbon Tetrachloride	63.7			ug/L	50.0	127%	71 - 137	1	26	9121616		12/09/09 15:54
Chlorobenzene	51.3			ug/L	50.0	103%	80 - 121	2	11	9121616		12/09/09 15:54
Chlorodibromomethane	54.5			ug/L	50.0	109%	68 - 137	3	16	9121616		12/09/09 15:54
Chloroethane	51.2			ug/L	50.0	102%	50 - 146	0.7	35	9121616		12/09/09 15:54
Chloroform	62.1			ug/L	50.0	124%	73 - 131	1	32	9121616		12/09/09 15:54
Chloromethane	55.2			ug/L	50.0	110%	30 - 132	2	34	9121616		12/09/09 15:54
2-Chlorotoluene	49.7			ug/L	50.0	99%	74 - 135	3	22	9121616		12/09/09 15:54
4-Chlorotoluene	49.9			ug/L	50.0	100%	74 - 132	3	22	9121616		12/09/09 15:54
1,2-Dibromo-3-chloropropane	50.4			ug/L	50.0	101%	56 - 145	2	21	9121616		12/09/09 15:54
1,2-Dibromoethane (EDB)	56.7			ug/L	50.0	113%	80 - 135	2	10	9121616		12/09/09 15:54
Dibromomethane	61.7			ug/L	50.0	123%	78 - 133	3	11	9121616		12/09/09 15:54
1,4-Dichlorobenzene	49.4			ug/L	50.0	99%	80 - 120	3	10	9121616		12/09/09 15:54
1,3-Dichlorobenzene	49.4			ug/L	50.0	99%	80 - 128	3	18	9121616		12/09/09 15:54
1,2-Dichlorobenzene	51.0			ug/L	50.0	102%	80 - 125	2	11	9121616		12/09/09 15:54
Dichlorodifluoromethane	43.2			ug/L	50.0	86%	30 - 132	1	32	9121616		12/09/09 15:54
1,1-Dichloroethane	56.0			ug/L	50.0	112%	75 - 125	1	34	9121616		12/09/09 15:54
1,2-Dichloroethane	67.1			ug/L	50.0	134%	70 - 134	2	25	9121616		12/09/09 15:54
cis-1,2-Dichloroethene	59.2			ug/L	50.0	118%	71 - 132	0.4	32	9121616		12/09/09 15:54
1,1-Dichloroethene	55.2			ug/L	50.0	110%	73 - 125	0.8	31	9121616		12/09/09 15:54
trans-1,2-Dichloroethene	58.8			ug/L	50.0	118%	77 - 125	2	32	9121616		12/09/09 15:54
1,3-Dichloropropane	54.2			ug/L	50.0	108%	76 - 125	2	20	9121616		12/09/09 15:54
1,2-Dichloropropane	51.0			ug/L	50.0	102%	72 - 120	2	11	9121616		12/09/09 15:54
2,2-Dichloropropane	64.3			ug/L	50.0	129%	50 - 150	1	11	9121616		12/09/09 15:54
cis-1,3-Dichloropropene	51.1			ug/L	50.0	102%	70 - 140	0.9	35	9121616		12/09/09 15:54
trans-1,3-Dichloropropene	55.2			ug/L	50.0	110%	62 - 139	5	26	9121616		12/09/09 15:54
1,1-Dichloropropene	57.1			ug/L	50.0	114%	78 - 126	2	18	9121616		12/09/09 15:54
Ethylbenzene	53.4			ug/L	50.0	107%	78 - 133	2	12	9121616		12/09/09 15:54
Hexachlorobutadiene	66.1	B		ug/L	50.0	132%	70 - 150	5	21	9121616		12/09/09 15:54
2-Hexanone	316			ug/L	250	127%	60 - 150	4	20	9121616		12/09/09 15:54
Isopropylbenzene	54.1			ug/L	50.0	108%	69 - 120	0.9	15	9121616		12/09/09 15:54
p-Isopropyltoluene	52.5			ug/L	50.0	105%	72 - 134	3	18	9121616		12/09/09 15:54
Methyl tert-Butyl Ether	57.2			ug/L	50.0	114%	76 - 120	4	32	9121616		12/09/09 15:54
Methylene Chloride	57.1			ug/L	50.0	114%	80 - 133	1	36	9121616		12/09/09 15:54
4-Methyl-2-pentanone	273			ug/L	250	109%	62 - 146	3	35	9121616		12/09/09 15:54
Naphthalene	65.8			ug/L	50.0	132%	71 - 139	9	30	9121616		12/09/09 15:54
n-Propylbenzene	50.2			ug/L	50.0	100%	70 - 143	2	23	9121616		12/09/09 15:54
Styrene	53.7			ug/L	50.0	107%	80 - 136	1	29	9121616		12/09/09 15:54
1,1,1,2-Tetrachloroethane	58.8			ug/L	50.0	118%	80 - 130	1	11	9121616		12/09/09 15:54
1,1,2,2-Tetrachloroethane	51.1			ug/L	50.0	102%	73 - 131	3	28	9121616		12/09/09 15:54
Tetrachloroethene	53.2			ug/L	50.0	106%	77 - 131	1	16	9121616		12/09/09 15:54
Toluene	47.6			ug/L	50.0	95%	78 - 125	0.2	35	9121616		12/09/09 15:54

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121616-BSD1												
1,2,3-Trichlorobenzene	85.7	L, B	ug/L	50.0	171%	71 - 138	10	28	9121616		12/09/09 15:54	
1,2,4-Trichlorobenzene	70.3	L	ug/L	50.0	141%	74 - 136	6	23	9121616		12/09/09 15:54	
1,1,2-Trichloroethane	55.1		ug/L	50.0	110%	80 - 123	3	21	9121616		12/09/09 15:54	
1,1,1-Trichloroethane	60.1		ug/L	50.0	120%	75 - 137	1	29	9121616		12/09/09 15:54	
Trichloroethene	57.3		ug/L	50.0	115%	74 - 139	3	11	9121616		12/09/09 15:54	
Trichlorofluoromethane	55.8		ug/L	50.0	112%	60 - 133	1	33	9121616		12/09/09 15:54	
1,2,3-Trichloropropane	47.6		ug/L	50.0	95%	64 - 127	3	25	9121616		12/09/09 15:54	
1,3,5-Trimethylbenzene	52.3		ug/L	50.0	105%	75 - 134	3	21	9121616		12/09/09 15:54	
1,2,4-Trimethylbenzene	52.4		ug/L	50.0	105%	77 - 134	2	20	9121616		12/09/09 15:54	
Vinyl chloride	50.9		ug/L	50.0	102%	60 - 122	0.9	32	9121616		12/09/09 15:54	
o-Xylene	52.2		ug/L	50.0	104%	66 - 150	1	27	9121616		12/09/09 15:54	
m,p-Xylene	105		ug/L	100	105%	78 - 132	0.9	16	9121616		12/09/09 15:54	
Xylenes, total	157		ug/L	150	104%	78 - 134	1	18	9121616		12/09/09 15:54	
Surrogate: 1,2-Dichloroethane-d4	29.5		ug/L	25.0	118%	63 - 140			9121616		12/09/09 15:54	
Surrogate: Dibromofluoromethane	27.4		ug/L	25.0	109%	73 - 131			9121616		12/09/09 15:54	
Surrogate: Toluene-d8	22.9		ug/L	25.0	92%	80 - 120			9121616		12/09/09 15:54	
Surrogate: 4-Bromofluorobenzene	24.1		ug/L	25.0	96%	79 - 125			9121616		12/09/09 15:54	
9121711-BSD1												
Acetone	307		ug/kg	250	123%	60 - 150	2	50	9121711		12/13/09 18:38	
Benzene	50.9		ug/kg	50.0	102%	78 - 126	0.7	50	9121711		12/13/09 18:38	
Bromobenzene	56.4		ug/kg	50.0	113%	79 - 126	1	50	9121711		12/13/09 18:38	
Bromoform	49.0		ug/kg	50.0	98%	78 - 126	0.2	50	9121711		12/13/09 18:38	
Bromochloromethane	51.9		ug/kg	50.0	104%	75 - 129	2	50	9121711		12/13/09 18:38	
Bromodichloromethane	50.8		ug/kg	50.0	102%	74 - 133	1	43	9121711		12/13/09 18:38	
Bromoform	54.9		ug/kg	50.0	110%	50 - 150	1	46	9121711		12/13/09 18:38	
2-Butanone	284		ug/kg	250	113%	68 - 149	1	50	9121711		12/13/09 18:38	
sec-Butylbenzene	54.4		ug/kg	50.0	109%	76 - 135	0.7	50	9121711		12/13/09 18:38	
n-Butylbenzene	53.2		ug/kg	50.0	106%	73 - 143	1	50	9121711		12/13/09 18:38	
tert-Butylbenzene	55.0		ug/kg	50.0	110%	80 - 129	0.9	50	9121711		12/13/09 18:38	
Carbon disulfide	50.0		ug/kg	50.0	100%	80 - 132	0.9	48	9121711		12/13/09 18:38	
Carbon Tetrachloride	51.2		ug/kg	50.0	102%	70 - 138	0.2	44	9121711		12/13/09 18:38	
Chlorobenzene	52.4		ug/kg	50.0	105%	80 - 123	0.4	50	9121711		12/13/09 18:38	
Chlorodibromomethane	51.3		ug/kg	50.0	103%	80 - 127	0.2	48	9121711		12/13/09 18:38	
Chloroethane	50.4		ug/kg	50.0	101%	55 - 150	0.9	50	9121711		12/13/09 18:38	
Chloroform	51.0		ug/kg	50.0	102%	70 - 127	0.4	50	9121711		12/13/09 18:38	
Chloromethane	46.5		ug/kg	50.0	93%	36 - 137	0.2	44	9121711		12/13/09 18:38	
2-Chlorotoluene	57.9		ug/kg	50.0	116%	80 - 130	0.8	50	9121711		12/13/09 18:38	
4-Chlorotoluene	57.0		ug/kg	50.0	114%	77 - 132	1	50	9121711		12/13/09 18:38	
1,2-Dibromo-3-chloropropane	56.2		ug/kg	50.0	112%	62 - 150	3	45	9121711		12/13/09 18:38	
1,2-Dibromoethane (EDB)	60.5		ug/kg	50.0	121%	80 - 131	0.6	45	9121711		12/13/09 18:38	

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121711-BSD1												
Dibromomethane	53.2			ug/kg	50.0	106%	78 - 128	0.3	50	9121711		12/13/09 18:38
1,4-Dichlorobenzene	50.8			ug/kg	50.0	102%	80 - 129	0.3	50	9121711		12/13/09 18:38
1,3-Dichlorobenzene	56.1			ug/kg	50.0	112%	80 - 131	0.8	50	9121711		12/13/09 18:38
1,2-Dichlorobenzene	56.7			ug/kg	50.0	113%	80 - 127	0.8	50	9121711		12/13/09 18:38
Dichlorodifluoromethane	44.0			ug/kg	50.0	88%	30 - 150	1	50	9121711		12/13/09 18:38
1,1-Dichloroethane	50.4			ug/kg	50.0	101%	71 - 126	1	50	9121711		12/13/09 18:38
1,2-Dichloroethane	49.4			ug/kg	50.0	99%	70 - 139	0.8	50	9121711		12/13/09 18:38
cis-1,2-Dichloroethene	51.0			ug/kg	50.0	102%	75 - 126	1	50	9121711		12/13/09 18:38
1,1-Dichloroethene	52.3			ug/kg	50.0	105%	70 - 125	2	50	9121711		12/13/09 18:38
trans-1,2-Dichloroethene	51.2			ug/kg	50.0	102%	73 - 128	0.4	40	9121711		12/13/09 18:38
1,3-Dichloropropane	55.5			ug/kg	50.0	111%	79 - 128	1	42	9121711		12/13/09 18:38
1,2-Dichloropropane	49.0			ug/kg	50.0	98%	75 - 120	0.02	50	9121711		12/13/09 18:38
2,2-Dichloropropane	51.8			ug/kg	50.0	104%	60 - 139	0.7	39	9121711		12/13/09 18:38
cis-1,3-Dichloropropene	57.9			ug/kg	50.0	116%	74 - 136	2	50	9121711		12/13/09 18:38
trans-1,3-Dichloropropene	49.3			ug/kg	50.0	99%	73 - 128	2	48	9121711		12/13/09 18:38
1,1-Dichloropropene	52.3			ug/kg	50.0	105%	78 - 125	0.3	50	9121711		12/13/09 18:38
Ethylbenzene	56.8			ug/kg	50.0	114%	79 - 130	0.9	50	9121711		12/13/09 18:38
Hexachlorobutadiene	62.4			ug/kg	50.0	125%	75 - 150	3	50	9121711		12/13/09 18:38
2-Hexanone	272			ug/kg	250	109%	65 - 150	2	50	9121711		12/13/09 18:38
Isopropylbenzene	52.6			ug/kg	50.0	105%	65 - 121	1	50	9121711		12/13/09 18:38
p-Isopropyltoluene	53.0			ug/kg	50.0	106%	76 - 133	2	50	9121711		12/13/09 18:38
Methyl tert-Butyl Ether	55.7			ug/kg	50.0	111%	70 - 128	1	50	9121711		12/13/09 18:38
Methylene Chloride	51.1			ug/kg	50.0	102%	69 - 140	1	50	9121711		12/13/09 18:38
4-Methyl-2-pentanone	296			ug/kg	250	118%	67 - 147	1	45	9121711		12/13/09 18:38
Naphthalene	68.8			ug/kg	50.0	138%	72 - 150	6	50	9121711		12/13/09 18:38
n-Propylbenzene	58.8			ug/kg	50.0	118%	76 - 133	0.4	50	9121711		12/13/09 18:38
Styrene	52.3			ug/kg	50.0	105%	80 - 140	1	50	9121711		12/13/09 18:38
1,1,1,2-Tetrachloroethane	55.7			ug/kg	50.0	111%	80 - 132	1	50	9121711		12/13/09 18:38
1,1,2,2-Tetrachloroethane	57.4			ug/kg	50.0	115%	75 - 135	4	45	9121711		12/13/09 18:38
Tetrachloroethene	52.0			ug/kg	50.0	104%	76 - 130	2	50	9121711		12/13/09 18:38
Toluene	52.4			ug/kg	50.0	105%	76 - 126	2	50	9121711		12/13/09 18:38
1,2,3-Trichlorobenzene	73.7			ug/kg	50.0	147%	75 - 150	9	50	9121711		12/13/09 18:38
1,2,4-Trichlorobenzene	61.2			ug/kg	50.0	122%	64 - 150	3	50	9121711		12/13/09 18:38
1,1,2-Trichloroethane	55.1			ug/kg	50.0	110%	73 - 133	0.8	50	9121711		12/13/09 18:38
1,1,1-Trichloroethane	51.9			ug/kg	50.0	104%	70 - 132	0.6	41	9121711		12/13/09 18:38
Trichloroethene	52.1			ug/kg	50.0	104%	79 - 129	3	50	9121711		12/13/09 18:38
Trichlorofluoromethane	47.1			ug/kg	50.0	94%	52 - 148	0	47	9121711		12/13/09 18:38
1,2,3-Trichloropropane	53.8			ug/kg	50.0	108%	70 - 125	2	47	9121711		12/13/09 18:38
1,3,5-Trimethylbenzene	53.8			ug/kg	50.0	108%	80 - 134	1	50	9121711		12/13/09 18:38
1,2,4-Trimethylbenzene	54.6			ug/kg	50.0	109%	80 - 132	0.5	50	9121711		12/13/09 18:38
Vinyl chloride	50.5			ug/kg	50.0	101%	53 - 142	0.8	39	9121711		12/13/09 18:38

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121711-BSD1												
Xylenes, total	164			ug/kg	150	109%	80 - 130	1	50	9121711		12/13/09 18:38
Surrogate: 1,2-Dichloroethane-d4	24.0			ug/kg	25.0	96%	67 - 138			9121711		12/13/09 18:38
Surrogate: Dibromofluoromethane	25.2			ug/kg	25.0	101%	75 - 125			9121711		12/13/09 18:38
Surrogate: Toluene-d8	26.0			ug/kg	25.0	104%	76 - 129			9121711		12/13/09 18:38
Surrogate: 4-Bromofluorobenzene	26.6			ug/kg	25.0	106%	67 - 147			9121711		12/13/09 18:38
9122234-BSD1												
Acetone	239			ug/kg	250	96%	60 - 150	8	50	9122234		12/12/09 14:55
Benzene	46.1			ug/kg	50.0	92%	78 - 126	0.6	50	9122234		12/12/09 14:55
Bromobenzene	47.5			ug/kg	50.0	95%	79 - 126	0.1	50	9122234		12/12/09 14:55
Bromoform	47.5			ug/kg	50.0	95%	78 - 126	1	50	9122234		12/12/09 14:55
Bromochloromethane	47.2			ug/kg	50.0	94%	75 - 129	3	50	9122234		12/12/09 14:55
Bromodichloromethane	47.2			ug/kg	50.0	94%	75 - 129	3	50	9122234		12/12/09 14:55
Bromoform	46.7			ug/kg	50.0	93%	74 - 133	4	43	9122234		12/12/09 14:55
Bromomethane	52.3			ug/kg	50.0	105%	50 - 150	2	46	9122234		12/12/09 14:55
2-Butanone	257			ug/kg	250	103%	68 - 149	5	50	9122234		12/12/09 14:55
sec-Butylbenzene	55.3			ug/kg	50.0	111%	76 - 135	2	50	9122234		12/12/09 14:55
n-Butylbenzene	54.7			ug/kg	50.0	109%	73 - 143	2	50	9122234		12/12/09 14:55
tert-Butylbenzene	47.4			ug/kg	50.0	95%	80 - 129	3	50	9122234		12/12/09 14:55
Carbon disulfide	48.3			ug/kg	50.0	97%	80 - 132	3	48	9122234		12/12/09 14:55
Carbon Tetrachloride	44.5			ug/kg	50.0	89%	70 - 138	2	44	9122234		12/12/09 14:55
Chlorobenzene	48.2			ug/kg	50.0	96%	80 - 123	3	50	9122234		12/12/09 14:55
Chlorodibromomethane	51.7			ug/kg	50.0	103%	80 - 127	1	48	9122234		12/12/09 14:55
Chloroethane	46.1			ug/kg	50.0	92%	55 - 150	3	50	9122234		12/12/09 14:55
Chloroform	44.7	B		ug/kg	50.0	89%	70 - 127	1	50	9122234		12/12/09 14:55
Chloromethane	49.0			ug/kg	50.0	98%	36 - 137	2	44	9122234		12/12/09 14:55
2-Chlorotoluene	51.0			ug/kg	50.0	102%	80 - 130	2	50	9122234		12/12/09 14:55
4-Chlorotoluene	48.9			ug/kg	50.0	98%	77 - 132	2	50	9122234		12/12/09 14:55
1,2-Dibromo-3-chloropropane	49.3			ug/kg	50.0	99%	62 - 150	7	45	9122234		12/12/09 14:55
1,2-Dibromoethane (EDB)	53.6			ug/kg	50.0	107%	80 - 131	2	45	9122234		12/12/09 14:55
Dibromomethane	47.0			ug/kg	50.0	94%	78 - 128	1	50	9122234		12/12/09 14:55
1,4-Dichlorobenzene	44.5			ug/kg	50.0	89%	80 - 129	0.9	50	9122234		12/12/09 14:55
1,3-Dichlorobenzene	48.0			ug/kg	50.0	96%	80 - 131	1	50	9122234		12/12/09 14:55
1,2-Dichlorobenzene	47.6			ug/kg	50.0	95%	80 - 127	0.1	50	9122234		12/12/09 14:55
Dichlorodifluoromethane	48.6			ug/kg	50.0	97%	30 - 150	5	50	9122234		12/12/09 14:55
1,1-Dichloroethane	46.2			ug/kg	50.0	92%	71 - 126	0.6	50	9122234		12/12/09 14:55
1,2-Dichloroethane	44.7			ug/kg	50.0	89%	70 - 139	3	50	9122234		12/12/09 14:55
cis-1,2-Dichloroethene	46.9			ug/kg	50.0	94%	75 - 126	1	50	9122234		12/12/09 14:55
1,1-Dichloroethene	46.8			ug/kg	50.0	94%	70 - 125	0.8	50	9122234		12/12/09 14:55
trans-1,2-Dichloroethene	45.3			ug/kg	50.0	91%	73 - 128	2	40	9122234		12/12/09 14:55
1,3-Dichloropropane	51.9			ug/kg	50.0	104%	79 - 128	0	42	9122234		12/12/09 14:55
1,2-Dichloropropane	44.4			ug/kg	50.0	89%	75 - 120	0.6	50	9122234		12/12/09 14:55

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9122234-BSD1												
2,2-Dichloropropane	46.0			ug/kg	50.0	92%	60 - 139	0.02	39	9122234		12/12/09 14:55
cis-1,3-Dichloropropene	50.8			ug/kg	50.0	102%	74 - 136	1	50	9122234		12/12/09 14:55
trans-1,3-Dichloropropene	49.8			ug/kg	50.0	100%	73 - 128	2	48	9122234		12/12/09 14:55
1,1-Dichloropropene	47.6			ug/kg	50.0	95%	78 - 125	1	50	9122234		12/12/09 14:55
Ethylbenzene	55.7			ug/kg	50.0	111%	79 - 130	2	50	9122234		12/12/09 14:55
Hexachlorobutadiene	48.1			ug/kg	50.0	96%	75 - 150	2	50	9122234		12/12/09 14:55
2-Hexanone	276			ug/kg	250	111%	65 - 150	7	50	9122234		12/12/09 14:55
Isopropylbenzene	51.5			ug/kg	50.0	103%	65 - 121	2	50	9122234		12/12/09 14:55
p-Isopropyltoluene	48.2			ug/kg	50.0	96%	76 - 133	3	50	9122234		12/12/09 14:55
Methyl tert-Butyl Ether	47.8			ug/kg	50.0	96%	70 - 128	2	50	9122234		12/12/09 14:55
Methylene Chloride	48.7			ug/kg	50.0	97%	69 - 140	0.2	50	9122234		12/12/09 14:55
4-Methyl-2-pentanone	274			ug/kg	250	110%	67 - 147	7	45	9122234		12/12/09 14:55
Naphthalene	50.6			ug/kg	50.0	101%	72 - 150	5	50	9122234		12/12/09 14:55
n-Propylbenzene	51.3			ug/kg	50.0	103%	76 - 133	3	50	9122234		12/12/09 14:55
Styrene	54.6			ug/kg	50.0	109%	80 - 140	2	50	9122234		12/12/09 14:55
1,1,1,2-Tetrachloroethane	50.5			ug/kg	50.0	101%	80 - 132	0.6	50	9122234		12/12/09 14:55
1,1,2,2-Tetrachloroethane	48.5			ug/kg	50.0	97%	75 - 135	4	45	9122234		12/12/09 14:55
Tetrachloroethene	50.0			ug/kg	50.0	100%	76 - 130	3	50	9122234		12/12/09 14:55
Toluene	48.4			ug/kg	50.0	97%	76 - 126	2	50	9122234		12/12/09 14:55
1,2,3-Trichlorobenzene	52.6			ug/kg	50.0	105%	75 - 150	2	50	9122234		12/12/09 14:55
1,2,4-Trichlorobenzene	53.8			ug/kg	50.0	108%	64 - 150	0.5	50	9122234		12/12/09 14:55
1,1,2-Trichloroethane	49.3			ug/kg	50.0	99%	73 - 133	5	50	9122234		12/12/09 14:55
1,1,1-Trichloroethane	43.8			ug/kg	50.0	88%	70 - 132	0.4	41	9122234		12/12/09 14:55
Trichloroethene	46.4			ug/kg	50.0	93%	79 - 129	0.6	50	9122234		12/12/09 14:55
Trichlorofluoromethane	43.5			ug/kg	50.0	87%	52 - 148	0.7	47	9122234		12/12/09 14:55
1,2,3-Trichloropropane	45.8			ug/kg	50.0	92%	70 - 125	4	47	9122234		12/12/09 14:55
1,3,5-Trimethylbenzene	53.0			ug/kg	50.0	106%	80 - 134	2	50	9122234		12/12/09 14:55
1,2,4-Trimethylbenzene	49.2			ug/kg	50.0	98%	80 - 132	3	50	9122234		12/12/09 14:55
Vinyl chloride	49.8			ug/kg	50.0	100%	53 - 142	3	39	9122234		12/12/09 14:55
Xylenes, total	168			ug/kg	150	112%	80 - 130	4	50	9122234		12/12/09 14:55
Surrogate: 1,2-Dichloroethane-d4	46.4			ug/kg	50.0	93%	67 - 138			9122234		12/12/09 14:55
Surrogate: Dibromofluoromethane	47.4			ug/kg	50.0	95%	75 - 125			9122234		12/12/09 14:55
Surrogate: Toluene-d8	50.4			ug/kg	50.0	101%	76 - 129			9122234		12/12/09 14:55
Surrogate: 4-Bromofluorobenzene	50.9			ug/kg	50.0	102%	67 - 147			9122234		12/12/09 14:55

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
9121162-MS1										
Acetone	8.53	316		ug/kg	250	123%	29 - 181	9121162	NSL1304-04	12/14/09 22:09
Benzene	ND	42.5		ug/kg	50.0	85%	42 - 141	9121162	NSL1304-04	12/14/09 22:09
Bromobenzene	ND	41.6		ug/kg	50.0	83%	19 - 154	9121162	NSL1304-04	12/14/09 22:09
Bromoform	ND	46.6		ug/kg	50.0	93%	41 - 146	9121162	NSL1304-04	12/14/09 22:09
Bromochloromethane	ND	44.8		ug/kg	50.0	90%	32 - 155	9121162	NSL1304-04	12/14/09 22:09
Bromodichloromethane	ND	42.9		ug/kg	50.0	86%	10 - 155	9121162	NSL1304-04	12/14/09 22:09
Bromomethane	ND	40.6		ug/kg	50.0	81%	10 - 199	9121162	NSL1304-04	12/14/09 22:09
2-Butanone	ND	297		ug/kg	250	119%	38 - 161	9121162	NSL1304-04	12/14/09 22:09
sec-Butylbenzene	ND	44.3		ug/kg	50.0	89%	10 - 170	9121162	NSL1304-04	12/14/09 22:09
n-Butylbenzene	ND	45.6		ug/kg	50.0	91%	10 - 183	9121162	NSL1304-04	12/14/09 22:09
tert-Butylbenzene	ND	42.1		ug/kg	50.0	84%	11 - 165	9121162	NSL1304-04	12/14/09 22:09
Carbon disulfide	ND	40.4		ug/kg	50.0	81%	50 - 136	9121162	NSL1304-04	12/14/09 22:09
Carbon Tetrachloride	ND	38.6		ug/kg	50.0	77%	30 - 159	9121162	NSL1304-04	12/14/09 22:09
Chlorobenzene	ND	45.3		ug/kg	50.0	91%	25 - 151	9121162	NSL1304-04	12/14/09 22:09
Chlorodibromomethane	ND	43.0		ug/kg	50.0	86%	27 - 150	9121162	NSL1304-04	12/14/09 22:09
Chloroethane	ND	39.4		ug/kg	50.0	79%	15 - 197	9121162	NSL1304-04	12/14/09 22:09
Chloroform	5.41	44.2	B	ug/kg	50.0	78%	33 - 148	9121162	NSL1304-04	12/14/09 22:09
Chloromethane	ND	36.4		ug/kg	50.0	73%	10 - 166	9121162	NSL1304-04	12/14/09 22:09
2-Chlorotoluene	ND	43.5		ug/kg	50.0	87%	25 - 166	9121162	NSL1304-04	12/14/09 22:09
4-Chlorotoluene	ND	44.0		ug/kg	50.0	88%	19 - 163	9121162	NSL1304-04	12/14/09 22:09
1,2-Dibromo-3-chloropropane	ND	47.6		ug/kg	50.0	95%	10 - 167	9121162	NSL1304-04	12/14/09 22:09
1,2-Dibromoethane (EDB)	ND	50.7		ug/kg	50.0	101%	30 - 155	9121162	NSL1304-04	12/14/09 22:09
Dibromomethane	ND	48.8		ug/kg	50.0	98%	30 - 149	9121162	NSL1304-04	12/14/09 22:09
1,4-Dichlorobenzene	ND	46.5		ug/kg	50.0	93%	10 - 170	9121162	NSL1304-04	12/14/09 22:09
1,3-Dichlorobenzene	ND	45.8		ug/kg	50.0	92%	10 - 173	9121162	NSL1304-04	12/14/09 22:09
1,2-Dichlorobenzene	ND	47.2		ug/kg	50.0	94%	10 - 168	9121162	NSL1304-04	12/14/09 22:09
Dichlorodifluoromethane	ND	26.1		ug/kg	50.0	52%	10 - 188	9121162	NSL1304-04	12/14/09 22:09
1,1-Dichloroethane	ND	41.5		ug/kg	50.0	83%	51 - 135	9121162	NSL1304-04	12/14/09 22:09
1,2-Dichloroethane	ND	42.1		ug/kg	50.0	84%	32 - 155	9121162	NSL1304-04	12/14/09 22:09
cis-1,2-Dichloroethene	ND	41.0		ug/kg	50.0	82%	32 - 150	9121162	NSL1304-04	12/14/09 22:09
1,1-Dichloroethene	ND	38.8		ug/kg	50.0	78%	46 - 141	9121162	NSL1304-04	12/14/09 22:09
trans-1,2-Dichloroethene	ND	40.3		ug/kg	50.0	81%	41 - 146	9121162	NSL1304-04	12/14/09 22:09
1,3-Dichloropropane	ND	48.5		ug/kg	50.0	97%	35 - 148	9121162	NSL1304-04	12/14/09 22:09
1,2-Dichloropropane	ND	42.2		ug/kg	50.0	84%	34 - 139	9121162	NSL1304-04	12/14/09 22:09
2,2-Dichloropropane	ND	36.1		ug/kg	50.0	72%	29 - 152	9121162	NSL1304-04	12/14/09 22:09
cis-1,3-Dichloropropene	ND	44.2		ug/kg	50.0	88%	23 - 152	9121162	NSL1304-04	12/14/09 22:09
trans-1,3-Dichloropropene	ND	46.3		ug/kg	50.0	93%	24 - 151	9121162	NSL1304-04	12/14/09 22:09

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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										
9121162-MS1										
1,1-Dichloropropene	ND	38.7		ug/kg	50.0	77%	40 - 151	9121162	NSL1304-04	12/14/09 22:09
Ethylbenzene	ND	43.6		ug/kg	50.0	87%	21 - 165	9121162	NSL1304-04	12/14/09 22:09
Hexachlorobutadiene	ND	45.9		ug/kg	50.0	92%	10 - 173	9121162	NSL1304-04	12/14/09 22:09
2-Hexanone	ND	303		ug/kg	250	121%	13 - 174	9121162	NSL1304-04	12/14/09 22:09
Isopropylbenzene	ND	42.8		ug/kg	50.0	86%	20 - 139	9121162	NSL1304-04	12/14/09 22:09
p-Isopropyltoluene	ND	43.6		ug/kg	50.0	87%	10 - 164	9121162	NSL1304-04	12/14/09 22:09
Methyl tert-Butyl Ether	ND	40.2		ug/kg	50.0	80%	34 - 154	9121162	NSL1304-04	12/14/09 22:09
Methylene Chloride	5.75	50.6		ug/kg	50.0	90%	36 - 163	9121162	NSL1304-04	12/14/09 22:09
4-Methyl-2-pentanone	ND	272		ug/kg	250	109%	19 - 176	9121162	NSL1304-04	12/14/09 22:09
Naphthalene	ND	46.7		ug/kg	50.0	93%	10 - 160	9121162	NSL1304-04	12/14/09 22:09
n-Propylbenzene	ND	44.5		ug/kg	50.0	89%	16 - 174	9121162	NSL1304-04	12/14/09 22:09
Styrene	ND	29.3		ug/kg	50.0	59%	10 - 177	9121162	NSL1304-04	12/14/09 22:09
1,1,1,2-Tetrachloroethane	ND	47.1		ug/kg	50.0	94%	31 - 150	9121162	NSL1304-04	12/14/09 22:09
1,1,2,2-Tetrachloroethane	ND	54.6		ug/kg	50.0	109%	27 - 163	9121162	NSL1304-04	12/14/09 22:09
Tetrachloroethene	5.10	45.8		ug/kg	50.0	81%	33 - 155	9121162	NSL1304-04	12/14/09 22:09
Toluene	ND	46.5		ug/kg	50.0	93%	45 - 145	9121162	NSL1304-04	12/14/09 22:09
1,2,3-Trichlorobenzene	ND	47.0		ug/kg	50.0	94%	10 - 182	9121162	NSL1304-04	12/14/09 22:09
1,2,4-Trichlorobenzene	ND	46.8		ug/kg	50.0	94%	10 - 175	9121162	NSL1304-04	12/14/09 22:09
1,1,2-Trichloroethane	ND	50.4		ug/kg	50.0	101%	43 - 145	9121162	NSL1304-04	12/14/09 22:09
1,1,1-Trichloroethane	ND	36.5		ug/kg	50.0	73%	39 - 148	9121162	NSL1304-04	12/14/09 22:09
Trichloroethene	ND	40.8		ug/kg	50.0	82%	39 - 150	9121162	NSL1304-04	12/14/09 22:09
Trichlorofluoromethane	ND	33.3		ug/kg	50.0	67%	25 - 174	9121162	NSL1304-04	12/14/09 22:09
1,2,3-Trichloropropane	ND	52.9		ug/kg	50.0	106%	10 - 152	9121162	NSL1304-04	12/14/09 22:09
1,3,5-Trimethylbenzene	ND	43.4		ug/kg	50.0	87%	38 - 148	9121162	NSL1304-04	12/14/09 22:09
1,2,4-Trimethylbenzene	ND	43.4		ug/kg	50.0	87%	22 - 164	9121162	NSL1304-04	12/14/09 22:09
Vinyl chloride	ND	35.0		ug/kg	50.0	70%	32 - 163	9121162	NSL1304-04	12/14/09 22:09
Xylenes, total	ND	128		ug/kg	150	85%	31 - 159	9121162	NSL1304-04	12/14/09 22:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.4		ug/kg	50.0	99%	67 - 138	9121162	NSL1304-04	12/14/09 22:09
<i>Surrogate: Dibromofluoromethane</i>		49.6		ug/kg	50.0	99%	75 - 125	9121162	NSL1304-04	12/14/09 22:09
<i>Surrogate: Toluene-d8</i>		56.3		ug/kg	50.0	113%	76 - 129	9121162	NSL1304-04	12/14/09 22:09
<i>Surrogate: 4-Bromofluorobenzene</i>		46.3		ug/kg	50.0	93%	67 - 147	9121162	NSL1304-04	12/14/09 22:09
9121616-MS1										
Acetone	ND	271		ug/L	250	109%	56 - 150	9121616	NSL0918-01	12/10/09 09:22
Benzene	ND	55.8		ug/L	50.0	112%	65 - 151	9121616	NSL0918-01	12/10/09 09:22
Bromobenzene	ND	48.9		ug/L	50.0	98%	69 - 142	9121616	NSL0918-01	12/10/09 09:22
Bromoform	ND	60.2		ug/L	50.0	120%	64 - 154	9121616	NSL0918-01	12/10/09 09:22

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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										
9121616-MS1										
Bromodichloromethane	ND	67.0		ug/L	50.0	134%	75 - 138	9121616	NSL0918-01	12/10/09 09:22
Bromoform	ND	58.1		ug/L	50.0	116%	55 - 153	9121616	NSL0918-01	12/10/09 09:22
Bromomethane	ND	55.3		ug/L	50.0	111%	13 - 176	9121616	NSL0918-01	12/10/09 09:22
2-Butanone	ND	295		ug/L	250	118%	45 - 164	9121616	NSL0918-01	12/10/09 09:22
sec-Butylbenzene	ND	55.5		ug/L	50.0	111%	68 - 159	9121616	NSL0918-01	12/10/09 09:22
n-Butylbenzene	ND	57.4		ug/L	50.0	115%	67 - 151	9121616	NSL0918-01	12/10/09 09:22
tert-Butylbenzene	ND	55.1		ug/L	50.0	110%	73 - 153	9121616	NSL0918-01	12/10/09 09:22
Carbon disulfide	2.47	62.1		ug/L	50.0	119%	33 - 187	9121616	NSL0918-01	12/10/09 09:22
Carbon Tetrachloride	ND	79.8	M7	ug/L	50.0	160%	64 - 157	9121616	NSL0918-01	12/10/09 09:22
Chlorobenzene	ND	55.1		ug/L	50.0	110%	78 - 136	9121616	NSL0918-01	12/10/09 09:22
Chlorodibromomethane	ND	60.0		ug/L	50.0	120%	64 - 145	9121616	NSL0918-01	12/10/09 09:22
Chloroethane	ND	53.4		ug/L	50.0	107%	48 - 159	9121616	NSL0918-01	12/10/09 09:22
Chloroform	ND	70.5		ug/L	50.0	141%	72 - 145	9121616	NSL0918-01	12/10/09 09:22
Chloromethane	ND	51.0		ug/L	50.0	102%	10 - 194	9121616	NSL0918-01	12/10/09 09:22
2-Chlorotoluene	ND	51.2		ug/L	50.0	102%	66 - 155	9121616	NSL0918-01	12/10/09 09:22
4-Chlorotoluene	ND	52.5		ug/L	50.0	105%	69 - 149	9121616	NSL0918-01	12/10/09 09:22
1,2-Dibromo-3-chloropropane	ND	43.3		ug/L	50.0	87%	49 - 162	9121616	NSL0918-01	12/10/09 09:22
1,2-Dibromoethane (EDB)	ND	59.2		ug/L	50.0	118%	70 - 152	9121616	NSL0918-01	12/10/09 09:22
Dibromomethane	ND	67.1		ug/L	50.0	134%	75 - 141	9121616	NSL0918-01	12/10/09 09:22
1,4-Dichlorobenzene	ND	50.5		ug/L	50.0	101%	75 - 135	9121616	NSL0918-01	12/10/09 09:22
1,3-Dichlorobenzene	ND	50.4		ug/L	50.0	101%	72 - 146	9121616	NSL0918-01	12/10/09 09:22
1,2-Dichlorobenzene	ND	52.0		ug/L	50.0	104%	80 - 136	9121616	NSL0918-01	12/10/09 09:22
Dichlorodifluoromethane	ND	45.1		ug/L	50.0	90%	23 - 159	9121616	NSL0918-01	12/10/09 09:22
1,1-Dichloroethane	ND	61.1		ug/L	50.0	122%	64 - 154	9121616	NSL0918-01	12/10/09 09:22
1,2-Dichloroethane	ND	78.4	M7	ug/L	50.0	157%	72 - 137	9121616	NSL0918-01	12/10/09 09:22
cis-1,2-Dichloroethene	ND	66.3		ug/L	50.0	133%	57 - 154	9121616	NSL0918-01	12/10/09 09:22
1,1-Dichloroethene	ND	60.6		ug/L	50.0	121%	34 - 151	9121616	NSL0918-01	12/10/09 09:22
trans-1,2-Dichloroethene	ND	64.7		ug/L	50.0	129%	57 - 157	9121616	NSL0918-01	12/10/09 09:22
1,3-Dichloropropane	ND	57.3		ug/L	50.0	115%	71 - 137	9121616	NSL0918-01	12/10/09 09:22
1,2-Dichloropropane	ND	53.1		ug/L	50.0	106%	71 - 139	9121616	NSL0918-01	12/10/09 09:22
2,2-Dichloropropane	ND	75.5		ug/L	50.0	151%	10 - 198	9121616	NSL0918-01	12/10/09 09:22
cis-1,3-Dichloropropene	ND	56.3		ug/L	50.0	113%	56 - 156	9121616	NSL0918-01	12/10/09 09:22
trans-1,3-Dichloropropene	ND	60.9		ug/L	50.0	122%	47 - 157	9121616	NSL0918-01	12/10/09 09:22
1,1-Dichloropropene	ND	65.5		ug/L	50.0	131%	70 - 155	9121616	NSL0918-01	12/10/09 09:22
Ethylbenzene	ND	58.8		ug/L	50.0	118%	68 - 157	9121616	NSL0918-01	12/10/09 09:22
Hexachlorobutadiene	ND	59.8	B	ug/L	50.0	120%	47 - 173	9121616	NSL0918-01	12/10/09 09:22
2-Hexanone	ND	312		ug/L	250	125%	57 - 154	9121616	NSL0918-01	12/10/09 09:22

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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										
9121616-MS1										
Isopropylbenzene	ND	61.8		ug/L	50.0	124%	69 - 139	9121616	NSL0918-01	12/10/09 09:22
p-Isopropyltoluene	ND	54.7		ug/L	50.0	109%	69 - 151	9121616	NSL0918-01	12/10/09 09:22
Methyl tert-Butyl Ether	ND	54.2		ug/L	50.0	108%	56 - 152	9121616	NSL0918-01	12/10/09 09:22
Methylene Chloride	ND	59.1		ug/L	50.0	118%	71 - 136	9121616	NSL0918-01	12/10/09 09:22
4-Methyl-2-pentanone	ND	292		ug/L	250	117%	62 - 159	9121616	NSL0918-01	12/10/09 09:22
Naphthalene	ND	36.4		ug/L	50.0	73%	56 - 161	9121616	NSL0918-01	12/10/09 09:22
n-Propylbenzene	ND	52.2		ug/L	50.0	104%	61 - 167	9121616	NSL0918-01	12/10/09 09:22
Styrene	ND	59.3		ug/L	50.0	119%	69 - 150	9121616	NSL0918-01	12/10/09 09:22
1,1,1,2-Tetrachloroethane	ND	65.4		ug/L	50.0	131%	80 - 140	9121616	NSL0918-01	12/10/09 09:22
1,1,2,2-Tetrachloroethane	ND	48.7		ug/L	50.0	97%	76 - 141	9121616	NSL0918-01	12/10/09 09:22
Tetrachloroethene	3.00	62.9		ug/L	50.0	120%	63 - 155	9121616	NSL0918-01	12/10/09 09:22
Toluene	ND	54.2		ug/L	50.0	108%	61 - 153	9121616	NSL0918-01	12/10/09 09:22
1,2,3-Trichlorobenzene	ND	41.4	B	ug/L	50.0	83%	57 - 155	9121616	NSL0918-01	12/10/09 09:22
1,2,4-Trichlorobenzene	ND	51.9		ug/L	50.0	104%	64 - 147	9121616	NSL0918-01	12/10/09 09:22
1,1,2-Trichloroethane	ND	57.7		ug/L	50.0	115%	74 - 138	9121616	NSL0918-01	12/10/09 09:22
1,1,1-Trichloroethane	ND	71.8		ug/L	50.0	144%	78 - 153	9121616	NSL0918-01	12/10/09 09:22
Trichloroethene	6.88	68.7		ug/L	50.0	124%	74 - 139	9121616	NSL0918-01	12/10/09 09:22
Trichlorofluoromethane	ND	66.4		ug/L	50.0	133%	53 - 149	9121616	NSL0918-01	12/10/09 09:22
1,2,3-Trichloropropane	ND	46.7		ug/L	50.0	93%	49 - 148	9121616	NSL0918-01	12/10/09 09:22
1,3,5-Trimethylbenzene	ND	54.1		ug/L	50.0	108%	67 - 151	9121616	NSL0918-01	12/10/09 09:22
1,2,4-Trimethylbenzene	ND	54.6		ug/L	50.0	109%	69 - 150	9121616	NSL0918-01	12/10/09 09:22
Vinyl chloride	ND	51.9		ug/L	50.0	104%	53 - 137	9121616	NSL0918-01	12/10/09 09:22
o-Xylene	ND	59.1		ug/L	50.0	118%	62 - 167	9121616	NSL0918-01	12/10/09 09:22
m,p-Xylene	ND	119		ug/L	100	119%	69 - 155	9121616	NSL0918-01	12/10/09 09:22
Xylenes, total	ND	178		ug/L	150	118%	68 - 158	9121616	NSL0918-01	12/10/09 09:22
<i>Surrogate: 1,2-Dichloroethane-d4</i>		32.6		ug/L	25.0	130%	63 - 140	9121616	NSL0918-01	12/10/09 09:22
<i>Surrogate: Dibromoform</i>		29.0		ug/L	25.0	116%	73 - 131	9121616	NSL0918-01	12/10/09 09:22
<i>Surrogate: Toluene-d8</i>		23.9		ug/L	25.0	96%	80 - 120	9121616	NSL0918-01	12/10/09 09:22
<i>Surrogate: 4-Bromoform</i>		22.9		ug/L	25.0	91%	79 - 125	9121616	NSL0918-01	12/10/09 09:22
9121711-MS1										
Acetone	ND	12700		mg/kg wet	12500	102%	29 - 181	9121711	NSL1079-01	12/14/09 07:24
Benzene	ND	2380		mg/kg wet	2500	95%	42 - 141	9121711	NSL1079-01	12/14/09 07:24
Bromobenzene	ND	2630		mg/kg wet	2500	105%	19 - 154	9121711	NSL1079-01	12/14/09 07:24
Bromoform	ND	2250		mg/kg wet	2500	90%	41 - 146	9121711	NSL1079-01	12/14/09 07:24
Bromochloromethane	ND	2460		mg/kg wet	2500	99%	32 - 155	9121711	NSL1079-01	12/14/09 07:24
Bromodichloromethane	ND	2550		mg/kg wet	2500	102%	10 - 155	9121711	NSL1079-01	12/14/09 07:24

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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										
9121711-MS1										
Bromomethane	ND	2370		mg/kg wet	2500	95%	10 - 199	9121711	NSL1079-01	12/14/09 07:24
2-Butanone	ND	12300		mg/kg wet	12500	98%	38 - 161	9121711	NSL1079-01	12/14/09 07:24
sec-Butylbenzene	ND	2700		mg/kg wet	2500	108%	10 - 170	9121711	NSL1079-01	12/14/09 07:24
n-Butylbenzene	ND	2690		mg/kg wet	2500	108%	10 - 183	9121711	NSL1079-01	12/14/09 07:24
tert-Butylbenzene	ND	2670		mg/kg wet	2500	107%	11 - 165	9121711	NSL1079-01	12/14/09 07:24
Carbon disulfide	ND	2300		mg/kg wet	2500	92%	50 - 136	9121711	NSL1079-01	12/14/09 07:24
Carbon Tetrachloride	ND	2590		mg/kg wet	2500	104%	30 - 159	9121711	NSL1079-01	12/14/09 07:24
Chlorobenzene	ND	2560		mg/kg wet	2500	102%	25 - 151	9121711	NSL1079-01	12/14/09 07:24
Chlorodibromomethane	ND	2620		mg/kg wet	2500	105%	27 - 150	9121711	NSL1079-01	12/14/09 07:24
Chloroethane	ND	2200		mg/kg wet	2500	88%	15 - 197	9121711	NSL1079-01	12/14/09 07:24
Chloroform	ND	2440		mg/kg wet	2500	98%	33 - 148	9121711	NSL1079-01	12/14/09 07:24
Chloromethane	ND	1840		mg/kg wet	2500	73%	10 - 166	9121711	NSL1079-01	12/14/09 07:24
2-Chlorotoluene	ND	2800		mg/kg wet	2500	112%	25 - 166	9121711	NSL1079-01	12/14/09 07:24
4-Chlorotoluene	ND	2720		mg/kg wet	2500	109%	19 - 163	9121711	NSL1079-01	12/14/09 07:24
1,2-Dibromo-3-chloropropane	ND	2630		mg/kg wet	2500	105%	10 - 167	9121711	NSL1079-01	12/14/09 07:24
1,2-Dibromoethane (EDB)	ND	2790		mg/kg wet	2500	112%	30 - 155	9121711	NSL1079-01	12/14/09 07:24
Dibromomethane	ND	2410		mg/kg wet	2500	96%	30 - 149	9121711	NSL1079-01	12/14/09 07:24
1,4-Dichlorobenzene	122	2610		mg/kg wet	2500	100%	10 - 170	9121711	NSL1079-01	12/14/09 07:24
1,3-Dichlorobenzene	ND	2700		mg/kg wet	2500	108%	10 - 173	9121711	NSL1079-01	12/14/09 07:24
1,2-Dichlorobenzene	52.5	2810		mg/kg wet	2500	110%	10 - 168	9121711	NSL1079-01	12/14/09 07:24
Dichlorodifluoromethane	ND	1240		mg/kg wet	2500	50%	10 - 188	9121711	NSL1079-01	12/14/09 07:24
1,1-Dichloroethane	ND	2370		mg/kg wet	2500	95%	51 - 135	9121711	NSL1079-01	12/14/09 07:24
1,2-Dichloroethane	ND	2320		mg/kg wet	2500	93%	32 - 155	9121711	NSL1079-01	12/14/09 07:24
cis-1,2-Dichloroethene	548	3360		mg/kg wet	2500	112%	32 - 150	9121711	NSL1079-01	12/14/09 07:24
1,1-Dichloroethene	ND	2570		mg/kg wet	2500	103%	46 - 141	9121711	NSL1079-01	12/14/09 07:24
trans-1,2-Dichloroethene	ND	2450		mg/kg wet	2500	98%	41 - 146	9121711	NSL1079-01	12/14/09 07:24
1,3-Dichloropropane	ND	1140		mg/kg wet	2500	46%	35 - 148	9121711	NSL1079-01	12/14/09 07:24
1,2-Dichloropropane	ND	2230		mg/kg wet	2500	89%	34 - 139	9121711	NSL1079-01	12/14/09 07:24
2,2-Dichloropropane	ND	2510		mg/kg wet	2500	101%	29 - 152	9121711	NSL1079-01	12/14/09 07:24
cis-1,3-Dichloropropene	ND	2780		mg/kg wet	2500	111%	23 - 152	9121711	NSL1079-01	12/14/09 07:24
trans-1,3-Dichloropropene	ND	2380		mg/kg wet	2500	95%	24 - 151	9121711	NSL1079-01	12/14/09 07:24
1,1-Dichloropropene	ND	2530		mg/kg wet	2500	101%	40 - 151	9121711	NSL1079-01	12/14/09 07:24
Ethylbenzene	ND	2870		mg/kg wet	2500	115%	21 - 165	9121711	NSL1079-01	12/14/09 07:24
Hexachlorobutadiene	ND	4020		mg/kg wet	2500	161%	10 - 173	9121711	NSL1079-01	12/14/09 07:24
2-Hexanone	ND	8190		mg/kg wet	12500	66%	13 - 174	9121711	NSL1079-01	12/14/09 07:24
Isopropylbenzene	ND	2660		mg/kg wet	2500	106%	20 - 139	9121711	NSL1079-01	12/14/09 07:24
p-Isopropyltoluene	ND	2570		mg/kg wet	2500	103%	10 - 164	9121711	NSL1079-01	12/14/09 07:24

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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										
9121711-MS1										
Methyl tert-Butyl Ether	ND	2400		mg/kg wet	2500	96%	34 - 154	9121711	NSL1079-01	12/14/09 07:24
Methylene Chloride	ND	2340		mg/kg wet	2500	94%	36 - 163	9121711	NSL1079-01	12/14/09 07:24
4-Methyl-2-pentanone	ND	13700		mg/kg wet	12500	110%	19 - 176	9121711	NSL1079-01	12/14/09 07:24
Naphthalene	ND	3400		mg/kg wet	2500	136%	10 - 160	9121711	NSL1079-01	12/14/09 07:24
n-Propylbenzene	ND	2870		mg/kg wet	2500	115%	16 - 174	9121711	NSL1079-01	12/14/09 07:24
Styrene	ND	2560		mg/kg wet	2500	102%	10 - 177	9121711	NSL1079-01	12/14/09 07:24
1,1,1,2-Tetrachloroethane	ND	2780		mg/kg wet	2500	111%	31 - 150	9121711	NSL1079-01	12/14/09 07:24
1,1,2,2-Tetrachloroethane	ND	2590		mg/kg wet	2500	104%	27 - 163	9121711	NSL1079-01	12/14/09 07:24
Toluene	ND	2680		mg/kg wet	2500	107%	45 - 145	9121711	NSL1079-01	12/14/09 07:24
1,2,3-Trichlorobenzene	ND	3740		mg/kg wet	2500	150%	10 - 182	9121711	NSL1079-01	12/14/09 07:24
1,2,4-Trichlorobenzene	930	4430		mg/kg wet	2500	140%	10 - 175	9121711	NSL1079-01	12/14/09 07:24
1,1,2-Trichloroethane	ND	2630		mg/kg wet	2500	105%	43 - 145	9121711	NSL1079-01	12/14/09 07:24
1,1,1-Trichloroethane	ND	2530		mg/kg wet	2500	101%	39 - 148	9121711	NSL1079-01	12/14/09 07:24
Trichlorofluoromethane	ND	2130		mg/kg wet	2500	85%	25 - 174	9121711	NSL1079-01	12/14/09 07:24
1,2,3-Trichloropropane	ND	2440		mg/kg wet	2500	98%	10 - 152	9121711	NSL1079-01	12/14/09 07:24
1,3,5-Trimethylbenzene	ND	2570		mg/kg wet	2500	103%	38 - 148	9121711	NSL1079-01	12/14/09 07:24
1,2,4-Trimethylbenzene	ND	2610		mg/kg wet	2500	105%	22 - 164	9121711	NSL1079-01	12/14/09 07:24
Vinyl chloride	ND	2090		mg/kg wet	2500	83%	32 - 163	9121711	NSL1079-01	12/14/09 07:24
Xylenes, total	113	8390		mg/kg wet	7500	110%	31 - 159	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: 1,2-Dichloroethane-d4</i>		25.4		ug/kg	25.0	102%	67 - 138	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: Dibromofluoromethane</i>		25.4		ug/kg	25.0	102%	75 - 125	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: Toluene-d8</i>		28.2		ug/kg	25.0	113%	76 - 129	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: 4-Bromofluorobenzene</i>		26.6		ug/kg	25.0	106%	67 - 147	9121711	NSL1079-01	12/14/09 07:24
9122234-MS1										
Acetone	69.6	404		ug/kg	250	134%	29 - 181	9122234	NSL1340-04	12/12/09 23:44
Benzene	0.338	52.7		ug/kg	50.0	105%	42 - 141	9122234	NSL1340-04	12/12/09 23:44
Bromobenzene	ND	48.8		ug/kg	50.0	98%	19 - 154	9122234	NSL1340-04	12/12/09 23:44
Bromo(chloromethane	ND	56.7		ug/kg	50.0	113%	41 - 146	9122234	NSL1340-04	12/12/09 23:44
Bromodichloromethane	ND	51.0		ug/kg	50.0	102%	32 - 155	9122234	NSL1340-04	12/12/09 23:44
Bromoform	ND	43.1		ug/kg	50.0	86%	10 - 155	9122234	NSL1340-04	12/12/09 23:44
Bromomethane	0.687	62.0		ug/kg	50.0	123%	10 - 199	9122234	NSL1340-04	12/12/09 23:44
2-Butanone	7.87	308		ug/kg	250	120%	38 - 161	9122234	NSL1340-04	12/12/09 23:44
sec-Butylbenzene	ND	53.2		ug/kg	50.0	106%	10 - 170	9122234	NSL1340-04	12/12/09 23:44
n-Butylbenzene	ND	45.9		ug/kg	50.0	92%	10 - 183	9122234	NSL1340-04	12/12/09 23:44
tert-Butylbenzene	ND	48.7		ug/kg	50.0	97%	11 - 165	9122234	NSL1340-04	12/12/09 23:44
Carbon disulfide	ND	58.0		ug/kg	50.0	116%	50 - 136	9122234	NSL1340-04	12/12/09 23:44

Client	Emerald, Inc. (8583)	Work Order:	NSL0913
	P. O. Box 3050	Project Name:	SAP-2
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 16:00

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										
9122234-MS1										
Carbon Tetrachloride	ND	55.1		ug/kg	50.0	110%	30 - 159	9122234	NSL1340-04	12/12/09 23:44
Chlorobenzene	ND	52.8		ug/kg	50.0	106%	25 - 151	9122234	NSL1340-04	12/12/09 23:44
Chlorodibromomethane	ND	54.1		ug/kg	50.0	108%	27 - 150	9122234	NSL1340-04	12/12/09 23:44
Chloroethane	ND	52.1		ug/kg	50.0	104%	15 - 197	9122234	NSL1340-04	12/12/09 23:44
Chloroform	5.93	59.4	B	ug/kg	50.0	107%	33 - 148	9122234	NSL1340-04	12/12/09 23:44
Chloromethane	ND	47.0		ug/kg	50.0	94%	10 - 166	9122234	NSL1340-04	12/12/09 23:44
2-Chlorotoluene	ND	52.1		ug/kg	50.0	104%	25 - 166	9122234	NSL1340-04	12/12/09 23:44
4-Chlorotoluene	ND	48.8		ug/kg	50.0	98%	19 - 163	9122234	NSL1340-04	12/12/09 23:44
1,2-Dibromo-3-chloropropane	ND	43.1		ug/kg	50.0	86%	10 - 167	9122234	NSL1340-04	12/12/09 23:44
1,2-Dibromoethane (EDB)	ND	58.8		ug/kg	50.0	118%	30 - 155	9122234	NSL1340-04	12/12/09 23:44
Dibromomethane	ND	56.5		ug/kg	50.0	113%	30 - 149	9122234	NSL1340-04	12/12/09 23:44
1,4-Dichlorobenzene	ND	41.7		ug/kg	50.0	83%	10 - 170	9122234	NSL1340-04	12/12/09 23:44
1,3-Dichlorobenzene	ND	44.5		ug/kg	50.0	89%	10 - 173	9122234	NSL1340-04	12/12/09 23:44
1,2-Dichlorobenzene	ND	42.2		ug/kg	50.0	84%	10 - 168	9122234	NSL1340-04	12/12/09 23:44
Dichlorodifluoromethane	ND	48.4		ug/kg	50.0	97%	10 - 188	9122234	NSL1340-04	12/12/09 23:44
1,1-Dichloroethane	ND	53.8		ug/kg	50.0	108%	51 - 135	9122234	NSL1340-04	12/12/09 23:44
1,2-Dichloroethane	ND	55.1		ug/kg	50.0	110%	32 - 155	9122234	NSL1340-04	12/12/09 23:44
cis-1,2-Dichloroethene	ND	54.0		ug/kg	50.0	108%	32 - 150	9122234	NSL1340-04	12/12/09 23:44
1,1-Dichloroethene	ND	43.5		ug/kg	50.0	87%	46 - 141	9122234	NSL1340-04	12/12/09 23:44
trans-1,2-Dichloroethene	ND	53.2		ug/kg	50.0	106%	41 - 146	9122234	NSL1340-04	12/12/09 23:44
1,3-Dichloropropane	ND	56.4		ug/kg	50.0	113%	35 - 148	9122234	NSL1340-04	12/12/09 23:44
1,2-Dichloropropane	ND	51.6		ug/kg	50.0	103%	34 - 139	9122234	NSL1340-04	12/12/09 23:44
2,2-Dichloropropane	ND	54.8		ug/kg	50.0	110%	29 - 152	9122234	NSL1340-04	12/12/09 23:44
cis-1,3-Dichloropropene	ND	52.2		ug/kg	50.0	104%	23 - 152	9122234	NSL1340-04	12/12/09 23:44
trans-1,3-Dichloropropene	ND	52.1		ug/kg	50.0	104%	24 - 151	9122234	NSL1340-04	12/12/09 23:44
1,1-Dichloropropene	ND	46.9		ug/kg	50.0	94%	40 - 151	9122234	NSL1340-04	12/12/09 23:44
Ethylbenzene	ND	56.4		ug/kg	50.0	113%	21 - 165	9122234	NSL1340-04	12/12/09 23:44
Hexachlorobutadiene	ND	39.8		ug/kg	50.0	80%	10 - 173	9122234	NSL1340-04	12/12/09 23:44
2-Hexanone	ND	283		ug/kg	250	113%	13 - 174	9122234	NSL1340-04	12/12/09 23:44
Isopropylbenzene	ND	50.1		ug/kg	50.0	100%	20 - 139	9122234	NSL1340-04	12/12/09 23:44
p-Isopropyltoluene	ND	38.0		ug/kg	50.0	76%	10 - 164	9122234	NSL1340-04	12/12/09 23:44
Methyl tert-Butyl Ether	ND	53.6		ug/kg	50.0	107%	34 - 154	9122234	NSL1340-04	12/12/09 23:44
Methylene Chloride	2.72	62.4		ug/kg	50.0	119%	36 - 163	9122234	NSL1340-04	12/12/09 23:44
4-Methyl-2-pentanone	ND	282		ug/kg	250	113%	19 - 176	9122234	NSL1340-04	12/12/09 23:44
Naphthalene	ND	17.6		ug/kg	50.0	35%	10 - 160	9122234	NSL1340-04	12/12/09 23:44
n-Propylbenzene	ND	50.2		ug/kg	50.0	100%	16 - 174	9122234	NSL1340-04	12/12/09 23:44
Styrene	ND	2.44	M8	ug/kg	50.0	5%	10 - 177	9122234	NSL1340-04	12/12/09 23:44

Client Emerald, Inc. (8583) Work Order: NSL0913
P. O. Box 3050 Project Name: SAP-2
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 16:00

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										
9122234-MS1										
1,1,1,2-Tetrachloroethane	ND	57.1		ug/kg	50.0	114%	31 - 150	9122234	NSL1340-04	12/12/09 23:44
1,1,2,2-Tetrachloroethane	ND	51.4		ug/kg	50.0	103%	27 - 163	9122234	NSL1340-04	12/12/09 23:44
Tetrachloroethene	0.793	58.2		ug/kg	50.0	115%	33 - 155	9122234	NSL1340-04	12/12/09 23:44
Toluene	0.464	51.6		ug/kg	50.0	102%	45 - 145	9122234	NSL1340-04	12/12/09 23:44
1,2,3-Trichlorobenzene	ND	26.4		ug/kg	50.0	53%	10 - 182	9122234	NSL1340-04	12/12/09 23:44
1,2,4-Trichlorobenzene	ND	28.7		ug/kg	50.0	57%	10 - 175	9122234	NSL1340-04	12/12/09 23:44
1,1,2-Trichloroethane	ND	60.1		ug/kg	50.0	120%	43 - 145	9122234	NSL1340-04	12/12/09 23:44
1,1,1-Trichloroethane	0.513	55.8		ug/kg	50.0	110%	39 - 148	9122234	NSL1340-04	12/12/09 23:44
Trichloroethene	ND	51.7		ug/kg	50.0	103%	39 - 150	9122234	NSL1340-04	12/12/09 23:44
Trichlorofluoromethane	ND	51.2		ug/kg	50.0	102%	25 - 174	9122234	NSL1340-04	12/12/09 23:44
1,2,3-Trichloropropane	ND	47.1		ug/kg	50.0	94%	10 - 152	9122234	NSL1340-04	12/12/09 23:44
1,3,5-Trimethylbenzene	ND	48.1		ug/kg	50.0	96%	38 - 148	9122234	NSL1340-04	12/12/09 23:44
1,2,4-Trimethylbenzene	ND	40.9		ug/kg	50.0	82%	22 - 164	9122234	NSL1340-04	12/12/09 23:44
Vinyl chloride	ND	43.4		ug/kg	50.0	87%	32 - 163	9122234	NSL1340-04	12/12/09 23:44
Xylenes, total	0.261	174		ug/kg	150	115%	31 - 159	9122234	NSL1340-04	12/12/09 23:44
Surrogate: 1,2-Dichloroethane-d4		52.6		ug/kg	50.0	105%	67 - 138	9122234	NSL1340-04	12/12/09 23:44
Surrogate: Dibromofluoromethane		52.8		ug/kg	50.0	106%	75 - 125	9122234	NSL1340-04	12/12/09 23:44
Surrogate: Toluene-d8		51.0		ug/kg	50.0	102%	76 - 129	9122234	NSL1340-04	12/12/09 23:44
Surrogate: 4-Bromofluorobenzene		48.7		ug/kg	50.0	97%	67 - 147	9122234	NSL1340-04	12/12/09 23:44

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

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
Volatile Organic Compounds by EPA Method 8260B												
9121162-MSD1												
Acetone	9.23	309		ug/kg	250	120%	29 - 181	2	50	9121162	NSL1304-04	12/14/09 22:40
Benzene	ND	50.8		ug/kg	50.0	102%	42 - 141	18	50	9121162	NSL1304-04	12/14/09 22:40
Bromobenzene	ND	49.2		ug/kg	50.0	98%	19 - 154	17	50	9121162	NSL1304-04	12/14/09 22:40
Bromochloromethane	ND	49.0		ug/kg	50.0	98%	41 - 146	5	50	9121162	NSL1304-04	12/14/09 22:40
Bromodichloromethane	ND	50.9		ug/kg	50.0	102%	32 - 155	13	50	9121162	NSL1304-04	12/14/09 22:40
Bromoform	ND	46.4		ug/kg	50.0	93%	10 - 155	8	43	9121162	NSL1304-04	12/14/09 22:40
Bromomethane	ND	45.2		ug/kg	50.0	90%	10 - 199	11	46	9121162	NSL1304-04	12/14/09 22:40
2-Butanone	ND	279		ug/kg	250	112%	38 - 161	6	50	9121162	NSL1304-04	12/14/09 22:40
sec-Butylbenzene	ND	54.0		ug/kg	50.0	108%	10 - 170	20	50	9121162	NSL1304-04	12/14/09 22:40
n-Butylbenzene	ND	54.8		ug/kg	50.0	110%	10 - 183	18	50	9121162	NSL1304-04	12/14/09 22:40
tert-Butylbenzene	ND	51.1		ug/kg	50.0	102%	11 - 165	19	50	9121162	NSL1304-04	12/14/09 22:40
Carbon disulfide	ND	51.3		ug/kg	50.0	103%	50 - 136	24	48	9121162	NSL1304-04	12/14/09 22:40
Carbon Tetrachloride	ND	47.6		ug/kg	50.0	95%	30 - 159	21	44	9121162	NSL1304-04	12/14/09 22:40
Chlorobenzene	ND	53.3		ug/kg	50.0	107%	25 - 151	16	50	9121162	NSL1304-04	12/14/09 22:40
Chlorodibromomethane	ND	47.3		ug/kg	50.0	95%	27 - 150	9	48	9121162	NSL1304-04	12/14/09 22:40
Chloroethane	ND	48.5		ug/kg	50.0	97%	15 - 197	21	50	9121162	NSL1304-04	12/14/09 22:40
Chloroform	5.86	50.1	B	ug/kg	50.0	88%	33 - 148	12	50	9121162	NSL1304-04	12/14/09 22:40
Chloromethane	ND	43.1		ug/kg	50.0	86%	10 - 166	17	44	9121162	NSL1304-04	12/14/09 22:40
2-Chlorotoluene	ND	51.3		ug/kg	50.0	103%	25 - 166	16	50	9121162	NSL1304-04	12/14/09 22:40
4-Chlorotoluene	ND	50.6		ug/kg	50.0	101%	19 - 163	14	50	9121162	NSL1304-04	12/14/09 22:40
1,2-Dibromo-3-chloropropane	ND	47.2		ug/kg	50.0	94%	10 - 167	0.9	45	9121162	NSL1304-04	12/14/09 22:40
1,2-Dibromoethane (EDB)	ND	52.8		ug/kg	50.0	106%	30 - 155	4	45	9121162	NSL1304-04	12/14/09 22:40
Dibromomethane	ND	48.2		ug/kg	50.0	96%	30 - 149	1	50	9121162	NSL1304-04	12/14/09 22:40
1,4-Dichlorobenzene	ND	52.3		ug/kg	50.0	105%	10 - 170	12	50	9121162	NSL1304-04	12/14/09 22:40
1,3-Dichlorobenzene	ND	52.6		ug/kg	50.0	105%	10 - 173	14	50	9121162	NSL1304-04	12/14/09 22:40
1,2-Dichlorobenzene	ND	52.7		ug/kg	50.0	105%	10 - 168	11	50	9121162	NSL1304-04	12/14/09 22:40
Dichlorodifluoromethane	ND	30.7		ug/kg	50.0	61%	10 - 188	16	50	9121162	NSL1304-04	12/14/09 22:40
1,1-Dichloroethane	ND	50.2		ug/kg	50.0	100%	51 - 135	19	50	9121162	NSL1304-04	12/14/09 22:40
1,2-Dichloroethane	ND	43.8		ug/kg	50.0	88%	32 - 155	4	50	9121162	NSL1304-04	12/14/09 22:40
cis-1,2-Dichloroethene	ND	49.0		ug/kg	50.0	98%	32 - 150	18	50	9121162	NSL1304-04	12/14/09 22:40
1,1-Dichloroethene	ND	50.0		ug/kg	50.0	100%	46 - 141	25	50	9121162	NSL1304-04	12/14/09 22:40
trans-1,2-Dichloroethene	ND	48.6		ug/kg	50.0	97%	41 - 146	19	40	9121162	NSL1304-04	12/14/09 22:40
1,3-Dichloropropane	ND	51.8		ug/kg	50.0	104%	35 - 148	7	42	9121162	NSL1304-04	12/14/09 22:40
1,2-Dichloropropane	ND	48.1		ug/kg	50.0	96%	34 - 139	13	50	9121162	NSL1304-04	12/14/09 22:40
2,2-Dichloropropane	ND	43.9		ug/kg	50.0	88%	29 - 152	19	39	9121162	NSL1304-04	12/14/09 22:40
cis-1,3-Dichloropropene	ND	51.1		ug/kg	50.0	102%	23 - 152	14	50	9121162	NSL1304-04	12/14/09 22:40
trans-1,3-Dichloropropene	ND	52.1		ug/kg	50.0	104%	24 - 151	12	48	9121162	NSL1304-04	12/14/09 22:40
1,1-Dichloropropene	ND	48.7		ug/kg	50.0	97%	40 - 151	23	50	9121162	NSL1304-04	12/14/09 22:40
Ethylbenzene	ND	52.6		ug/kg	50.0	105%	21 - 165	19	50	9121162	NSL1304-04	12/14/09 22:40
Hexachlorobutadiene	ND	53.0		ug/kg	50.0	106%	10 - 173	15	50	9121162	NSL1304-04	12/14/09 22:40
2-Hexanone	ND	288		ug/kg	250	115%	13 - 174	5	50	9121162	NSL1304-04	12/14/09 22:40

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121162-MSD1												
Isopropylbenzene	ND	52.7		ug/kg	50.0	105%	20 - 139	21	50	9121162	NSL1304-04	12/14/09 22:40
p-Isopropyltoluene	ND	52.0		ug/kg	50.0	104%	10 - 164	18	50	9121162	NSL1304-04	12/14/09 22:40
Methyl tert-Butyl Ether	ND	42.5		ug/kg	50.0	85%	34 - 154	6	50	9121162	NSL1304-04	12/14/09 22:40
Methylene Chloride	6.22	56.4		ug/kg	50.0	100%	36 - 163	11	50	9121162	NSL1304-04	12/14/09 22:40
4-Methyl-2-pentanone	ND	258		ug/kg	250	103%	19 - 176	5	45	9121162	NSL1304-04	12/14/09 22:40
Naphthalene	ND	51.0		ug/kg	50.0	102%	10 - 160	9	50	9121162	NSL1304-04	12/14/09 22:40
n-Propylbenzene	ND	52.3		ug/kg	50.0	105%	16 - 174	16	50	9121162	NSL1304-04	12/14/09 22:40
Styrene	ND	38.0		ug/kg	50.0	76%	10 - 177	26	50	9121162	NSL1304-04	12/14/09 22:40
1,1,1,2-Tetrachloroethane	ND	54.0		ug/kg	50.0	108%	31 - 150	14	50	9121162	NSL1304-04	12/14/09 22:40
1,1,2,2-Tetrachloroethane	ND	55.1		ug/kg	50.0	110%	27 - 163	0.9	45	9121162	NSL1304-04	12/14/09 22:40
Tetrachloroethene	5.52	58.0		ug/kg	50.0	105%	33 - 155	24	50	9121162	NSL1304-04	12/14/09 22:40
Toluene	ND	55.6		ug/kg	50.0	111%	45 - 145	18	50	9121162	NSL1304-04	12/14/09 22:40
1,2,3-Trichlorobenzene	ND	52.4		ug/kg	50.0	105%	10 - 182	11	50	9121162	NSL1304-04	12/14/09 22:40
1,2,4-Trichlorobenzene	ND	53.4		ug/kg	50.0	107%	10 - 175	13	50	9121162	NSL1304-04	12/14/09 22:40
1,1,2-Trichloroethane	ND	54.4		ug/kg	50.0	109%	43 - 145	8	50	9121162	NSL1304-04	12/14/09 22:40
1,1,1-Trichloroethane	ND	45.2		ug/kg	50.0	90%	39 - 148	21	41	9121162	NSL1304-04	12/14/09 22:40
Trichloroethene	ND	51.1		ug/kg	50.0	102%	39 - 150	22	50	9121162	NSL1304-04	12/14/09 22:40
Trichlorofluoromethane	ND	41.1		ug/kg	50.0	82%	25 - 174	21	47	9121162	NSL1304-04	12/14/09 22:40
1,2,3-Trichloropropane	ND	48.6		ug/kg	50.0	97%	10 - 152	8	47	9121162	NSL1304-04	12/14/09 22:40
1,3,5-Trimethylbenzene	ND	51.5		ug/kg	50.0	103%	38 - 148	17	50	9121162	NSL1304-04	12/14/09 22:40
1,2,4-Trimethylbenzene	ND	52.0		ug/kg	50.0	104%	22 - 164	18	50	9121162	NSL1304-04	12/14/09 22:40
Vinyl chloride	ND	45.8		ug/kg	50.0	92%	32 - 163	27	39	9121162	NSL1304-04	12/14/09 22:40
Xylenes, total	ND	154		ug/kg	150	103%	31 - 159	19	50	9121162	NSL1304-04	12/14/09 22:40
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/kg	50.0	91%	67 - 138			9121162	NSL1304-04	12/14/09 22:40
Surrogate: Dibromofluoromethane		47.5		ug/kg	50.0	95%	75 - 125			9121162	NSL1304-04	12/14/09 22:40
Surrogate: Toluene-d8		56.3		ug/kg	50.0	113%	76 - 129			9121162	NSL1304-04	12/14/09 22:40
Surrogate: 4-Bromofluorobenzene		45.8		ug/kg	50.0	92%	67 - 147			9121162	NSL1304-04	12/14/09 22:40
9121616-MSD1												
Acetone	ND	298		ug/L	250	119%	56 - 150	9	31	9121616	NSL0918-01	12/10/09 09:49
Benzene	ND	59.3		ug/L	50.0	119%	65 - 151	6	12	9121616	NSL0918-01	12/10/09 09:49
Bromobenzene	ND	51.6		ug/L	50.0	103%	69 - 142	5	23	9121616	NSL0918-01	12/10/09 09:49
Bromoform	ND	61.5		ug/L	50.0	123%	55 - 153	6	18	9121616	NSL0918-01	12/10/09 09:49
Bromomethane	ND	64.3		ug/L	50.0	129%	13 - 176	15	50	9121616	NSL0918-01	12/10/09 09:49
2-Butanone	ND	325		ug/L	250	130%	45 - 164	10	37	9121616	NSL0918-01	12/10/09 09:49
sec-Butylbenzene	ND	58.1		ug/L	50.0	116%	68 - 159	5	21	9121616	NSL0918-01	12/10/09 09:49
n-Butylbenzene	ND	59.8		ug/L	50.0	120%	67 - 151	4	11	9121616	NSL0918-01	12/10/09 09:49
tert-Butylbenzene	ND	57.4		ug/L	50.0	115%	73 - 153	4	20	9121616	NSL0918-01	12/10/09 09:49
Carbon disulfide	2.47	66.8		ug/L	50.0	129%	33 - 187	7	28	9121616	NSL0918-01	12/10/09 09:49

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121616-MSD1												
Carbon Tetrachloride	ND	82.8	M7	ug/L	50.0	166%	64 - 157	4	26	9121616	NSL0918-01	12/10/09 09:49
Chlorobenzene	ND	57.5		ug/L	50.0	115%	78 - 136	4	11	9121616	NSL0918-01	12/10/09 09:49
Chlorodibromomethane	ND	62.4		ug/L	50.0	125%	64 - 145	4	16	9121616	NSL0918-01	12/10/09 09:49
Chloroethane	ND	57.4		ug/L	50.0	115%	48 - 159	7	35	9121616	NSL0918-01	12/10/09 09:49
Chloroform	ND	73.9	M7	ug/L	50.0	148%	72 - 145	5	32	9121616	NSL0918-01	12/10/09 09:49
Chloromethane	ND	56.2		ug/L	50.0	112%	10 - 194	10	34	9121616	NSL0918-01	12/10/09 09:49
2-Chlorotoluene	ND	53.2		ug/L	50.0	106%	66 - 155	4	22	9121616	NSL0918-01	12/10/09 09:49
4-Chlorotoluene	ND	54.5		ug/L	50.0	109%	69 - 149	4	22	9121616	NSL0918-01	12/10/09 09:49
1,2-Dibromo-3-chloropropane	ND	53.5		ug/L	50.0	107%	49 - 162	21	21	9121616	NSL0918-01	12/10/09 09:49
1,2-Dibromoethane (EDB)	ND	63.1		ug/L	50.0	126%	70 - 152	6	10	9121616	NSL0918-01	12/10/09 09:49
Dibromomethane	ND	69.2		ug/L	50.0	138%	75 - 141	3	11	9121616	NSL0918-01	12/10/09 09:49
1,4-Dichlorobenzene	ND	53.3		ug/L	50.0	107%	75 - 135	5	10	9121616	NSL0918-01	12/10/09 09:49
1,3-Dichlorobenzene	ND	52.9		ug/L	50.0	106%	72 - 146	5	18	9121616	NSL0918-01	12/10/09 09:49
1,2-Dichlorobenzene	ND	55.1		ug/L	50.0	110%	80 - 136	6	11	9121616	NSL0918-01	12/10/09 09:49
Dichlorodifluoromethane	ND	47.9		ug/L	50.0	96%	23 - 159	6	32	9121616	NSL0918-01	12/10/09 09:49
1,1-Dichloroethane	ND	64.8		ug/L	50.0	130%	64 - 154	6	34	9121616	NSL0918-01	12/10/09 09:49
1,2-Dichloroethane	ND	80.0	M7	ug/L	50.0	160%	72 - 137	2	25	9121616	NSL0918-01	12/10/09 09:49
cis-1,2-Dichloroethene	ND	69.8		ug/L	50.0	140%	57 - 154	5	32	9121616	NSL0918-01	12/10/09 09:49
1,1-Dichloroethene	ND	66.9		ug/L	50.0	134%	34 - 151	10	31	9121616	NSL0918-01	12/10/09 09:49
trans-1,2-Dichloroethene	ND	69.3		ug/L	50.0	139%	57 - 157	7	32	9121616	NSL0918-01	12/10/09 09:49
1,3-Dichloropropane	ND	61.1		ug/L	50.0	122%	71 - 137	6	20	9121616	NSL0918-01	12/10/09 09:49
1,2-Dichloropropane	ND	56.6		ug/L	50.0	113%	71 - 139	6	11	9121616	NSL0918-01	12/10/09 09:49
2,2-Dichloropropane	ND	79.7		ug/L	50.0	159%	10 - 198	5	11	9121616	NSL0918-01	12/10/09 09:49
cis-1,3-Dichloropropene	ND	60.6		ug/L	50.0	121%	56 - 156	7	35	9121616	NSL0918-01	12/10/09 09:49
trans-1,3-Dichloropropene	ND	64.9		ug/L	50.0	130%	47 - 157	6	26	9121616	NSL0918-01	12/10/09 09:49
1,1-Dichloropropene	ND	68.7		ug/L	50.0	137%	70 - 155	5	18	9121616	NSL0918-01	12/10/09 09:49
Ethylbenzene	ND	61.6		ug/L	50.0	123%	68 - 157	5	12	9121616	NSL0918-01	12/10/09 09:49
Hexachlorobutadiene	ND	69.5	B	ug/L	50.0	139%	47 - 173	15	21	9121616	NSL0918-01	12/10/09 09:49
2-Hexanone	ND	337		ug/L	250	135%	57 - 154	8	20	9121616	NSL0918-01	12/10/09 09:49
Isopropylbenzene	ND	64.4		ug/L	50.0	129%	69 - 139	4	15	9121616	NSL0918-01	12/10/09 09:49
p-Isopropyltoluene	ND	57.6		ug/L	50.0	115%	69 - 151	5	18	9121616	NSL0918-01	12/10/09 09:49
Methyl tert-Butyl Ether	ND	60.3		ug/L	50.0	121%	56 - 152	11	32	9121616	NSL0918-01	12/10/09 09:49
Methylene Chloride	ND	63.4		ug/L	50.0	127%	71 - 136	7	36	9121616	NSL0918-01	12/10/09 09:49
4-Methyl-2-pentanone	ND	315		ug/L	250	126%	62 - 159	7	35	9121616	NSL0918-01	12/10/09 09:49
Naphthalene	ND	65.6	R2	ug/L	50.0	131%	56 - 161	57	30	9121616	NSL0918-01	12/10/09 09:49
n-Propylbenzene	ND	54.6		ug/L	50.0	109%	61 - 167	4	23	9121616	NSL0918-01	12/10/09 09:49
Styrene	ND	61.3		ug/L	50.0	123%	69 - 150	3	29	9121616	NSL0918-01	12/10/09 09:49
1,1,1,2-Tetrachloroethane	ND	68.3		ug/L	50.0	137%	80 - 140	4	11	9121616	NSL0918-01	12/10/09 09:49
1,1,2,2-Tetrachloroethane	ND	52.0		ug/L	50.0	104%	76 - 141	7	28	9121616	NSL0918-01	12/10/09 09:49
Tetrachloroethene	3.00	67.0		ug/L	50.0	128%	63 - 155	6	16	9121616	NSL0918-01	12/10/09 09:49
Toluene	ND	57.6		ug/L	50.0	115%	61 - 153	6	35	9121616	NSL0918-01	12/10/09 09:49

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121616-MSD1												
1,2,3-Trichlorobenzene	ND	82.6	R2, M7,	ug/L	50.0	165%	57 - 155	66	28	9121616	NSL0918-01	12/10/09 09:49
1,2,4-Trichlorobenzene	ND	72.7	R2	ug/L	50.0	145%	64 - 147	33	23	9121616	NSL0918-01	12/10/09 09:49
1,1,2-Trichloroethane	ND	58.6		ug/L	50.0	117%	74 - 138	2	21	9121616	NSL0918-01	12/10/09 09:49
1,1,1-Trichloroethane	ND	75.9		ug/L	50.0	152%	78 - 153	6	29	9121616	NSL0918-01	12/10/09 09:49
Trichloroethene	6.88	72.6		ug/L	50.0	131%	74 - 139	6	11	9121616	NSL0918-01	12/10/09 09:49
Trichlorofluoromethane	ND	70.0		ug/L	50.0	140%	53 - 149	5	33	9121616	NSL0918-01	12/10/09 09:49
1,2,3-Trichloropropane	ND	49.7		ug/L	50.0	99%	49 - 148	6	25	9121616	NSL0918-01	12/10/09 09:49
1,3,5-Trimethylbenzene	ND	56.5		ug/L	50.0	113%	67 - 151	4	21	9121616	NSL0918-01	12/10/09 09:49
1,2,4-Trimethylbenzene	ND	56.7		ug/L	50.0	113%	69 - 150	4	20	9121616	NSL0918-01	12/10/09 09:49
Vinyl chloride	ND	57.3		ug/L	50.0	115%	53 - 137	10	32	9121616	NSL0918-01	12/10/09 09:49
o-Xylene	ND	61.5		ug/L	50.0	123%	62 - 167	4	27	9121616	NSL0918-01	12/10/09 09:49
m,p-Xylene	ND	124		ug/L	100	124%	69 - 155	5	16	9121616	NSL0918-01	12/10/09 09:49
Xylenes, total	ND	186		ug/L	150	124%	68 - 158	4	18	9121616	NSL0918-01	12/10/09 09:49
Surrogate: 1,2-Dichloroethane-d4		32.6		ug/L	25.0	131%	63 - 140			9121616	NSL0918-01	12/10/09 09:49
Surrogate: Dibromofluoromethane		28.9		ug/L	25.0	115%	73 - 131			9121616	NSL0918-01	12/10/09 09:49
Surrogate: Toluene-d8		24.1		ug/L	25.0	96%	80 - 120			9121616	NSL0918-01	12/10/09 09:49
Surrogate: 4-Bromofluorobenzene		23.1		ug/L	25.0	92%	79 - 125			9121616	NSL0918-01	12/10/09 09:49
9121711-MSD1												
Acetone	ND	12700		mg/kg wet	12500	102%	29 - 181	0.3	50	9121711	NSL1079-01	12/14/09 07:52
Benzene	ND	2410		mg/kg wet	2500	97%	42 - 141	2	50	9121711	NSL1079-01	12/14/09 07:52
Bromobenzene	ND	2720		mg/kg wet	2500	109%	19 - 154	3	50	9121711	NSL1079-01	12/14/09 07:52
Bromochloromethane	ND	2320		mg/kg wet	2500	93%	41 - 146	3	50	9121711	NSL1079-01	12/14/09 07:52
Bromodichloromethane	ND	2490		mg/kg wet	2500	100%	32 - 155	1	50	9121711	NSL1079-01	12/14/09 07:52
Bromoform	ND	2590		mg/kg wet	2500	104%	10 - 155	1	43	9121711	NSL1079-01	12/14/09 07:52
Bromomethane	ND	2400		mg/kg wet	2500	96%	10 - 199	1	46	9121711	NSL1079-01	12/14/09 07:52
2-Butanone	ND	12700		mg/kg wet	12500	101%	38 - 161	3	50	9121711	NSL1079-01	12/14/09 07:52
sec-Butylbenzene	ND	2790		mg/kg wet	2500	111%	10 - 170	3	50	9121711	NSL1079-01	12/14/09 07:52
n-Butylbenzene	ND	2790		mg/kg wet	2500	112%	10 - 183	4	50	9121711	NSL1079-01	12/14/09 07:52
tert-Butylbenzene	ND	2740		mg/kg wet	2500	110%	11 - 165	3	50	9121711	NSL1079-01	12/14/09 07:52
Carbon disulfide	ND	2370		mg/kg wet	2500	95%	50 - 136	3	48	9121711	NSL1079-01	12/14/09 07:52
Carbon Tetrachloride	ND	2580		mg/kg wet	2500	103%	30 - 159	0.3	44	9121711	NSL1079-01	12/14/09 07:52
Chlorobenzene	ND	2580		mg/kg wet	2500	103%	25 - 151	1	50	9121711	NSL1079-01	12/14/09 07:52
Chlorodibromomethane	ND	2640		mg/kg wet	2500	106%	27 - 150	0.7	48	9121711	NSL1079-01	12/14/09 07:52
Chloroethane	ND	2270		mg/kg wet	2500	91%	15 - 197	3	50	9121711	NSL1079-01	12/14/09 07:52
Chloroform	ND	2470		mg/kg wet	2500	99%	33 - 148	1	50	9121711	NSL1079-01	12/14/09 07:52
Chloromethane	ND	1800		mg/kg wet	2500	72%	10 - 166	2	44	9121711	NSL1079-01	12/14/09 07:52
2-Chlorotoluene	ND	2880		mg/kg wet	2500	115%	25 - 166	3	50	9121711	NSL1079-01	12/14/09 07:52
4-Chlorotoluene	ND	2810		mg/kg wet	2500	113%	19 - 163	3	50	9121711	NSL1079-01	12/14/09 07:52
1,2-Dibromo-3-chloropropane	ND	2730		mg/kg wet	2500	109%	10 - 167	4	45	9121711	NSL1079-01	12/14/09 07:52
1,2-Dibromoethane (EDB)	ND	2850		mg/kg wet	2500	114%	30 - 155	2	45	9121711	NSL1079-01	12/14/09 07:52

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121711-MSD1												
Dibromomethane	ND	2460		mg/kg wet	2500	99%	30 - 149	2	50	9121711	NSL1079-01	12/14/09 07:52
1,4-Dichlorobenzene	122	2690		mg/kg wet	2500	103%	10 - 170	3	50	9121711	NSL1079-01	12/14/09 07:52
1,3-Dichlorobenzene	ND	2800		mg/kg wet	2500	112%	10 - 173	4	50	9121711	NSL1079-01	12/14/09 07:52
1,2-Dichlorobenzene	52.5	2910		mg/kg wet	2500	114%	10 - 168	4	50	9121711	NSL1079-01	12/14/09 07:52
Dichlorodifluoromethane	ND	1220		mg/kg wet	2500	49%	10 - 188	2	50	9121711	NSL1079-01	12/14/09 07:52
1,1-Dichloroethane	ND	2440		mg/kg wet	2500	97%	51 - 135	3	50	9121711	NSL1079-01	12/14/09 07:52
1,2-Dichloroethane	ND	2350		mg/kg wet	2500	94%	32 - 155	1	50	9121711	NSL1079-01	12/14/09 07:52
cis-1,2-Dichloroethene	548	3420		mg/kg wet	2500	115%	32 - 150	2	50	9121711	NSL1079-01	12/14/09 07:52
1,1-Dichloroethene	ND	2610		mg/kg wet	2500	105%	46 - 141	2	50	9121711	NSL1079-01	12/14/09 07:52
trans-1,2-Dichloroethene	ND	2490		mg/kg wet	2500	100%	41 - 146	2	40	9121711	NSL1079-01	12/14/09 07:52
1,3-Dichloropropane	ND	1120		mg/kg wet	2500	45%	35 - 148	2	42	9121711	NSL1079-01	12/14/09 07:52
1,2-Dichloropropane	ND	2280		mg/kg wet	2500	91%	34 - 139	2	50	9121711	NSL1079-01	12/14/09 07:52
2,2-Dichloropropane	ND	2460		mg/kg wet	2500	98%	29 - 152	2	39	9121711	NSL1079-01	12/14/09 07:52
cis-1,3-Dichloropropene	ND	2860		mg/kg wet	2500	114%	23 - 152	3	50	9121711	NSL1079-01	12/14/09 07:52
trans-1,3-Dichloropropene	ND	2410		mg/kg wet	2500	96%	24 - 151	1	48	9121711	NSL1079-01	12/14/09 07:52
1,1-Dichloropropene	ND	2560		mg/kg wet	2500	103%	40 - 151	1	50	9121711	NSL1079-01	12/14/09 07:52
Ethylbenzene	ND	2880		mg/kg wet	2500	115%	21 - 165	0.3	50	9121711	NSL1079-01	12/14/09 07:52
Hexachlorobutadiene	ND	4190		mg/kg wet	2500	168%	10 - 173	4	50	9121711	NSL1079-01	12/14/09 07:52
2-Hexanone	ND	10900		mg/kg wet	12500	87%	13 - 174	28	50	9121711	NSL1079-01	12/14/09 07:52
Isopropylbenzene	ND	2670		mg/kg wet	2500	107%	20 - 139	0.2	50	9121711	NSL1079-01	12/14/09 07:52
p-Isopropyltoluene	ND	2680		mg/kg wet	2500	107%	10 - 164	4	50	9121711	NSL1079-01	12/14/09 07:52
Methyl tert-Butyl Ether	ND	2530		mg/kg wet	2500	101%	34 - 154	5	50	9121711	NSL1079-01	12/14/09 07:52
Methylene Chloride	ND	2430		mg/kg wet	2500	97%	36 - 163	4	50	9121711	NSL1079-01	12/14/09 07:52
4-Methyl-2-pentanone	ND	14200		mg/kg wet	12500	114%	19 - 176	4	45	9121711	NSL1079-01	12/14/09 07:52
Naphthalene	ND	3390		mg/kg wet	2500	136%	10 - 160	0.1	50	9121711	NSL1079-01	12/14/09 07:52
n-Propylbenzene	ND	2950		mg/kg wet	2500	118%	16 - 174	3	50	9121711	NSL1079-01	12/14/09 07:52
Styrene	ND	2590		mg/kg wet	2500	104%	10 - 177	1	50	9121711	NSL1079-01	12/14/09 07:52
1,1,1,2-Tetrachloroethane	ND	2840		mg/kg wet	2500	113%	31 - 150	2	50	9121711	NSL1079-01	12/14/09 07:52
1,1,2,2-Tetrachloroethane	ND	2720		mg/kg wet	2500	109%	27 - 163	5	45	9121711	NSL1079-01	12/14/09 07:52
Toluene	ND	2680		mg/kg wet	2500	107%	45 - 145	0.09	50	9121711	NSL1079-01	12/14/09 07:52
1,2,3-Trichlorobenzene	ND	3830		mg/kg wet	2500	153%	10 - 182	2	50	9121711	NSL1079-01	12/14/09 07:52
1,2,4-Trichlorobenzene	930	5100		mg/kg wet	2500	167%	10 - 175	14	50	9121711	NSL1079-01	12/14/09 07:52
1,1,2-Trichloroethane	ND	2710		mg/kg wet	2500	108%	43 - 145	3	50	9121711	NSL1079-01	12/14/09 07:52
1,1,1-Trichloroethane	ND	2530		mg/kg wet	2500	101%	39 - 148	0.2	41	9121711	NSL1079-01	12/14/09 07:52
Trichlorofluoromethane	ND	2140		mg/kg wet	2500	85%	25 - 174	0.4	47	9121711	NSL1079-01	12/14/09 07:52
1,2,3-Trichloropropane	ND	2540		mg/kg wet	2500	102%	10 - 152	4	47	9121711	NSL1079-01	12/14/09 07:52
1,3,5-Trimethylbenzene	ND	2660		mg/kg wet	2500	106%	38 - 148	3	50	9121711	NSL1079-01	12/14/09 07:52
1,2,4-Trimethylbenzene	ND	2700		mg/kg wet	2500	108%	22 - 164	3	50	9121711	NSL1079-01	12/14/09 07:52
Vinyl chloride	ND	2150		mg/kg wet	2500	86%	32 - 163	3	39	9121711	NSL1079-01	12/14/09 07:52
Xylenes, total	113	8410		mg/kg wet	7500	111%	31 - 159	0.2	50	9121711	NSL1079-01	12/14/09 07:52
Surrogate: 1,2-Dichloroethane-d4		25.4		ug/kg	25.0	102%	67 - 138			9121711	NSL1079-01	12/14/09 07:52

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9121711-MSD1												
Surrogate: <i>Dibromofluoromethane</i>	25.9			ug/kg	25.0	104%	75 - 125			9121711	NSL1079-01	12/14/09 07:52
Surrogate: <i>Toluene-d8</i>	27.8			ug/kg	25.0	111%	76 - 129			9121711	NSL1079-01	12/14/09 07:52
Surrogate: <i>4-Bromofluorobenzene</i>	26.6			ug/kg	25.0	106%	67 - 147			9121711	NSL1079-01	12/14/09 07:52
9122234-MSD1												
Acetone	69.6	34.5	R2, M8	ug/kg	250	-14%	29 - 181	169	50	9122234	NSL1340-04	12/13/09 00:13
Benzene	0.338	48.9		ug/kg	50.0	97%	42 - 141	7	50	9122234	NSL1340-04	12/13/09 00:13
Bromobenzene	ND	48.8		ug/kg	50.0	98%	19 - 154	0.1	50	9122234	NSL1340-04	12/13/09 00:13
Bromochloromethane	ND	48.6		ug/kg	50.0	97%	41 - 146	15	50	9122234	NSL1340-04	12/13/09 00:13
Bromodichloromethane	ND	47.6		ug/kg	50.0	95%	32 - 155	7	50	9122234	NSL1340-04	12/13/09 00:13
Bromoform	ND	42.8		ug/kg	50.0	86%	10 - 155	0.7	43	9122234	NSL1340-04	12/13/09 00:13
Bromomethane	0.687	59.5		ug/kg	50.0	118%	10 - 199	4	46	9122234	NSL1340-04	12/13/09 00:13
2-Butanone	7.87	276		ug/kg	250	107%	38 - 161	11	50	9122234	NSL1340-04	12/13/09 00:13
sec-Butylbenzene	ND	55.5		ug/kg	50.0	111%	10 - 170	4	50	9122234	NSL1340-04	12/13/09 00:13
n-Butylbenzene	ND	47.4		ug/kg	50.0	95%	10 - 183	3	50	9122234	NSL1340-04	12/13/09 00:13
tert-Butylbenzene	ND	50.4		ug/kg	50.0	101%	11 - 165	4	50	9122234	NSL1340-04	12/13/09 00:13
Carbon disulfide	ND	54.0		ug/kg	50.0	108%	50 - 136	7	48	9122234	NSL1340-04	12/13/09 00:13
Carbon Tetrachloride	ND	49.3		ug/kg	50.0	99%	30 - 159	11	44	9122234	NSL1340-04	12/13/09 00:13
Chlorobenzene	ND	51.4		ug/kg	50.0	103%	25 - 151	3	50	9122234	NSL1340-04	12/13/09 00:13
Chlorodibromomethane	ND	53.2		ug/kg	50.0	106%	27 - 150	2	48	9122234	NSL1340-04	12/13/09 00:13
Chloroethane	ND	47.3		ug/kg	50.0	95%	15 - 197	10	50	9122234	NSL1340-04	12/13/09 00:13
Chloroform	5.93	54.7	B	ug/kg	50.0	97%	33 - 148	8	50	9122234	NSL1340-04	12/13/09 00:13
Chloromethane	ND	44.9		ug/kg	50.0	90%	10 - 166	4	44	9122234	NSL1340-04	12/13/09 00:13
2-Chlorotoluene	ND	52.9		ug/kg	50.0	106%	25 - 166	1	50	9122234	NSL1340-04	12/13/09 00:13
4-Chlorotoluene	ND	49.2		ug/kg	50.0	98%	19 - 163	0.9	50	9122234	NSL1340-04	12/13/09 00:13
1,2-Dibromo-3-chloropropane	ND	44.4		ug/kg	50.0	89%	10 - 167	3	45	9122234	NSL1340-04	12/13/09 00:13
1,2-Dibromoethane (EDB)	ND	57.4		ug/kg	50.0	115%	30 - 155	2	45	9122234	NSL1340-04	12/13/09 00:13
Dibromomethane	ND	51.5		ug/kg	50.0	103%	30 - 149	9	50	9122234	NSL1340-04	12/13/09 00:13
1,4-Dichlorobenzene	ND	42.2		ug/kg	50.0	84%	10 - 170	1	50	9122234	NSL1340-04	12/13/09 00:13
1,3-Dichlorobenzene	ND	45.1		ug/kg	50.0	90%	10 - 173	1	50	9122234	NSL1340-04	12/13/09 00:13
1,2-Dichlorobenzene	ND	42.9		ug/kg	50.0	86%	10 - 168	2	50	9122234	NSL1340-04	12/13/09 00:13
Dichlorodifluoromethane	ND	42.9		ug/kg	50.0	86%	10 - 188	12	50	9122234	NSL1340-04	12/13/09 00:13
1,1-Dichloroethane	ND	49.3		ug/kg	50.0	99%	51 - 135	9	50	9122234	NSL1340-04	12/13/09 00:13
1,2-Dichloroethane	ND	49.9		ug/kg	50.0	100%	32 - 155	10	50	9122234	NSL1340-04	12/13/09 00:13
cis-1,2-Dichloroethene	ND	49.8		ug/kg	50.0	100%	32 - 150	8	50	9122234	NSL1340-04	12/13/09 00:13
1,1-Dichloroethene	ND	41.8		ug/kg	50.0	84%	46 - 141	4	50	9122234	NSL1340-04	12/13/09 00:13
trans-1,2-Dichloroethene	ND	49.2		ug/kg	50.0	98%	41 - 146	8	40	9122234	NSL1340-04	12/13/09 00:13
1,3-Dichloropropane	ND	54.6		ug/kg	50.0	109%	35 - 148	3	42	9122234	NSL1340-04	12/13/09 00:13
1,2-Dichloropropane	ND	47.8		ug/kg	50.0	96%	34 - 139	8	50	9122234	NSL1340-04	12/13/09 00:13
2,2-Dichloropropane	ND	50.8		ug/kg	50.0	102%	29 - 152	7	39	9122234	NSL1340-04	12/13/09 00:13
cis-1,3-Dichloropropene	ND	50.0		ug/kg	50.0	100%	23 - 152	4	50	9122234	NSL1340-04	12/13/09 00:13

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0913
 Project Name: SAP-2
 Project Number: [none]
 Received: 12/08/09 16:00

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												
9122234-MSD1												
trans-1,3-Dichloropropene	ND	51.6		ug/kg	50.0	103%	24 - 151	1	48	9122234	NSL1340-04	12/13/09 00:13
1,1-Dichloropropene	ND	44.7		ug/kg	50.0	89%	40 - 151	5	50	9122234	NSL1340-04	12/13/09 00:13
Ethylbenzene	ND	56.1		ug/kg	50.0	112%	21 - 165	0.5	50	9122234	NSL1340-04	12/13/09 00:13
Hexachlorobutadiene	ND	41.9		ug/kg	50.0	84%	10 - 173	5	50	9122234	NSL1340-04	12/13/09 00:13
2-Hexanone	ND	278		ug/kg	250	111%	13 - 174	2	50	9122234	NSL1340-04	12/13/09 00:13
Isopropylbenzene	ND	50.5		ug/kg	50.0	101%	20 - 139	0.7	50	9122234	NSL1340-04	12/13/09 00:13
p-Isopropyltoluene	ND	39.7		ug/kg	50.0	79%	10 - 164	4	50	9122234	NSL1340-04	12/13/09 00:13
Methyl tert-Butyl Ether	ND	50.1		ug/kg	50.0	100%	34 - 154	7	50	9122234	NSL1340-04	12/13/09 00:13
Methylene Chloride	2.72	55.9		ug/kg	50.0	106%	36 - 163	11	50	9122234	NSL1340-04	12/13/09 00:13
4-Methyl-2-pentanone	ND	276		ug/kg	250	110%	19 - 176	2	45	9122234	NSL1340-04	12/13/09 00:13
Naphthalene	ND	18.9		ug/kg	50.0	38%	10 - 160	7	50	9122234	NSL1340-04	12/13/09 00:13
n-Propylbenzene	ND	51.7		ug/kg	50.0	103%	16 - 174	3	50	9122234	NSL1340-04	12/13/09 00:13
Styrene	ND	2.44	M8	ug/kg	50.0	5%	10 - 177	0	50	9122234	NSL1340-04	12/13/09 00:13
1,1,1,2-Tetrachloroethane	ND	55.3		ug/kg	50.0	111%	31 - 150	3	50	9122234	NSL1340-04	12/13/09 00:13
1,1,2,2-Tetrachloroethane	ND	52.8		ug/kg	50.0	106%	27 - 163	3	45	9122234	NSL1340-04	12/13/09 00:13
Tetrachloroethene	0.793	57.2		ug/kg	50.0	113%	33 - 155	2	50	9122234	NSL1340-04	12/13/09 00:13
Toluene	0.464	54.5		ug/kg	50.0	108%	45 - 145	5	50	9122234	NSL1340-04	12/13/09 00:13
1,2,3-Trichlorobenzene	ND	27.6		ug/kg	50.0	55%	10 - 182	4	50	9122234	NSL1340-04	12/13/09 00:13
1,2,4-Trichlorobenzene	ND	31.3		ug/kg	50.0	63%	10 - 175	9	50	9122234	NSL1340-04	12/13/09 00:13
1,1,2-Trichloroethane	ND	58.2		ug/kg	50.0	116%	43 - 145	3	50	9122234	NSL1340-04	12/13/09 00:13
1,1,1-Trichloroethane	0.513	50.4		ug/kg	50.0	100%	39 - 148	10	41	9122234	NSL1340-04	12/13/09 00:13
Trichloroethene	ND	47.5		ug/kg	50.0	95%	39 - 150	9	50	9122234	NSL1340-04	12/13/09 00:13
Trichlorofluoromethane	ND	47.1		ug/kg	50.0	94%	25 - 174	8	47	9122234	NSL1340-04	12/13/09 00:13
1,2,3-Trichloropropane	ND	47.6		ug/kg	50.0	95%	10 - 152	1	47	9122234	NSL1340-04	12/13/09 00:13
1,3,5-Trimethylbenzene	ND	49.0		ug/kg	50.0	98%	38 - 148	2	50	9122234	NSL1340-04	12/13/09 00:13
1,2,4-Trimethylbenzene	ND	42.0		ug/kg	50.0	84%	22 - 164	3	50	9122234	NSL1340-04	12/13/09 00:13
Vinyl chloride	ND	41.5		ug/kg	50.0	83%	32 - 163	4	39	9122234	NSL1340-04	12/13/09 00:13
Xylenes, total	0.261	170		ug/kg	150	113%	31 - 159	2	50	9122234	NSL1340-04	12/13/09 00:13
<i>Surrogate: 1,2-Dichloroethane-d4</i>		48.0		ug/kg	50.0	96%	67 - 138			9122234	NSL1340-04	12/13/09 00:13
<i>Surrogate: Dibromofluoromethane</i>		47.8		ug/kg	50.0	96%	75 - 125			9122234	NSL1340-04	12/13/09 00:13
<i>Surrogate: Toluene-d8</i>		50.3		ug/kg	50.0	101%	76 - 129			9122234	NSL1340-04	12/13/09 00:13
<i>Surrogate: 4-Bromofluorobenzene</i>		51.4		ug/kg	50.0	103%	67 - 147			9122234	NSL1340-04	12/13/09 00:13

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	South Carolina
SW846 8260B	Soil	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW-846	Soil			

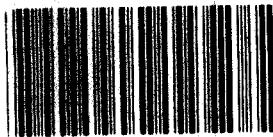
Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0913
Project Name: SAP-2
Project Number: [none]
Received: 12/08/09 16:00

DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- J** Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- M8** The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
- MNR** No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- R2** The RPD exceeded the acceptance limit.
- RL1** Reporting limit raised due to sample matrix effects.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



COOLER RECEIPT

NSL0913

Cooler Received/Opened On 12/8/2009 @ 08001. Tracking # 9950 (last 4 digits, FedEx)Courier: FedEx IR Gun ID 974603732. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 (Front)5. Were the seals intact, signed, and dated correctly? I was rubbed off. 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) J7. 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 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...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES NO.NA If multiple coolers, sequence # WI certify that I unloaded the cooler and answered questions 7-14 (initial) J

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) W

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) WI certify that I attached a label with the unique LIMS number to each container (initial) W21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES...NO...#

TestAmerica
ANALYTICAL TESTING CORPORATION

JANSON
ANALYTICAL TESTING CORPORATION

NSL0913
12/17/09 23:59

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Client Name Emerald, Inc.

Client #: 1405608

Project Name: SAP-d

Sumter, SC 29105
Address: _____

City/State/Zip Code: Slim City, NC 27868

Project Manager _____
Telephone Number _____ Fax _____

Samller Name: (Print Name) Daffer, Reanne

December 17, 2009 2:36:50PM

Client: Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn: Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Nbr: [none]
P/O Nbr:
Date Received: 12/08/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
B-16-S	NSL0906-01	12/04/09 12:00
B-16-GW	NSL0906-02	12/04/09 12:10
B-17-S	NSL0906-03	12/04/09 13:10
B-17-GW	NSL0906-04	12/04/09 13:15
B-18-S	NSL0906-05	12/04/09 13:25
B-18-GW	NSL0906-06	12/04/09 13:30
B-19-S	NSL0906-07	12/04/09 13:55
B-19-GW	NSL0906-08	12/04/09 14:00
B-20-S	NSL0906-09	12/04/09 14:20
B-20-GW	NSL0906-10	12/04/09 14:30

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.

South Carolina Certification Number: 84009001

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	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-01 (B-16-S - Soil) Sampled: 12/04/09 12:00										
General Chemistry Parameters										
% Dry Solids	91.0		%	0.500	0.500	1	12/15/09 08:46	SW-846	DEA	9122489
Volatile Organic Compounds by EPA Method 8260B										
Acetone	0.434		mg/kg dry	0.0274	0.0547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Benzene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Bromobenzene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Bromochloromethane	ND		mg/kg dry	0.00112	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Bromodichloromethane	ND		mg/kg dry	0.000438	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Bromoform	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Bromomethane	ND		mg/kg dry	0.000700	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
2-Butanone	ND		mg/kg dry	0.0186	0.0547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
sec-Butylbenzene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
n-Butylbenzene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
tert-Butylbenzene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Carbon disulfide	ND		mg/kg dry	0.000733	0.00547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Carbon Tetrachloride	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Chlorobenzene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Chlorodibromomethane	ND		mg/kg dry	0.000416	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Chloroethane	ND		mg/kg dry	0.000460	0.00547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Chloroform	0.00103	J, B	mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Chloromethane	ND		mg/kg dry	0.00109	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
2-Chlorotoluene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
4-Chlorotoluene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,2-Dibromo-3-chloropropane	ND	RL1	mg/kg dry	0.180	0.264	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000569	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Dibromomethane	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,4-Dichlorobenzene	ND	RL1	mg/kg dry	0.0380	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,3-Dichlorobenzene	ND	RL1	mg/kg dry	0.0227	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,2-Dichlorobenzene	ND	RL1	mg/kg dry	0.0227	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Dichlorodifluoromethane	ND		mg/kg dry	0.00175	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,1-Dichloroethane	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,2-Dichloroethane	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,1-Dichloroethene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,3-Dichloropropane	ND		mg/kg dry	0.000493	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,2-Dichloropropane	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
2,2-Dichloropropane	ND		mg/kg dry	0.000854	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-01 (B-16-S - Soil) - cont. Sampled: 12/04/09 12:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,1-Dichloropropene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Ethylbenzene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Hexachlorobutadiene	ND	RL1	mg/kg dry	0.0333	0.264	50	12/14/09 00:34	SW846 8260B	JJP	9121711
2-Hexanone	ND		mg/kg dry	0.0186	0.0547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Isopropylbenzene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
p-Isopropyltoluene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Methylene Chloride	ND		mg/kg dry	0.00219	0.0109	1	12/13/09 17:16	SW846 8260B	KxC	9122429
4-Methyl-2-pentanone	0.0191	J	mg/kg dry	0.00317	0.0547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Naphthalene	ND	RL1	mg/kg dry	0.0898	0.264	50	12/14/09 00:34	SW846 8260B	JJP	9121711
n-Propylbenzene	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Styrene	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,1,2,2-Tetrachloroethane	ND	RL1	mg/kg dry	0.0354	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Tetrachloroethene	ND		mg/kg dry	0.000438	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Toluene	0.00170	J	mg/kg dry	0.000438	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,2,3-Trichlorobenzene	ND	RL1	mg/kg dry	0.0486	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,2,4-Trichlorobenzene	ND	RL1	mg/kg dry	0.0539	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,1,2-Trichloroethane	ND		mg/kg dry	0.00121	0.00547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,1,1-Trichloroethane	ND		mg/kg dry	0.000438	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Trichloroethene	ND		mg/kg dry	0.000908	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Trichlorofluoromethane	ND		mg/kg dry	0.000733	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
1,2,3-Trichloropropane	ND	RL1	mg/kg dry	0.0544	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,3,5-Trimethylbenzene	ND	RL1	mg/kg dry	0.0211	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
1,2,4-Trimethylbenzene	ND	RL1	mg/kg dry	0.0222	0.106	50	12/14/09 00:34	SW846 8260B	JJP	9121711
Vinyl chloride	ND		mg/kg dry	0.000898	0.00219	1	12/13/09 17:16	SW846 8260B	KxC	9122429
Xylenes, total	ND		mg/kg dry	0.00142	0.00547	1	12/13/09 17:16	SW846 8260B	KxC	9122429
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	85 %					1	12/13/09 17:16	SW846 8260B	KxC	9122429
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	110 %					50	12/14/09 00:34	SW846 8260B	JJP	9121711
<i>Surr: Dibromofluoromethane (75-125%)</i>	96 %					1	12/13/09 17:16	SW846 8260B	KxC	9122429
<i>Surr: Dibromofluoromethane (75-125%)</i>	103 %					50	12/14/09 00:34	SW846 8260B	JJP	9121711
<i>Surr: Toluene-d8 (76-129%)</i>	103 %					1	12/13/09 17:16	SW846 8260B	KxC	9122429
<i>Surr: Toluene-d8 (76-129%)</i>	112 %					50	12/14/09 00:34	SW846 8260B	JJP	9121711
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	112 %					1	12/13/09 17:16	SW846 8260B	KxC	9122429
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	110 %					50	12/14/09 00:34	SW846 8260B	JJP	9121711
Extractable Petroleum Hydrocarbons										
Diesel	4.08	J, QP6	mg/kg dry	2.18	4.36	1	12/15/09 03:53	TPH-D/Finger	mrb	9121727
<i>Surr: o-Terphenyl (29-141%)</i>	77 %					1	12/15/09 03:53	TPH-D/Finger	mrb	9121727

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-02 (B-16-GW - Ground Water) Sampled: 12/04/09 12:10										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND		ug/L	25.0	50.0	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Benzene	ND		ug/L	0.410	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Bromobenzene	ND		ug/L	0.360	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Bromoform	ND		ug/L	0.470	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Bromochloromethane	ND		ug/L	0.270	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Bromodichloromethane	ND		ug/L	0.430	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Bromoform	ND		ug/L	0.300	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/09/09 22:17	SW846 8260B	JJP	9121616
sec-Butylbenzene	ND		ug/L	0.360	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
n-Butylbenzene	ND		ug/L	0.310	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Chlorobenzene	ND		ug/L	0.220	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Chloromethane	0.420	J	ug/L	0.390	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution	Analysis							
						Factor	Date/Time	Method	Analyst	Batch				
Sample ID: NSL0906-02 (B-16-GW - Ground Water) - cont. Sampled: 12/04/09 12:10														
Volatile Organic Compounds by EPA Method 8260B - cont.														
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
2-Hexanone	ND		ug/L	1.40	50.0	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Naphthalene	5.17		ug/L	0.380	5.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Styrene	ND		ug/L	0.260	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Toluene	ND		ug/L	0.350	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Trichloroethene	ND		ug/L	0.260	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
1,2,4-Trimethylbenzene	ND		ug/L	0.320	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Xylenes, total	ND		ug/L	0.730	3.00	1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Surr: 1,2-Dichloroethane-d4 (63-140%)	130 %					1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Surr: Dibromofluoromethane (73-131%)	113 %					1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Surr: Toluene-d8 (80-120%)	95 %					1	12/09/09 22:17	SW846 8260B	JJP	9121616				
Surr: 4-Bromofluorobenzene (79-125%)	94 %					1	12/09/09 22:17	SW846 8260B	JJP	9121616				

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-03 (B-17-S - Soil) Sampled: 12/04/09 13:10										
General Chemistry Parameters										
% Dry Solids	82.4		%	0.500	0.500	1	12/15/09 08:46	SW-846	DEA	9122489
Volatile Organic Compounds by EPA Method 8260B										
Acetone	0.0179	J	mg/kg dry	0.0135	0.0270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Benzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Bromobenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Bromochloromethane	ND		mg/kg dry	0.000551	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Bromodichloromethane	ND		mg/kg dry	0.000216	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Bromoform	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Bromomethane	ND		mg/kg dry	0.000346	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
2-Butanone	ND		mg/kg dry	0.00918	0.0270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
sec-Butylbenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
n-Butylbenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
tert-Butylbenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Carbon disulfide	ND		mg/kg dry	0.000362	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Carbon Tetrachloride	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Chlorobenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Chlorodibromomethane	ND		mg/kg dry	0.000205	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Chloroethane	ND		mg/kg dry	0.000227	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Chloroform	0.000664	J, B	mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Chloromethane	ND		mg/kg dry	0.000540	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
2-Chlorotoluene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
4-Chlorotoluene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00184	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000281	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Dibromomethane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,4-Dichlorobenzene	ND		mg/kg dry	0.000389	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,3-Dichlorobenzene	ND		mg/kg dry	0.000232	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2-Dichlorobenzene	ND		mg/kg dry	0.000232	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Dichlorodifluoromethane	ND		mg/kg dry	0.000864	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,1-Dichloroethane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2-Dichloroethane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,1-Dichloroethene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,3-Dichloropropane	ND		mg/kg dry	0.000243	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2-Dichloropropane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
2,2-Dichloropropane	ND		mg/kg dry	0.000421	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-03 (B-17-S - Soil) - cont. Sampled: 12/04/09 13:10										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,1-Dichloropropene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Ethylbenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Hexachlorobutadiene	ND		mg/kg dry	0.000340	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
2-Hexanone	ND		mg/kg dry	0.00918	0.0270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Isopropylbenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
p-Isopropyltoluene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Methylene Chloride	ND		mg/kg dry	0.00108	0.00540	1	12/13/09 17:47	SW846 8260B	KxC	9122429
4-Methyl-2-pentanone	ND		mg/kg dry	0.00157	0.0270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Naphthalene	ND		mg/kg dry	0.000918	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
n-Propylbenzene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Styrene	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Tetrachloroethene	ND		mg/kg dry	0.000216	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Toluene	ND		mg/kg dry	0.000216	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.000497	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.000551	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,1,2-Trichloroethane	ND		mg/kg dry	0.000599	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,1,1-Trichloroethane	ND		mg/kg dry	0.000216	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Trichloroethene	ND		mg/kg dry	0.000448	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Trichlorofluoromethane	ND		mg/kg dry	0.000362	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2,3-Trichloropropane	ND		mg/kg dry	0.000556	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000216	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000227	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Vinyl chloride	ND		mg/kg dry	0.000443	0.00108	1	12/13/09 17:47	SW846 8260B	KxC	9122429
Xylenes, total	ND		mg/kg dry	0.000702	0.00270	1	12/13/09 17:47	SW846 8260B	KxC	9122429
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	73 %					1	12/13/09 17:47	SW846 8260B	KxC	9122429
<i>Surr: Dibromoiodomethane (75-125%)</i>	91 %					1	12/13/09 17:47	SW846 8260B	KxC	9122429
<i>Surr: Toluene-d8 (76-129%)</i>	109 %					1	12/13/09 17:47	SW846 8260B	KxC	9122429
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	94 %					1	12/13/09 17:47	SW846 8260B	KxC	9122429
Extractable Petroleum Hydrocarbons										
Diesel	9.01	QP6	mg/kg dry	2.40	4.79	1	12/15/09 04:10	TPH-D/Finger	mrb	9121727
<i>Surr: o-Terphenyl (29-141%)</i>	74 %					1	12/15/09 04:10	TPH-D/Finger	mrb	9121727

Sample ID: NSL0906-04 (B-17-GW - Ground Water) Sampled: 12/04/09 13:15

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND	ug/L	25.0	50.0	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Benzene	ND	ug/L	0.410	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-04 (B-17-GW - Ground Water) - cont. Sampled: 12/04/09 13:15										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Bromobenzene	ND		ug/L	0.360	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Bromoform	ND		ug/L	0.470	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Bromodichloromethane	ND		ug/L	0.270	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Bromomethane	ND		ug/L	0.300	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
2-Butanone	ND		ug/L	2.10	50.0	1	12/09/09 22:45	SW846 8260B	JJP	9121616
sec-Butylbenzene	ND		ug/L	0.360	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
n-Butylbenzene	ND		ug/L	0.310	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
tert-Butylbenzene	ND		ug/L	0.380	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Carbon disulfide	ND		ug/L	0.360	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Carbon Tetrachloride	ND		ug/L	0.330	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Chlorobenzene	ND		ug/L	0.220	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Chlorodibromomethane	ND		ug/L	0.260	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Chloroethane	ND		ug/L	0.460	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Chloroform	ND		ug/L	0.250	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Chloromethane	0.440	J	ug/L	0.390	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
2-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
4-Chlorotoluene	ND		ug/L	0.510	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/09/09 22:45	SW846 8260B	JJP	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0906-04 (B-17-GW - Ground Water) - cont. Sampled: 12/04/09 13:15

Volatile Organic Compounds by EPA Method 8260B - cont.

Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Styrene	ND		ug/L	0.260	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Tetrachloroethene	0.660	J	ug/L	0.320	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
1,2,4-Trimethylbenzene	ND		ug/L	0.320	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
Xylenes, total	ND		ug/L	0.730	3.00	1	12/09/09 22:45	SW846 8260B	JJP	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>131 %</i>					<i>1</i>	<i>12/09/09 22:45</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>114 %</i>					<i>1</i>	<i>12/09/09 22:45</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>96 %</i>					<i>1</i>	<i>12/09/09 22:45</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>95 %</i>					<i>1</i>	<i>12/09/09 22:45</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>

Sample ID: NSL0906-05 (B-18-S - Soil) Sampled: 12/04/09 13:25

General Chemistry Parameters

% Dry Solids	80.4	%	0.500	0.500	1	12/15/09 08:46	SW-846	DEA	9122489
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Volatile Organic Compounds by EPA Method 8260B

Acetone	0.113	mg/kg dry	0.0285	0.0569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Benzene	ND	mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Bromobenzene	ND	mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Bromochloromethane	ND	mg/kg dry	0.00116	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Bromodichloromethane	ND	mg/kg dry	0.000456	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Bromoform	ND	mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Bromomethane	ND	mg/kg dry	0.000729	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-05 (B-18-S - Soil) - cont. Sampled: 12/04/09 13:25										
Volatile Organic Compounds by EPA Method 8260B - cont.										
2-Butanone	ND		mg/kg dry	0.0194	0.0569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
sec-Butylbenzene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
n-Butylbenzene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
tert-Butylbenzene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Carbon disulfide	ND		mg/kg dry	0.000763	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Carbon Tetrachloride	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Chlorobenzene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Chlorodibromomethane	ND		mg/kg dry	0.000433	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Chloroethane	ND		mg/kg dry	0.000478	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Chloroform	0.00162	J, B	mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Chloromethane	ND		mg/kg dry	0.00114	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
2-Chlorotoluene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
4-Chlorotoluene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00387	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000592	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Dibromomethane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,4-Dichlorobenzene	ND		mg/kg dry	0.000820	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,3-Dichlorobenzene	ND		mg/kg dry	0.000490	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2-Dichlorobenzene	ND		mg/kg dry	0.000490	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Dichlorodifluoromethane	ND		mg/kg dry	0.00182	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1-Dichloroethane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2-Dichloroethane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1-Dichloroethene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,3-Dichloropropane	ND		mg/kg dry	0.000513	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2-Dichloropropane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
2,2-Dichloropropane	ND		mg/kg dry	0.000888	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1-Dichloropropene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Ethylbenzene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Hexachlorobutadiene	ND		mg/kg dry	0.000718	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
2-Hexanone	ND		mg/kg dry	0.0194	0.0569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Isopropylbenzene	0.00355		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
p-Isopropyltoluene	0.00366		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Methylene Chloride	ND		mg/kg dry	0.00228	0.0114	1	12/12/09 19:50	SW846 8260B	KxC	9122234
4-Methyl-2-pentanone	ND		mg/kg dry	0.00330	0.0569	1	12/12/09 19:50	SW846 8260B	KxC	9122234

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-05 (B-18-S - Soil) - cont. Sampled: 12/04/09 13:25										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Naphthalene	0.00461	J	mg/kg dry	0.00194	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
n-Propylbenzene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Styrene	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Tetrachloroethene	ND		mg/kg dry	0.000456	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Toluene	0.000649	J	mg/kg dry	0.000456	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.00105	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.00116	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1,2-Trichloroethane	ND		mg/kg dry	0.00126	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,1,1-Trichloroethane	ND		mg/kg dry	0.000456	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Trichloroethene	ND		mg/kg dry	0.000945	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Trichlorofluoromethane	ND		mg/kg dry	0.000763	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2,3-Trichloropropane	ND		mg/kg dry	0.00117	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000456	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000478	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Vinyl chloride	ND		mg/kg dry	0.000934	0.00228	1	12/12/09 19:50	SW846 8260B	KxC	9122234
Xylenes, total	ND		mg/kg dry	0.00148	0.00569	1	12/12/09 19:50	SW846 8260B	KxC	9122234
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	103 %					1	12/12/09 19:50	SW846 8260B	KxC	9122234
<i>Surr: Dibromofluoromethane (75-125%)</i>	102 %					1	12/12/09 19:50	SW846 8260B	KxC	9122234
<i>Surr: Toluene-d8 (76-129%)</i>	111 %					1	12/12/09 19:50	SW846 8260B	KxC	9122234
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	103 %					1	12/12/09 19:50	SW846 8260B	KxC	9122234
Extractable Petroleum Hydrocarbons										
Diesel	54.0	QP6	mg/kg dry	2.42	4.83	1	12/15/09 04:27	TPH-D/Finger	mrb	9121727
<i>Surr: o-Terphenyl (29-141%)</i>	76 %					1	12/15/09 04:27	TPH-D/Finger	mrb	9121727

Sample ID: NSL0906-06 (B-18-GW - Ground Water) Sampled: 12/04/09 13:30

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND	ug/L	25.0	50.0	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Benzene	ND	ug/L	0.410	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Bromobenzene	ND	ug/L	0.360	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Bromoform	ND	ug/L	0.470	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Bromochloromethane	ND	ug/L	0.270	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Bromodichloromethane	ND	ug/L	0.430	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Bromoform	ND	ug/L	0.300	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
2-Butanone	ND	ug/L	2.10	50.0	1	12/09/09 23:12	SW846 8260B	JJP	9121616
sec-Butylbenzene	ND	ug/L	0.360	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
n-Butylbenzene	ND	ug/L	0.310	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
tert-Butylbenzene	ND	ug/L	0.380	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-06 (B-18-GW - Ground Water) - cont. Sampled: 12/04/09 13:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Carbon disulfide										
Carbon Tetrachloride										
Chlorobenzene										
Chlorodibromomethane										
Chloroethane										
Chloroform										
Chloromethane										
2-Chlorotoluene										
4-Chlorotoluene										
1,2-Dibromo-3-chloropropane										
1,2-Dibromoethane (EDB)										
Dibromomethane										
1,4-Dichlorobenzene										
1,3-Dichlorobenzene										
1,2-Dichlorobenzene										
Dichlorodifluoromethane										
1,1-Dichloroethane										
1,2-Dichloroethane										
cis-1,2-Dichloroethene										
1,1-Dichloroethene										
trans-1,2-Dichloroethene										
1,3-Dichloropropane										
1,2-Dichloropropane										
2,2-Dichloropropane										
cis-1,3-Dichloropropene										
trans-1,3-Dichloropropene										
1,1-Dichloropropene										
Ethylbenzene										
Hexachlorobutadiene										
2-Hexanone										
Isopropylbenzene										
p-Isopropyltoluene										
Methyl tert-Butyl Ether										
Methylene Chloride										
4-Methyl-2-pentanone										
Naphthalene										
n-Propylbenzene										
Styrene										
1,1,1,2-Tetrachloroethane										

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-06 (B-18-GW - Ground Water) - cont. Sampled: 12/04/09 13:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Tetrachloroethene	0.380	J	ug/L	0.320	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,2,3-Trichloroproppane	ND		ug/L	0.470	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
1,2,4-Trimethylbenzene	ND		ug/L	0.320	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
Xylenes, total	ND		ug/L	0.730	3.00	1	12/09/09 23:12	SW846 8260B	JJP	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>133 %</i>					<i>1</i>	<i>12/09/09 23:12</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>115 %</i>					<i>1</i>	<i>12/09/09 23:12</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>97 %</i>					<i>1</i>	<i>12/09/09 23:12</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>95 %</i>					<i>1</i>	<i>12/09/09 23:12</i>	<i>SW846 8260B</i>	<i>JJP</i>	<i>9121616</i>

Sample ID: NSL0906-07 (B-19-S - Soil) Sampled: 12/04/09 13:55

General Chemistry Parameters

% Dry Solids	83.4	%	0.500	0.500	1	12/15/09 08:46	SW-846	DEA	9122489
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Volatile Organic Compounds by EPA Method 8260B

Acetone	0.135	mg/kg dry	0.0270	0.0539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Benzene	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Bromobenzene	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Bromoform	ND	mg/kg dry	0.00110	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Bromochloromethane	ND	mg/kg dry	0.000431	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Bromodichloromethane	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Bromoform	ND	mg/kg dry	0.000690	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Bromomethane	ND	mg/kg dry	0.0183	0.0539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
2-Butanone	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
sec-Butylbenzene	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
n-Butylbenzene	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
tert-Butylbenzene	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Carbon disulfide	ND	mg/kg dry	0.000722	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Carbon Tetrachloride	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Chlorobenzene	ND	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Chlorodibromomethane	ND	mg/kg dry	0.000410	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Chloroethane	ND	mg/kg dry	0.000453	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-07 (B-19-S - Soil) - cont. Sampled: 12/04/09 13:55										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Chloroform	0.00106	J, B	mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Chloromethane	ND		mg/kg dry	0.00108	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
2-Chlorotoluene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
4-Chlorotoluene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00367	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000561	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Dibromomethane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,4-Dichlorobenzene	ND		mg/kg dry	0.000776	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,3-Dichlorobenzene	ND		mg/kg dry	0.000464	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2-Dichlorobenzene	ND		mg/kg dry	0.000464	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Dichlorodifluoromethane	ND		mg/kg dry	0.00173	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,1-Dichloroethane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2-Dichloroethane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,1-Dichloroethene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,3-Dichloropropane	ND		mg/kg dry	0.000485	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2-Dichloropropane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
2,2-Dichloropropane	ND		mg/kg dry	0.000841	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,1-Dichloropropene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Ethylbenzene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Hexachlorobutadiene	ND		mg/kg dry	0.000679	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
2-Hexanone	ND		mg/kg dry	0.0183	0.0539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Isopropylbenzene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
p-Isopropyltoluene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Methylene Chloride	ND		mg/kg dry	0.00216	0.0108	1	12/13/09 18:17	SW846 8260B	KxC	9122429
4-Methyl-2-pentanone	ND		mg/kg dry	0.00313	0.0539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Naphthalene	ND		mg/kg dry	0.00183	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
n-Propylbenzene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Styrene	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Tetrachloroethene	ND		mg/kg dry	0.000431	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Toluene	ND		mg/kg dry	0.000431	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.000992	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.00110	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-07 (B-19-S - Soil) - cont. Sampled: 12/04/09 13:55										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,1,2-Trichloroethane	ND		mg/kg dry	0.00120	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,1,1-Trichloroethane	ND		mg/kg dry	0.000431	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Trichloroethene	ND		mg/kg dry	0.000895	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Trichlorofluoromethane	ND		mg/kg dry	0.000722	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2,3-Trichloroproppane	ND		mg/kg dry	0.00111	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000431	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000453	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Vinyl chloride	ND		mg/kg dry	0.000884	0.00216	1	12/13/09 18:17	SW846 8260B	KxC	9122429
Xylenes, total	ND		mg/kg dry	0.00140	0.00539	1	12/13/09 18:17	SW846 8260B	KxC	9122429
<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	81 %					1	12/13/09 18:17	SW846 8260B	KxC	9122429
<i>Surr: Dibromofluoromethane (75-125%)</i>	94 %					1	12/13/09 18:17	SW846 8260B	KxC	9122429
<i>Surr: Toluene-d8 (76-129%)</i>	113 %					1	12/13/09 18:17	SW846 8260B	KxC	9122429
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	97 %					1	12/13/09 18:17	SW846 8260B	KxC	9122429
Extractable Petroleum Hydrocarbons										
Diesel	15.8	QP6	mg/kg dry	2.35	4.71	1	12/15/09 04:45	TPH-D/Finger	mrb	9121727
<i>Surr: o-Terphenyl (29-141%)</i>	79 %					1	12/15/09 04:45	TPH-D/Finger	mrb	9121727

Sample ID: NSL0906-08 (B-19-GW - Ground Water) Sampled: 12/04/09 14:00

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND	ug/L	25.0	50.0	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Benzene	ND	ug/L	0.410	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Bromobenzene	ND	ug/L	0.360	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Bromochloromethane	ND	ug/L	0.470	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Bromodichloromethane	ND	ug/L	0.270	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Bromoform	ND	ug/L	0.430	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Bromomethane	ND	ug/L	0.300	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
2-Butanone	ND	ug/L	2.10	50.0	1	12/09/09 23:40	SW846 8260B	JJP	9121616
sec-Butylbenzene	ND	ug/L	0.360	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
n-Butylbenzene	ND	ug/L	0.310	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
tert-Butylbenzene	ND	ug/L	0.380	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Carbon disulfide	ND	ug/L	0.360	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Carbon Tetrachloride	ND	ug/L	0.330	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Chlorobenzene	ND	ug/L	0.220	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Chlorodibromomethane	ND	ug/L	0.260	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Chloroethane	ND	ug/L	0.460	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Chloroform	ND	ug/L	0.250	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Chloromethane	ND	ug/L	0.390	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
2-Chlorotoluene	ND	ug/L	0.510	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
4-Chlorotoluene	ND	ug/L	0.510	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-08 (B-19-GW - Ground Water) - cont. Sampled: 12/04/09 14:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,2-Dibromo-3-chloropropane	ND		ug/L	0.860	5.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2-Dibromoethane (EDB)	ND		ug/L	0.460	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Dibromomethane	ND		ug/L	0.410	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,4-Dichlorobenzene	ND		ug/L	0.430	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,3-Dichlorobenzene	ND		ug/L	0.320	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Dichlorodifluoromethane	ND		ug/L	0.190	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1-Dichloroethane	ND		ug/L	0.340	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2-Dichloroethane	ND		ug/L	0.350	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Styrene	ND		ug/L	0.260	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0906-08 (B-19-GW - Ground Water) - cont. Sampled: 12/04/09 14:00

Volatile Organic Compounds by EPA Method 8260B - cont.

1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
1,2,4-Trimethylbenzene	ND		ug/L	0.320	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
Xylenes, total	ND		ug/L	0.730	3.00	1	12/09/09 23:40	SW846 8260B	JJP	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	129 %					1	12/09/09 23:40	SW846 8260B	JJP	9121616
<i>Surr: Dibromofluoromethane (73-131%)</i>	115 %					1	12/09/09 23:40	SW846 8260B	JJP	9121616
<i>Surr: Toluene-d8 (80-120%)</i>	96 %					1	12/09/09 23:40	SW846 8260B	JJP	9121616
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	97 %					1	12/09/09 23:40	SW846 8260B	JJP	9121616

Sample ID: NSL0906-09 (B-20-S - Soil) Sampled: 12/04/09 14:20

General Chemistry Parameters

% Dry Solids	84.1		%	0.500	0.500	1	12/15/09 08:46	SW-846	DEA	9122489
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Volatile Organic Compounds by EPA Method 8260B

Acetone	0.0195	J	mg/kg dry	0.0119	0.0239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Benzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Bromobenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Bromochloromethane	ND		mg/kg dry	0.000487	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Bromodichloromethane	ND		mg/kg dry	0.000191	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Bromoform	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Bromomethane	ND		mg/kg dry	0.000306	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
2-Butanone	ND		mg/kg dry	0.00812	0.0239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
sec-Butylbenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
n-Butylbenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
tert-Butylbenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Carbon disulfide	ND		mg/kg dry	0.000320	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Carbon Tetrachloride	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Chlorobenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Chlorodibromomethane	ND		mg/kg dry	0.000182	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Chloroethane	ND		mg/kg dry	0.000201	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Chloroform	0.00202	B	mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Chloromethane	ND		mg/kg dry	0.000478	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
2-Chlorotoluene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
4-Chlorotoluene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.00162	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.000249	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Dibromomethane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,4-Dichlorobenzene	ND		mg/kg dry	0.000344	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,3-Dichlorobenzene	ND		mg/kg dry	0.000206	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-09 (B-20-S - Soil) - cont. Sampled: 12/04/09 14:20										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,2-Dichlorobenzene	ND		mg/kg dry	0.000206	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Dichlorodifluoromethane	ND		mg/kg dry	0.000765	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1-Dichloroethane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2-Dichloroethane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
cis-1,2-Dichloroethene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1-Dichloroethene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
trans-1,2-Dichloroethene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,3-Dichloropropane	ND		mg/kg dry	0.000215	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2-Dichloropropane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
2,2-Dichloropropane	ND		mg/kg dry	0.000373	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
cis-1,3-Dichloropropene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
trans-1,3-Dichloropropene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1-Dichloropropene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Ethylbenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Hexachlorobutadiene	ND		mg/kg dry	0.000301	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
2-Hexanone	ND		mg/kg dry	0.00812	0.0239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Isopropylbenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
p-Isopropyltoluene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Methyl tert-Butyl Ether	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Methylene Chloride	ND		mg/kg dry	0.000956	0.00478	1	12/13/09 18:48	SW846 8260B	KxC	9122429
4-Methyl-2-pentanone	ND		mg/kg dry	0.00139	0.0239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Naphthalene	ND		mg/kg dry	0.000812	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
n-Propylbenzene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Styrene	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Tetrachloroethene	ND		mg/kg dry	0.000191	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Toluene	0.000392	J	mg/kg dry	0.000191	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.000440	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.000487	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1,2-Trichloroethane	ND		mg/kg dry	0.000530	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,1,1-Trichloroethane	ND		mg/kg dry	0.000191	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Trichloroethene	ND		mg/kg dry	0.000397	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Trichlorofluoromethane	ND		mg/kg dry	0.000320	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2,3-Trichloropropane	ND		mg/kg dry	0.000492	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.000191	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.000201	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Vinyl chloride	ND		mg/kg dry	0.000392	0.000956	1	12/13/09 18:48	SW846 8260B	KxC	9122429
Xylenes, total	ND		mg/kg dry	0.000621	0.00239	1	12/13/09 18:48	SW846 8260B	KxC	9122429

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NSL0906-09 (B-20-S - Soil) - cont. Sampled: 12/04/09 14:20

Volatile Organic Compounds by EPA Method 8260B - cont.

<i>Surr: 1,2-Dichloroethane-d4 (67-138%)</i>	75 %					1	12/13/09 18:48	SW846 8260B	KxC	9122429
<i>Surr: Dibromofluoromethane (75-125%)</i>	91 %					1	12/13/09 18:48	SW846 8260B	KxC	9122429
<i>Surr: Toluene-d8 (76-129%)</i>	105 %					1	12/13/09 18:48	SW846 8260B	KxC	9122429
<i>Surr: 4-Bromofluorobenzene (67-147%)</i>	91 %					1	12/13/09 18:48	SW846 8260B	KxC	9122429

Extractable Petroleum Hydrocarbons

Diesel	3.90	J, QP6	mg/kg dry	2.37	4.73	1	12/15/09 05:02	TPH-D/Finger	mrb	9121727
<i>Surr: o-Terphenyl (29-141%)</i>	81 %					1	12/15/09 05:02	TPH-D/Finger	mrb	9121727

Sample ID: NSL0906-10 (B-20-GW - Ground Water) Sampled: 12/04/09 14:30

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND	ug/L	25.0	50.0	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Benzene	ND	ug/L	0.410	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Bromobenzene	ND	ug/L	0.360	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Bromochloromethane	ND	ug/L	0.470	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Bromodichloromethane	ND	ug/L	0.270	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Bromoform	ND	ug/L	0.430	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Bromomethane	ND	ug/L	0.300	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
2-Butanone	ND	ug/L	2.10	50.0	1	12/10/09 00:07	SW846 8260B	JJP	9121616
sec-Butylbenzene	ND	ug/L	0.360	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
n-Butylbenzene	ND	ug/L	0.310	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
tert-Butylbenzene	ND	ug/L	0.380	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Carbon disulfide	ND	ug/L	0.360	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Carbon Tetrachloride	ND	ug/L	0.330	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Chlorobenzene	ND	ug/L	0.220	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Chlorodibromomethane	ND	ug/L	0.260	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Chloroethane	ND	ug/L	0.460	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Chloroform	ND	ug/L	0.250	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Chloromethane	ND	ug/L	0.390	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
2-Chlorotoluene	ND	ug/L	0.510	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
4-Chlorotoluene	ND	ug/L	0.510	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2-Dibromo-3-chloropropane	ND	ug/L	0.860	5.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2-Dibromoethane (EDB)	ND	ug/L	0.460	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Dibromomethane	ND	ug/L	0.410	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,4-Dichlorobenzene	ND	ug/L	0.430	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,3-Dichlorobenzene	ND	ug/L	0.320	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2-Dichlorobenzene	ND	ug/L	0.400	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Dichlorodifluoromethane	ND	ug/L	0.190	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1-Dichloroethane	ND	ug/L	0.340	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2-Dichloroethane	ND	ug/L	0.350	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSL0906-10 (B-20-GW - Ground Water) - cont. Sampled: 12/04/09 14:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
cis-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1-Dichloroethene	ND		ug/L	0.220	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
trans-1,2-Dichloroethene	ND		ug/L	0.330	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,3-Dichloropropane	ND		ug/L	0.270	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2-Dichloropropane	ND		ug/L	0.240	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
2,2-Dichloropropane	ND		ug/L	0.300	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
cis-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
trans-1,3-Dichloropropene	ND		ug/L	0.330	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1-Dichloropropene	ND		ug/L	0.260	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Ethylbenzene	ND		ug/L	0.350	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Hexachlorobutadiene	ND		ug/L	0.790	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
2-Hexanone	ND		ug/L	1.40	50.0	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Isopropylbenzene	ND		ug/L	0.400	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
p-Isopropyltoluene	ND		ug/L	0.330	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Methyl tert-Butyl Ether	ND		ug/L	0.320	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Methylene Chloride	ND		ug/L	0.480	5.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
4-Methyl-2-pentanone	ND		ug/L	1.40	10.0	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Naphthalene	ND		ug/L	0.380	5.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
n-Propylbenzene	ND		ug/L	0.390	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Styrene	ND		ug/L	0.260	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1,2,2-Tetrachloroethane	ND		ug/L	0.360	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Tetrachloroethene	ND		ug/L	0.320	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Toluene	ND		ug/L	0.350	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2,3-Trichlorobenzene	ND	L	ug/L	0.270	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2,4-Trichlorobenzene	ND	L	ug/L	0.360	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1,2-Trichloroethane	ND		ug/L	0.320	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,1,1-Trichloroethane	ND		ug/L	0.190	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Trichloroethene	ND		ug/L	0.260	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Trichlorofluoromethane	ND		ug/L	0.220	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2,3-Trichloropropane	ND		ug/L	0.470	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,3,5-Trimethylbenzene	ND		ug/L	0.360	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
1,2,4-Trimethylbenzene	ND		ug/L	0.320	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Vinyl chloride	ND		ug/L	0.220	1.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
Xylenes, total	ND		ug/L	0.730	3.00	1	12/10/09 00:07	SW846 8260B	JJP	9121616
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	134 %					1	12/10/09 00:07	SW846 8260B	JJP	9121616
<i>Surr: Dibromofluoromethane (73-131%)</i>	117 %					1	12/10/09 00:07	SW846 8260B	JJP	9121616
<i>Surr: Toluene-d8 (80-120%)</i>	97 %					1	12/10/09 00:07	SW846 8260B	JJP	9121616
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	93 %					1	12/10/09 00:07	SW846 8260B	JJP	9121616

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
TPH-D/Finger	9121727	NSL0906-01	25.18	1.00	12/12/09 11:40	HLB	EPA 3550B
TPH-D/Finger	9121727	NSL0906-03	25.31	1.00	12/12/09 11:40	HLB	EPA 3550B
TPH-D/Finger	9121727	NSL0906-05	25.74	1.00	12/12/09 11:40	HLB	EPA 3550B
TPH-D/Finger	9121727	NSL0906-07	25.47	1.00	12/12/09 11:40	HLB	EPA 3550B
TPH-D/Finger	9121727	NSL0906-09	25.12	1.00	12/12/09 11:40	HLB	EPA 3550B
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9122234	NSL0906-01	4.68	5.00	12/04/09 12:00	CHH	EPA 5035
SW846 8260B	9122429	NSL0906-01RE1	5.02	5.00	12/04/09 12:00	CHH	EPA 5035
SW846 8260B	9121711	NSL0906-01RE2	5.20	5.00	12/04/09 12:00	CHH	EPA 5035
SW846 8260B	9122234	NSL0906-03	10.67	5.00	12/04/09 13:10	CHH	EPA 5035
SW846 8260B	9122429	NSL0906-03RE1	11.24	5.00	12/04/09 13:10	CHH	EPA 5035
SW846 8260B	9122234	NSL0906-05	5.46	5.00	12/04/09 13:25	CHH	EPA 5035
SW846 8260B	9122234	NSL0906-07	6.71	5.00	12/04/09 13:55	CHH	EPA 5035
SW846 8260B	9122429	NSL0906-07RE1	5.56	5.00	12/04/09 13:55	CHH	EPA 5035
SW846 8260B	9122234	NSL0906-09	12.96	5.00	12/04/09 14:20	CHH	EPA 5035
SW846 8260B	9122429	NSL0906-09RE1	12.44	5.00	12/04/09 14:20	CHH	EPA 5035

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
9121616-BLK1						
Acetone	<25.0		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Benzene	<0.410		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Bromobenzene	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Bromoform	<0.470		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Bromochloromethane	<0.270		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Bromodichloromethane	<0.430		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Bromomethane	<0.300		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2-Butanone	<2.10		ug/L	9121616	9121616-BLK1	12/09/09 17:16
sec-Butylbenzene	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
n-Butylbenzene	<0.310		ug/L	9121616	9121616-BLK1	12/09/09 17:16
tert-Butylbenzene	<0.380		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Carbon disulfide	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Carbon Tetrachloride	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chlorobenzene	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chlorodibromomethane	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chloroethane	<0.460		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chloroform	<0.250		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Chloromethane	<0.390		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2-Chlorotoluene	<0.510		ug/L	9121616	9121616-BLK1	12/09/09 17:16
4-Chlorotoluene	<0.510		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dibromoethane (EDB)	<0.460		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Dibromomethane	<0.410		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,4-Dichlorobenzene	<0.430		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,3-Dichlorobenzene	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dichlorobenzene	<0.400		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Dichlorodifluoromethane	<0.190		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1-Dichloroethane	<0.340		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dichloroethane	<0.350		ug/L	9121616	9121616-BLK1	12/09/09 17:16
cis-1,2-Dichloroethene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1-Dichloroethene	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
trans-1,2-Dichloroethene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,3-Dichloropropane	<0.270		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2-Dichloropropane	<0.240		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2,2-Dichloropropane	<0.300		ug/L	9121616	9121616-BLK1	12/09/09 17:16
cis-1,3-Dichloropropene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
trans-1,3-Dichloropropene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1-Dichloropropene	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Ethylbenzene	<0.350		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Hexachlorobutadiene	2.41		ug/L	9121616	9121616-BLK1	12/09/09 17:16
2-Hexanone	<1.40		ug/L	9121616	9121616-BLK1	12/09/09 17:16

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

9121616-BLK1

Isopropylbenzene	<0.400		ug/L	9121616	9121616-BLK1	12/09/09 17:16
p-Isopropyltoluene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Methyl tert-Butyl Ether	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Methylene Chloride	<0.480		ug/L	9121616	9121616-BLK1	12/09/09 17:16
4-Methyl-2-pentanone	<1.40		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Naphthalene	<0.380		ug/L	9121616	9121616-BLK1	12/09/09 17:16
n-Propylbenzene	<0.390		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Styrene	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Tetrachloroethene	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Toluene	<0.350		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,3-Trichlorobenzene	2.30		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,4-Trichlorobenzene	0.640	J	ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,2-Trichloroethane	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,1,1-Trichloroethane	<0.190		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Trichloroethene	<0.260		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Trichlorofluoromethane	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,3-Trichloropropane	<0.470		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,3,5-Trimethylbenzene	<0.360		ug/L	9121616	9121616-BLK1	12/09/09 17:16
1,2,4-Trimethylbenzene	<0.320		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Vinyl chloride	<0.220		ug/L	9121616	9121616-BLK1	12/09/09 17:16
o-Xylene	<0.330		ug/L	9121616	9121616-BLK1	12/09/09 17:16
m,p-Xylene	<0.400		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Xylenes, total	<0.730		ug/L	9121616	9121616-BLK1	12/09/09 17:16
Surrogate: 1,2-Dichloroethane-d4	123%			9121616	9121616-BLK1	12/09/09 17:16
Surrogate: Dibromofluoromethane	113%			9121616	9121616-BLK1	12/09/09 17:16
Surrogate: Toluene-d8	94%			9121616	9121616-BLK1	12/09/09 17:16
Surrogate: 4-Bromofluorobenzene	96%			9121616	9121616-BLK1	12/09/09 17:16

9121711-BLK1

Acetone	<0.0250		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Benzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromobenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromochloromethane	<0.00102		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromodichloromethane	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromoform	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Bromomethane	<0.000640		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2-Butanone	<0.0170		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
sec-Butylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
n-Butylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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						
9121711-BLK1						
tert-Butylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Carbon disulfide	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Carbon Tetrachloride	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chlorobenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chlorodibromomethane	<0.000380		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chloroethane	<0.000420		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chloroform	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Chloromethane	<0.00100		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2-Chlorotoluene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
4-Chlorotoluene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dibromo-3-chloropropane	<0.00340		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dibromoethane (EDB)	<0.000520		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Dibromomethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,4-Dichlorobenzene	<0.000720		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,3-Dichlorobenzene	<0.000430		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dichlorobenzene	<0.000430		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Dichlorodifluoromethane	<0.00160		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1-Dichloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dichloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
cis-1,2-Dichloroethene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1-Dichloroethene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
trans-1,2-Dichloroethene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,3-Dichloropropane	<0.000450		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2,2-Dichloropropene	<0.000780		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
cis-1,3-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
trans-1,3-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1-Dichloropropene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Ethylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Hexachlorobutadiene	<0.000630		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
2-Hexanone	<0.0170		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Isopropylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
p-Isopropyltoluene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Methyl tert-Butyl Ether	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Methylene Chloride	<0.00200		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
4-Methyl-2-pentanone	<0.00290		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Naphthalene	<0.00170		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
n-Propylbenzene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Styrene	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,1,2-Tetrachloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,2,2-Tetrachloroethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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						
9121711-BLK1						
Tetrachloroethene	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Toluene	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,3-Trichlorobenzene	<0.000920		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,4-Trichlorobenzene	<0.00102		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,2-Trichloroethane	<0.00111		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,1,1-Trichloroethane	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Trichloroethene	<0.000830		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Trichlorofluoromethane	<0.000670		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,3-Trichloropropane	<0.00103		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,3,5-Trimethylbenzene	<0.000400		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
1,2,4-Trimethylbenzene	<0.000420		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Vinyl chloride	<0.000820		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Xylenes, total	<0.00130		mg/kg wet	9121711	9121711-BLK1	12/13/09 20:27
Surrogate: 1,2-Dichloroethane-d4	110%			9121711	9121711-BLK1	12/13/09 20:27
Surrogate: Dibromofluoromethane	102%			9121711	9121711-BLK1	12/13/09 20:27
Surrogate: Toluene-d8	108%			9121711	9121711-BLK1	12/13/09 20:27
Surrogate: 4-Bromofluorobenzene	107%			9121711	9121711-BLK1	12/13/09 20:27
9122234-BLK1						
Acetone	<0.0250		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Benzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromobenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromochloromethane	<0.00102		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromodichloromethane	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromoform	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Bromomethane	<0.000640		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2-Butanone	<0.0170		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
sec-Butylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
n-Butylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
tert-Butylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Carbon disulfide	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Carbon Tetrachloride	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chlorobenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chlorodibromomethane	<0.000380		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chloroethane	<0.000420		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chloroform	0.00306	B	mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Chloromethane	<0.00100		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2-Chlorotoluene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
4-Chlorotoluene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dibromo-3-chloropropane	<0.00340		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dibromoethane (EDB)	<0.000520		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

9122234-BLK1

Dibromomethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,4-Dichlorobenzene	<0.000720		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,3-Dichlorobenzene	<0.000430		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dichlorobenzene	<0.000430		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Dichlorodifluoromethane	<0.00160		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1-Dichloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dichloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
cis-1,2-Dichloroethene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1-Dichloroethene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
trans-1,2-Dichloroethene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,3-Dichloroproppane	<0.000450		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2-Dichloroproppane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2,2-Dichloroproppane	<0.000780		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
cis-1,3-Dichloropropene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
trans-1,3-Dichloropropene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1-Dichloropropene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Ethylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Hexachlorobutadiene	<0.000630		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
2-Hexanone	<0.0170		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Isopropylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
p-Isopropyltoluene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Methyl tert-Butyl Ether	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Methylene Chloride	<0.00200		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
4-Methyl-2-pentanone	<0.00290		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Naphthalene	<0.00170		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
n-Propylbenzene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Styrene	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,1,2-Tetrachloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,2,2-Tetrachloroethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Tetrachloroethene	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Toluene	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,3-Trichlorobenzene	<0.000920		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,4-Trichlorobenzene	<0.00102		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,2-Trichloroethane	<0.00111		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,1,1-Trichloroethane	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Trichloroethene	<0.000830		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Trichlorofluoromethane	<0.000670		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,3-Trichloropropane	<0.00103		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,3,5-Trimethylbenzene	<0.000400		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
1,2,4-Trimethylbenzene	<0.000420		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Vinyl chloride	<0.000820		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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						
9122234-BLK1						
Xylenes, total	<0.00130		mg/kg wet	9122234	9122234-BLK1	12/12/09 16:25
Surrogate: 1,2-Dichloroethane-d4	98%			9122234	9122234-BLK1	12/12/09 16:25
Surrogate: Dibromofluoromethane	95%			9122234	9122234-BLK1	12/12/09 16:25
Surrogate: Toluene-d8	110%			9122234	9122234-BLK1	12/12/09 16:25
Surrogate: 4-Bromofluorobenzene	98%			9122234	9122234-BLK1	12/12/09 16:25
9122429-BLK1						
Acetone	<0.0250		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Benzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Bromobenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Bromochloromethane	<0.00102		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Bromodichloromethane	<0.000400		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Bromoform	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Bromomethane	<0.000640		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
2-Butanone	<0.0170		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
sec-Butylbenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
n-Butylbenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
tert-Butylbenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Carbon disulfide	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Carbon Tetrachloride	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Chlorobenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Chlorodibromomethane	<0.000380		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Chloroethane	<0.000420		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Chloroform	0.00241		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Chloromethane	<0.00100		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
2-Chlorotoluene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
4-Chlorotoluene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2-Dibromo-3-chloropropane	<0.00340		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2-Dibromoethane (EDB)	<0.000520		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Dibromomethane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,4-Dichlorobenzene	<0.000720		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,3-Dichlorobenzene	<0.000430		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2-Dichlorobenzene	<0.000430		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Dichlorodifluoromethane	<0.00160		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1-Dichloroethane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2-Dichloroethane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
cis-1,2-Dichloroethene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1-Dichloroethene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
trans-1,2-Dichloroethene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,3-Dichloropropane	<0.000450		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2-Dichloropropane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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						
9122429-BLK1						
2,2-Dichloropropane	<0.000780		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
cis-1,3-Dichloropropene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
trans-1,3-Dichloropropene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1-Dichloropropene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Ethylbenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Hexachlorobutadiene	<0.000630		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
2-Hexanone	<0.0170		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Isopropylbenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
p-Isopropyltoluene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Methyl tert-Butyl Ether	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Methylene Chloride	<0.00200		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
4-Methyl-2-pentanone	<0.00290		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Naphthalene	<0.00170		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
n-Propylbenzene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Styrene	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1,1,2-Tetrachloroethane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1,2,2-Tetrachloroethane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Tetrachloroethene	<0.000400		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Toluene	<0.000400		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2,3-Trichlorobenzene	<0.000920		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2,4-Trichlorobenzene	<0.00102		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1,2-Trichloroethane	<0.00111		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,1,1-Trichloroethane	<0.000400		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Trichloroethene	<0.000830		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Trichlorofluoromethane	<0.000670		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2,3-Trichloropropane	<0.00103		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,3,5-Trimethylbenzene	<0.000400		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
1,2,4-Trimethylbenzene	<0.000420		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Vinyl chloride	<0.000820		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Xylenes, total	<0.00130		mg/kg wet	9122429	9122429-BLK1	12/13/09 13:41
Surrogate: 1,2-Dichloroethane-d4	80%			9122429	9122429-BLK1	12/13/09 13:41
Surrogate: Dibromofluoromethane	91%			9122429	9122429-BLK1	12/13/09 13:41
Surrogate: Toluene-d8	101%			9122429	9122429-BLK1	12/13/09 13:41
Surrogate: 4-Bromofluorobenzene	89%			9122429	9122429-BLK1	12/13/09 13:41

Extractable Petroleum Hydrocarbons

9121727-BLK1

Diesel	<2.00	mg/kg wet	9121727	9121727-BLK1	12/14/09 11:15
Surrogate: o-Terphenyl	79%		9121727	9121727-BLK1	12/14/09 11:15

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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										
9122489-DUP1										
% Dry Solids	41.7	18.5		%	77	20	9122489	NSL0632-02		12/15/09 08:46

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
9121616-BS1								
Acetone	250	338		ug/L	135%	56 - 150	9121616	12/09/09 15:27
Benzene	50.0	51.7		ug/L	103%	80 - 121	9121616	12/09/09 15:27
Bromobenzene	50.0	47.7		ug/L	95%	72 - 130	9121616	12/09/09 15:27
Bromochloromethane	50.0	54.4		ug/L	109%	73 - 137	9121616	12/09/09 15:27
Bromodichloromethane	50.0	59.2		ug/L	118%	75 - 131	9121616	12/09/09 15:27
Bromoform	50.0	51.5		ug/L	103%	65 - 140	9121616	12/09/09 15:27
Bromomethane	50.0	57.8		ug/L	116%	50 - 150	9121616	12/09/09 15:27
2-Butanone	250	303		ug/L	121%	70 - 144	9121616	12/09/09 15:27
sec-Butylbenzene	50.0	51.8		ug/L	104%	72 - 140	9121616	12/09/09 15:27
n-Butylbenzene	50.0	52.4		ug/L	105%	68 - 140	9121616	12/09/09 15:27
tert-Butylbenzene	50.0	51.5		ug/L	103%	76 - 135	9121616	12/09/09 15:27
Carbon disulfide	50.0	53.2		ug/L	106%	74 - 137	9121616	12/09/09 15:27
Carbon Tetrachloride	50.0	63.1		ug/L	126%	71 - 137	9121616	12/09/09 15:27
Chlorobenzene	50.0	50.4		ug/L	101%	80 - 121	9121616	12/09/09 15:27
Chlorodibromomethane	50.0	53.1		ug/L	106%	68 - 137	9121616	12/09/09 15:27
Chloroethane	50.0	50.8		ug/L	102%	50 - 146	9121616	12/09/09 15:27
Chloroform	50.0	61.4		ug/L	123%	73 - 131	9121616	12/09/09 15:27
Chloromethane	50.0	53.8		ug/L	108%	30 - 132	9121616	12/09/09 15:27
2-Chlorotoluene	50.0	48.2		ug/L	96%	74 - 135	9121616	12/09/09 15:27
4-Chlorotoluene	50.0	48.6		ug/L	97%	74 - 132	9121616	12/09/09 15:27
1,2-Dibromo-3-chloropropane	50.0	49.3		ug/L	99%	56 - 145	9121616	12/09/09 15:27
1,2-Dibromoethane (EDB)	50.0	55.3		ug/L	111%	80 - 135	9121616	12/09/09 15:27
Dibromomethane	50.0	60.0		ug/L	120%	78 - 133	9121616	12/09/09 15:27
1,4-Dichlorobenzene	50.0	48.0		ug/L	96%	80 - 120	9121616	12/09/09 15:27
1,3-Dichlorobenzene	50.0	48.1		ug/L	96%	80 - 128	9121616	12/09/09 15:27
1,2-Dichlorobenzene	50.0	49.7		ug/L	99%	80 - 125	9121616	12/09/09 15:27
Dichlorodifluoromethane	50.0	42.7		ug/L	85%	30 - 132	9121616	12/09/09 15:27
1,1-Dichloroethane	50.0	55.3		ug/L	111%	75 - 125	9121616	12/09/09 15:27
1,2-Dichloroethane	50.0	65.6		ug/L	131%	70 - 134	9121616	12/09/09 15:27
cis-1,2-Dichloroethene	50.0	59.0		ug/L	118%	71 - 132	9121616	12/09/09 15:27
1,1-Dichloroethene	50.0	54.8		ug/L	110%	73 - 125	9121616	12/09/09 15:27
trans-1,2-Dichloroethene	50.0	57.7		ug/L	115%	77 - 125	9121616	12/09/09 15:27
1,3-Dichloropropane	50.0	53.2		ug/L	106%	76 - 125	9121616	12/09/09 15:27
1,2-Dichloropropane	50.0	49.8		ug/L	100%	72 - 120	9121616	12/09/09 15:27
2,2-Dichloropropane	50.0	63.4		ug/L	127%	50 - 150	9121616	12/09/09 15:27
cis-1,3-Dichloropropene	50.0	50.6		ug/L	101%	70 - 140	9121616	12/09/09 15:27
trans-1,3-Dichloropropene	50.0	52.7		ug/L	105%	62 - 139	9121616	12/09/09 15:27
1,1-Dichloropropene	50.0	56.1		ug/L	112%	78 - 126	9121616	12/09/09 15:27
Ethylbenzene	50.0	52.4		ug/L	105%	78 - 133	9121616	12/09/09 15:27
Hexachlorobutadiene	50.0	62.8	B	ug/L	126%	70 - 150	9121616	12/09/09 15:27
2-Hexanone	250	305		ug/L	122%	60 - 150	9121616	12/09/09 15:27

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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								
9121616-BS1								
Isopropylbenzene	50.0	53.6		ug/L	107%	69 - 120	9121616	12/09/09 15:27
p-Isopropyltoluene	50.0	50.9		ug/L	102%	72 - 134	9121616	12/09/09 15:27
Methyl tert-Butyl Ether	50.0	55.1		ug/L	110%	76 - 120	9121616	12/09/09 15:27
Methylene Chloride	50.0	56.4		ug/L	113%	80 - 133	9121616	12/09/09 15:27
4-Methyl-2-pentanone	250	266		ug/L	107%	62 - 146	9121616	12/09/09 15:27
Naphthalene	50.0	60.4		ug/L	121%	71 - 139	9121616	12/09/09 15:27
n-Propylbenzene	50.0	49.1		ug/L	98%	70 - 143	9121616	12/09/09 15:27
Styrene	50.0	52.9		ug/L	106%	80 - 136	9121616	12/09/09 15:27
1,1,1,2-Tetrachloroethane	50.0	57.9		ug/L	116%	80 - 130	9121616	12/09/09 15:27
1,1,2,2-Tetrachloroethane	50.0	49.6		ug/L	99%	73 - 131	9121616	12/09/09 15:27
Tetrachloroethene	50.0	52.6		ug/L	105%	77 - 131	9121616	12/09/09 15:27
Toluene	50.0	47.5		ug/L	95%	78 - 125	9121616	12/09/09 15:27
1,2,3-Trichlorobenzene	50.0	77.3	L, B	ug/L	155%	71 - 138	9121616	12/09/09 15:27
1,2,4-Trichlorobenzene	50.0	65.9		ug/L	132%	74 - 136	9121616	12/09/09 15:27
1,1,2-Trichloroethane	50.0	53.3		ug/L	107%	80 - 123	9121616	12/09/09 15:27
1,1,1-Trichloroethane	50.0	60.7		ug/L	121%	75 - 137	9121616	12/09/09 15:27
Trichloroethene	50.0	55.6		ug/L	111%	74 - 139	9121616	12/09/09 15:27
Trichlorofluoromethane	50.0	55.0		ug/L	110%	60 - 133	9121616	12/09/09 15:27
1,2,3-Trichloropropane	50.0	46.1		ug/L	92%	64 - 127	9121616	12/09/09 15:27
1,3,5-Trimethylbenzene	50.0	51.0		ug/L	102%	75 - 134	9121616	12/09/09 15:27
1,2,4-Trimethylbenzene	50.0	51.5		ug/L	103%	77 - 134	9121616	12/09/09 15:27
Vinyl chloride	50.0	50.5		ug/L	101%	60 - 122	9121616	12/09/09 15:27
o-Xylene	50.0	51.6		ug/L	103%	66 - 150	9121616	12/09/09 15:27
m,p-Xylene	100	104		ug/L	104%	78 - 132	9121616	12/09/09 15:27
Xylenes, total	150	155		ug/L	103%	78 - 134	9121616	12/09/09 15:27
Surrogate: 1,2-Dichloroethane-d4	25.0	28.8			115%	63 - 140	9121616	12/09/09 15:27
Surrogate: Dibromofluoromethane	25.0	27.4			110%	73 - 131	9121616	12/09/09 15:27
Surrogate: Toluene-d8	25.0	22.8			91%	80 - 120	9121616	12/09/09 15:27
Surrogate: 4-Bromofluorobenzene	25.0	23.7			95%	79 - 125	9121616	12/09/09 15:27

9121711-BS1

Acetone	250	313		ug/kg	125%	60 - 150	9121711	12/13/09 18:11
Benzene	50.0	51.3		ug/kg	103%	78 - 126	9121711	12/13/09 18:11
Bromobenzene	50.0	55.6		ug/kg	111%	79 - 126	9121711	12/13/09 18:11
Bromochloromethane	50.0	49.1		ug/kg	98%	78 - 126	9121711	12/13/09 18:11
Bromodichloromethane	50.0	53.1		ug/kg	106%	75 - 129	9121711	12/13/09 18:11
Bromoform	50.0	50.2		ug/kg	100%	74 - 133	9121711	12/13/09 18:11
Bromomethane	50.0	54.2		ug/kg	108%	50 - 150	9121711	12/13/09 18:11
2-Butanone	250	280		ug/kg	112%	68 - 149	9121711	12/13/09 18:11
sec-Butylbenzene	50.0	54.0		ug/kg	108%	76 - 135	9121711	12/13/09 18:11
n-Butylbenzene	50.0	52.6		ug/kg	105%	73 - 143	9121711	12/13/09 18:11

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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								
9121711-BS1								
tert-Butylbenzene	50.0	54.5		ug/kg	109%	80 - 129	9121711	12/13/09 18:11
Carbon disulfide	50.0	50.5		ug/kg	101%	80 - 132	9121711	12/13/09 18:11
Carbon Tetrachloride	50.0	51.4		ug/kg	103%	70 - 138	9121711	12/13/09 18:11
Chlorobenzene	50.0	52.6		ug/kg	105%	80 - 123	9121711	12/13/09 18:11
Chlorodibromomethane	50.0	51.2		ug/kg	102%	80 - 127	9121711	12/13/09 18:11
Chloroethane	50.0	50.9		ug/kg	102%	55 - 150	9121711	12/13/09 18:11
Chloroform	50.0	51.2		ug/kg	102%	70 - 127	9121711	12/13/09 18:11
Chloromethane	50.0	46.4		ug/kg	93%	36 - 137	9121711	12/13/09 18:11
2-Chlorotoluene	50.0	57.5		ug/kg	115%	80 - 130	9121711	12/13/09 18:11
4-Chlorotoluene	50.0	56.4		ug/kg	113%	77 - 132	9121711	12/13/09 18:11
1,2-Dibromo-3-chloropropane	50.0	54.6		ug/kg	109%	62 - 150	9121711	12/13/09 18:11
1,2-Dibromoethane (EDB)	50.0	60.8		ug/kg	122%	80 - 131	9121711	12/13/09 18:11
Dibromomethane	50.0	53.3		ug/kg	107%	78 - 128	9121711	12/13/09 18:11
1,4-Dichlorobenzene	50.0	50.6		ug/kg	101%	80 - 129	9121711	12/13/09 18:11
1,3-Dichlorobenzene	50.0	55.7		ug/kg	111%	80 - 131	9121711	12/13/09 18:11
1,2-Dichlorobenzene	50.0	56.2		ug/kg	112%	80 - 127	9121711	12/13/09 18:11
Dichlorodifluoromethane	50.0	43.3		ug/kg	87%	30 - 150	9121711	12/13/09 18:11
1,1-Dichloroethane	50.0	51.0		ug/kg	102%	71 - 126	9121711	12/13/09 18:11
1,2-Dichloroethane	50.0	49.8		ug/kg	100%	70 - 139	9121711	12/13/09 18:11
cis-1,2-Dichloroethene	50.0	51.5		ug/kg	103%	75 - 126	9121711	12/13/09 18:11
1,1-Dichloroethene	50.0	53.3		ug/kg	107%	70 - 125	9121711	12/13/09 18:11
trans-1,2-Dichloroethene	50.0	51.4		ug/kg	103%	73 - 128	9121711	12/13/09 18:11
1,3-Dichloropropane	50.0	56.3		ug/kg	113%	79 - 128	9121711	12/13/09 18:11
1,2-Dichloropropane	50.0	49.0		ug/kg	98%	75 - 120	9121711	12/13/09 18:11
2,2-Dichloropropane	50.0	52.2		ug/kg	104%	60 - 139	9121711	12/13/09 18:11
cis-1,3-Dichloropropene	50.0	59.3		ug/kg	119%	74 - 136	9121711	12/13/09 18:11
trans-1,3-Dichloropropene	50.0	50.5		ug/kg	101%	73 - 128	9121711	12/13/09 18:11
1,1-Dichloropropene	50.0	52.5		ug/kg	105%	78 - 125	9121711	12/13/09 18:11
Ethylbenzene	50.0	57.3		ug/kg	115%	79 - 130	9121711	12/13/09 18:11
Hexachlorobutadiene	50.0	60.4		ug/kg	121%	75 - 150	9121711	12/13/09 18:11
2-Hexanone	250	278		ug/kg	111%	65 - 150	9121711	12/13/09 18:11
Isopropylbenzene	50.0	53.1		ug/kg	106%	65 - 121	9121711	12/13/09 18:11
p-Isopropyltoluene	50.0	52.0		ug/kg	104%	76 - 133	9121711	12/13/09 18:11
Methyl tert-Butyl Ether	50.0	55.0		ug/kg	110%	70 - 128	9121711	12/13/09 18:11
Methylene Chloride	50.0	51.8		ug/kg	104%	69 - 140	9121711	12/13/09 18:11
4-Methyl-2-pentanone	250	300		ug/kg	120%	67 - 147	9121711	12/13/09 18:11
Naphthalene	50.0	64.8		ug/kg	130%	72 - 150	9121711	12/13/09 18:11
n-Propylbenzene	50.0	58.6		ug/kg	117%	76 - 133	9121711	12/13/09 18:11
Styrene	50.0	52.9		ug/kg	106%	80 - 140	9121711	12/13/09 18:11
1,1,1,2-Tetrachloroethane	50.0	56.4		ug/kg	113%	80 - 132	9121711	12/13/09 18:11
1,1,2,2-Tetrachloroethane	50.0	55.1		ug/kg	110%	75 - 135	9121711	12/13/09 18:11

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 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								
9121711-BS1								
Tetrachloroethene	50.0	53.0	MNR	ug/kg	106%	76 - 130	9121711	12/13/09 18:11
Toluene	50.0	53.3		ug/kg	107%	76 - 126	9121711	12/13/09 18:11
1,2,3-Trichlorobenzene	50.0	67.2		ug/kg	134%	75 - 150	9121711	12/13/09 18:11
1,2,4-Trichlorobenzene	50.0	59.2		ug/kg	118%	64 - 150	9121711	12/13/09 18:11
1,1,2-Trichloroethane	50.0	54.7		ug/kg	109%	73 - 133	9121711	12/13/09 18:11
1,1,1-Trichloroethane	50.0	52.2		ug/kg	104%	70 - 132	9121711	12/13/09 18:11
Trichloroethene	50.0	53.9	MNR	ug/kg	108%	79 - 129	9121711	12/13/09 18:11
Trichlorofluoromethane	50.0	47.1		ug/kg	94%	52 - 148	9121711	12/13/09 18:11
1,2,3-Trichloropropane	50.0	52.8		ug/kg	106%	70 - 125	9121711	12/13/09 18:11
1,3,5-Trimethylbenzene	50.0	53.2		ug/kg	106%	80 - 134	9121711	12/13/09 18:11
1,2,4-Trimethylbenzene	50.0	54.4		ug/kg	109%	80 - 132	9121711	12/13/09 18:11
Vinyl chloride	50.0	50.9		ug/kg	102%	53 - 142	9121711	12/13/09 18:11
Xylenes, total	150	166		ug/kg	111%	80 - 130	9121711	12/13/09 18:11
Surrogate: 1,2-Dichloroethane-d4	25.0	24.6			99%	67 - 138	9121711	12/13/09 18:11
Surrogate: Dibromoform	25.0	25.2			101%	75 - 125	9121711	12/13/09 18:11
Surrogate: Toluene-d8	25.0	26.2			105%	76 - 129	9121711	12/13/09 18:11
Surrogate: 4-Bromofluorobenzene	25.0	25.9			104%	67 - 147	9121711	12/13/09 18:11
9122234-BS1								
Acetone	250	221		ug/kg	89%	60 - 150	9122234	12/12/09 14:26
Benzene	50.0	45.8		ug/kg	92%	78 - 126	9122234	12/12/09 14:26
Bromobenzene	50.0	47.6		ug/kg	95%	79 - 126	9122234	12/12/09 14:26
Bromochloromethane	50.0	48.0		ug/kg	96%	78 - 126	9122234	12/12/09 14:26
Bromodichloromethane	50.0	46.0		ug/kg	92%	75 - 129	9122234	12/12/09 14:26
Bromoform	50.0	44.8		ug/kg	90%	74 - 133	9122234	12/12/09 14:26
Bromomethane	50.0	53.3		ug/kg	107%	50 - 150	9122234	12/12/09 14:26
2-Butanone	250	244		ug/kg	98%	68 - 149	9122234	12/12/09 14:26
sec-Butylbenzene	50.0	56.3		ug/kg	113%	76 - 135	9122234	12/12/09 14:26
n-Butylbenzene	50.0	55.8		ug/kg	112%	73 - 143	9122234	12/12/09 14:26
tert-Butylbenzene	50.0	48.8		ug/kg	98%	80 - 129	9122234	12/12/09 14:26
Carbon disulfide	50.0	49.6		ug/kg	99%	80 - 132	9122234	12/12/09 14:26
Carbon Tetrachloride	50.0	45.6		ug/kg	91%	70 - 138	9122234	12/12/09 14:26
Chlorobenzene	50.0	49.6		ug/kg	99%	80 - 123	9122234	12/12/09 14:26
Chlorodibromomethane	50.0	51.0		ug/kg	102%	80 - 127	9122234	12/12/09 14:26
Chloroethane	50.0	47.3		ug/kg	95%	55 - 150	9122234	12/12/09 14:26
Chloroform	50.0	45.2	B	ug/kg	90%	70 - 127	9122234	12/12/09 14:26
Chloromethane	50.0	48.1		ug/kg	96%	36 - 137	9122234	12/12/09 14:26
2-Chlorotoluene	50.0	51.9		ug/kg	104%	80 - 130	9122234	12/12/09 14:26
4-Chlorotoluene	50.0	50.0		ug/kg	100%	77 - 132	9122234	12/12/09 14:26
1,2-Dibromo-3-chloropropane	50.0	46.1		ug/kg	92%	62 - 150	9122234	12/12/09 14:26
1,2-Dibromoethane (EDB)	50.0	52.4		ug/kg	105%	80 - 131	9122234	12/12/09 14:26

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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								
9122234-BS1								
Dibromomethane	50.0	46.5		ug/kg	93%	78 - 128	9122234	12/12/09 14:26
1,4-Dichlorobenzene	50.0	44.9		ug/kg	90%	80 - 129	9122234	12/12/09 14:26
1,3-Dichlorobenzene	50.0	48.6		ug/kg	97%	80 - 131	9122234	12/12/09 14:26
1,2-Dichlorobenzene	50.0	47.6		ug/kg	95%	80 - 127	9122234	12/12/09 14:26
Dichlorodifluoromethane	50.0	50.9		ug/kg	102%	30 - 150	9122234	12/12/09 14:26
1,1-Dichloroethane	50.0	45.9		ug/kg	92%	71 - 126	9122234	12/12/09 14:26
1,2-Dichloroethane	50.0	43.2		ug/kg	86%	70 - 139	9122234	12/12/09 14:26
cis-1,2-Dichloroethene	50.0	47.4		ug/kg	95%	75 - 126	9122234	12/12/09 14:26
1,1-Dichloroethene	50.0	47.2		ug/kg	94%	70 - 125	9122234	12/12/09 14:26
trans-1,2-Dichloroethene	50.0	46.2		ug/kg	92%	73 - 128	9122234	12/12/09 14:26
1,3-Dichloropropane	50.0	51.9		ug/kg	104%	79 - 128	9122234	12/12/09 14:26
1,2-Dichloropropane	50.0	44.7		ug/kg	89%	75 - 120	9122234	12/12/09 14:26
2,2-Dichloropropane	50.0	46.0		ug/kg	92%	60 - 139	9122234	12/12/09 14:26
cis-1,3-Dichloropropene	50.0	50.2		ug/kg	100%	74 - 136	9122234	12/12/09 14:26
trans-1,3-Dichloropropene	50.0	49.0		ug/kg	98%	73 - 128	9122234	12/12/09 14:26
1,1-Dichloropropene	50.0	48.2		ug/kg	96%	78 - 125	9122234	12/12/09 14:26
Ethylbenzene	50.0	57.0		ug/kg	114%	79 - 130	9122234	12/12/09 14:26
Hexachlorobutadiene	50.0	48.9		ug/kg	98%	75 - 150	9122234	12/12/09 14:26
2-Hexanone	250	257		ug/kg	103%	65 - 150	9122234	12/12/09 14:26
Isopropylbenzene	50.0	52.4		ug/kg	105%	65 - 121	9122234	12/12/09 14:26
p-Isopropyltoluene	50.0	49.6		ug/kg	99%	76 - 133	9122234	12/12/09 14:26
Methyl tert-Butyl Ether	50.0	46.8		ug/kg	94%	70 - 128	9122234	12/12/09 14:26
Methylene Chloride	50.0	48.6		ug/kg	97%	69 - 140	9122234	12/12/09 14:26
4-Methyl-2-pentanone	250	255		ug/kg	102%	67 - 147	9122234	12/12/09 14:26
Naphthalene	50.0	48.3		ug/kg	97%	72 - 150	9122234	12/12/09 14:26
n-Propylbenzene	50.0	52.7		ug/kg	105%	76 - 133	9122234	12/12/09 14:26
Styrene	50.0	55.7		ug/kg	111%	80 - 140	9122234	12/12/09 14:26
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/kg	102%	80 - 132	9122234	12/12/09 14:26
1,1,2,2-Tetrachloroethane	50.0	46.5		ug/kg	93%	75 - 135	9122234	12/12/09 14:26
Tetrachloroethene	50.0	51.6		ug/kg	103%	76 - 130	9122234	12/12/09 14:26
Toluene	50.0	49.4		ug/kg	99%	76 - 126	9122234	12/12/09 14:26
1,2,3-Trichlorobenzene	50.0	51.5		ug/kg	103%	75 - 150	9122234	12/12/09 14:26
1,2,4-Trichlorobenzene	50.0	53.5		ug/kg	107%	64 - 150	9122234	12/12/09 14:26
1,1,2-Trichloroethane	50.0	51.8		ug/kg	104%	73 - 133	9122234	12/12/09 14:26
1,1,1-Trichloroethane	50.0	44.0		ug/kg	88%	70 - 132	9122234	12/12/09 14:26
Trichloroethene	50.0	46.6		ug/kg	93%	79 - 129	9122234	12/12/09 14:26
Trichlorofluoromethane	50.0	43.2		ug/kg	86%	52 - 148	9122234	12/12/09 14:26
1,2,3-Trichloropropane	50.0	44.2		ug/kg	88%	70 - 125	9122234	12/12/09 14:26
1,3,5-Trimethylbenzene	50.0	54.2		ug/kg	108%	80 - 134	9122234	12/12/09 14:26
1,2,4-Trimethylbenzene	50.0	50.7		ug/kg	101%	80 - 132	9122234	12/12/09 14:26
Vinyl chloride	50.0	51.3		ug/kg	103%	53 - 142	9122234	12/12/09 14:26

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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								
9122234-BS1								
Xylenes, total	150	175		ug/kg	117%	80 - 130	9122234	12/12/09 14:26
Surrogate: 1,2-Dichloroethane-d4	50.0	44.7			89%	67 - 138	9122234	12/12/09 14:26
Surrogate: Dibromofluoromethane	50.0	47.3			95%	75 - 125	9122234	12/12/09 14:26
Surrogate: Toluene-d8	50.0	50.7			101%	76 - 129	9122234	12/12/09 14:26
Surrogate: 4-Bromofluorobenzene	50.0	51.2			102%	67 - 147	9122234	12/12/09 14:26
9122429-BS1								
Acetone	250	281		ug/kg	112%	60 - 150	9122429	12/13/09 12:09
Benzene	50.0	52.1		ug/kg	104%	78 - 126	9122429	12/13/09 12:09
Bromobenzene	50.0	47.4		ug/kg	95%	79 - 126	9122429	12/13/09 12:09
Bromoform	50.0	46.3		ug/kg	93%	74 - 133	9122429	12/13/09 12:09
Bromochloromethane	50.0	51.6		ug/kg	103%	78 - 126	9122429	12/13/09 12:09
Bromodichloromethane	50.0	50.1		ug/kg	100%	75 - 129	9122429	12/13/09 12:09
Bromoform	50.0	47.6		ug/kg	95%	50 - 150	9122429	12/13/09 12:09
2-Butanone	250	282		ug/kg	113%	68 - 149	9122429	12/13/09 12:09
sec-Butylbenzene	50.0	55.2		ug/kg	110%	76 - 135	9122429	12/13/09 12:09
n-Butylbenzene	50.0	55.4		ug/kg	111%	73 - 143	9122429	12/13/09 12:09
tert-Butylbenzene	50.0	54.1		ug/kg	108%	80 - 129	9122429	12/13/09 12:09
Carbon disulfide	50.0	52.5		ug/kg	105%	80 - 132	9122429	12/13/09 12:09
Carbon Tetrachloride	50.0	44.4		ug/kg	89%	70 - 138	9122429	12/13/09 12:09
Chlorobenzene	50.0	53.2		ug/kg	106%	80 - 123	9122429	12/13/09 12:09
Chlorodibromomethane	50.0	47.1		ug/kg	94%	80 - 127	9122429	12/13/09 12:09
Chloroethane	50.0	49.1		ug/kg	98%	55 - 150	9122429	12/13/09 12:09
Chloroform	50.0	43.6	B	ug/kg	87%	70 - 127	9122429	12/13/09 12:09
Chloromethane	50.0	45.9		ug/kg	92%	36 - 137	9122429	12/13/09 12:09
2-Chlorotoluene	50.0	50.4		ug/kg	101%	80 - 130	9122429	12/13/09 12:09
4-Chlorotoluene	50.0	50.0		ug/kg	100%	77 - 132	9122429	12/13/09 12:09
1,2-Dibromo-3-chloropropane	50.0	50.0		ug/kg	100%	62 - 150	9122429	12/13/09 12:09
1,2-Dibromoethane (EDB)	50.0	53.1		ug/kg	106%	80 - 131	9122429	12/13/09 12:09
Dibromomethane	50.0	48.8		ug/kg	98%	78 - 128	9122429	12/13/09 12:09
1,4-Dichlorobenzene	50.0	54.1		ug/kg	108%	80 - 129	9122429	12/13/09 12:09
1,3-Dichlorobenzene	50.0	53.8		ug/kg	108%	80 - 131	9122429	12/13/09 12:09
1,2-Dichlorobenzene	50.0	54.7		ug/kg	109%	80 - 127	9122429	12/13/09 12:09
Dichlorodifluoromethane	50.0	33.2		ug/kg	66%	30 - 150	9122429	12/13/09 12:09
1,1-Dichloroethane	50.0	48.5		ug/kg	97%	71 - 126	9122429	12/13/09 12:09
1,2-Dichloroethane	50.0	40.6		ug/kg	81%	70 - 139	9122429	12/13/09 12:09
cis-1,2-Dichloroethene	50.0	47.8		ug/kg	96%	75 - 126	9122429	12/13/09 12:09
1,1-Dichloroethene	50.0	50.1		ug/kg	100%	70 - 125	9122429	12/13/09 12:09
trans-1,2-Dichloroethene	50.0	46.3		ug/kg	93%	73 - 128	9122429	12/13/09 12:09
1,3-Dichloropropane	50.0	50.8		ug/kg	102%	79 - 128	9122429	12/13/09 12:09
1,2-Dichloropropane	50.0	49.8		ug/kg	100%	75 - 120	9122429	12/13/09 12:09

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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								
9122429-BS1								
2,2-Dichloropropane	50.0	42.1		ug/kg	84%	60 - 139	9122429	12/13/09 12:09
cis-1,3-Dichloropropene	50.0	61.3		ug/kg	123%	74 - 136	9122429	12/13/09 12:09
trans-1,3-Dichloropropene	50.0	52.2		ug/kg	104%	73 - 128	9122429	12/13/09 12:09
1,1-Dichloropropene	50.0	48.6		ug/kg	97%	78 - 125	9122429	12/13/09 12:09
Ethylbenzene	50.0	52.3		ug/kg	105%	79 - 130	9122429	12/13/09 12:09
Hexachlorobutadiene	50.0	53.8		ug/kg	108%	75 - 150	9122429	12/13/09 12:09
2-Hexanone	250	287		ug/kg	115%	65 - 150	9122429	12/13/09 12:09
Isopropylbenzene	50.0	52.3		ug/kg	105%	65 - 121	9122429	12/13/09 12:09
p-Isopropyltoluene	50.0	52.6		ug/kg	105%	76 - 133	9122429	12/13/09 12:09
Methyl tert-Butyl Ether	50.0	43.5		ug/kg	87%	70 - 128	9122429	12/13/09 12:09
Methylene Chloride	50.0	50.8		ug/kg	102%	69 - 140	9122429	12/13/09 12:09
4-Methyl-2-pentanone	250	276		ug/kg	110%	67 - 147	9122429	12/13/09 12:09
Naphthalene	50.0	59.8		ug/kg	120%	72 - 150	9122429	12/13/09 12:09
n-Propylbenzene	50.0	52.9		ug/kg	106%	76 - 133	9122429	12/13/09 12:09
Styrene	50.0	57.4		ug/kg	115%	80 - 140	9122429	12/13/09 12:09
1,1,1,2-Tetrachloroethane	50.0	54.2		ug/kg	108%	80 - 132	9122429	12/13/09 12:09
1,1,2,2-Tetrachloroethane	50.0	55.0		ug/kg	110%	75 - 135	9122429	12/13/09 12:09
Tetrachloroethene	50.0	50.4		ug/kg	101%	76 - 130	9122429	12/13/09 12:09
Toluene	50.0	53.7		ug/kg	107%	76 - 126	9122429	12/13/09 12:09
1,2,3-Trichlorobenzene	50.0	58.3		ug/kg	117%	75 - 150	9122429	12/13/09 12:09
1,2,4-Trichlorobenzene	50.0	60.0		ug/kg	120%	64 - 150	9122429	12/13/09 12:09
1,1,2-Trichloroethane	50.0	52.6		ug/kg	105%	73 - 133	9122429	12/13/09 12:09
1,1,1-Trichloroethane	50.0	42.1		ug/kg	84%	70 - 132	9122429	12/13/09 12:09
Trichloroethene	50.0	52.2		ug/kg	104%	79 - 129	9122429	12/13/09 12:09
Trichlorofluoromethane	50.0	37.8		ug/kg	76%	52 - 148	9122429	12/13/09 12:09
1,2,3-Trichloropropane	50.0	46.7		ug/kg	93%	70 - 125	9122429	12/13/09 12:09
1,3,5-Trimethylbenzene	50.0	51.7		ug/kg	103%	80 - 134	9122429	12/13/09 12:09
1,2,4-Trimethylbenzene	50.0	52.5		ug/kg	105%	80 - 132	9122429	12/13/09 12:09
Vinyl chloride	50.0	47.1		ug/kg	94%	53 - 142	9122429	12/13/09 12:09
Xylenes, total	150	149		ug/kg	99%	80 - 130	9122429	12/13/09 12:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	41.2			82%	67 - 138	9122429	12/13/09 12:09
<i>Surrogate: Dibromofluoromethane</i>	50.0	45.3			91%	75 - 125	9122429	12/13/09 12:09
<i>Surrogate: Toluene-d8</i>	50.0	49.4			99%	76 - 129	9122429	12/13/09 12:09
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	45.7			91%	67 - 147	9122429	12/13/09 12:09

Extractable Petroleum Hydrocarbons

9121727-BS1

Diesel	40.0	37.7		mg/kg wet	94%	55 - 123	9121727	12/15/09 02:44
<i>Surrogate: o-Terphenyl</i>	0.800	0.818			102%	29 - 141	9121727	12/15/09 02:44

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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
Volatile Organic Compounds by EPA Method 8260B												
9121616-BSD1												
Acetone	352			ug/L	250	141%	56 - 150	4	31	9121616		12/09/09 15:54
Benzene	51.8			ug/L	50.0	104%	80 - 121	0.3	12	9121616		12/09/09 15:54
Bromobenzene	49.0			ug/L	50.0	98%	72 - 130	3	23	9121616		12/09/09 15:54
Bromochloromethane	56.0			ug/L	50.0	112%	73 - 137	3	32	9121616		12/09/09 15:54
Bromodichloromethane	60.8			ug/L	50.0	122%	75 - 131	3	13	9121616		12/09/09 15:54
Bromoform	53.3			ug/L	50.0	107%	65 - 140	3	18	9121616		12/09/09 15:54
Bromomethane	58.1			ug/L	50.0	116%	50 - 150	0.4	50	9121616		12/09/09 15:54
2-Butanone	311			ug/L	250	124%	70 - 144	3	37	9121616		12/09/09 15:54
sec-Butylbenzene	53.4			ug/L	50.0	107%	72 - 140	3	21	9121616		12/09/09 15:54
n-Butylbenzene	54.5			ug/L	50.0	109%	68 - 140	4	11	9121616		12/09/09 15:54
tert-Butylbenzene	53.0			ug/L	50.0	106%	76 - 135	3	20	9121616		12/09/09 15:54
Carbon disulfide	54.2			ug/L	50.0	108%	74 - 137	2	28	9121616		12/09/09 15:54
Carbon Tetrachloride	63.7			ug/L	50.0	127%	71 - 137	1	26	9121616		12/09/09 15:54
Chlorobenzene	51.3			ug/L	50.0	103%	80 - 121	2	11	9121616		12/09/09 15:54
Chlorodibromomethane	54.5			ug/L	50.0	109%	68 - 137	3	16	9121616		12/09/09 15:54
Chloroethane	51.2			ug/L	50.0	102%	50 - 146	0.7	35	9121616		12/09/09 15:54
Chloroform	62.1			ug/L	50.0	124%	73 - 131	1	32	9121616		12/09/09 15:54
Chloromethane	55.2			ug/L	50.0	110%	30 - 132	2	34	9121616		12/09/09 15:54
2-Chlorotoluene	49.7			ug/L	50.0	99%	74 - 135	3	22	9121616		12/09/09 15:54
4-Chlorotoluene	49.9			ug/L	50.0	100%	74 - 132	3	22	9121616		12/09/09 15:54
1,2-Dibromo-3-chloropropane	50.4			ug/L	50.0	101%	56 - 145	2	21	9121616		12/09/09 15:54
1,2-Dibromoethane (EDB)	56.7			ug/L	50.0	113%	80 - 135	2	10	9121616		12/09/09 15:54
Dibromomethane	61.7			ug/L	50.0	123%	78 - 133	3	11	9121616		12/09/09 15:54
1,4-Dichlorobenzene	49.4			ug/L	50.0	99%	80 - 120	3	10	9121616		12/09/09 15:54
1,3-Dichlorobenzene	49.4			ug/L	50.0	99%	80 - 128	3	18	9121616		12/09/09 15:54
1,2-Dichlorobenzene	51.0			ug/L	50.0	102%	80 - 125	2	11	9121616		12/09/09 15:54
Dichlorodifluoromethane	43.2			ug/L	50.0	86%	30 - 132	1	32	9121616		12/09/09 15:54
1,1-Dichloroethane	56.0			ug/L	50.0	112%	75 - 125	1	34	9121616		12/09/09 15:54
1,2-Dichloroethane	67.1			ug/L	50.0	134%	70 - 134	2	25	9121616		12/09/09 15:54
cis-1,2-Dichloroethene	59.2			ug/L	50.0	118%	71 - 132	0.4	32	9121616		12/09/09 15:54
1,1-Dichloroethene	55.2			ug/L	50.0	110%	73 - 125	0.8	31	9121616		12/09/09 15:54
trans-1,2-Dichloroethene	58.8			ug/L	50.0	118%	77 - 125	2	32	9121616		12/09/09 15:54
1,3-Dichloropropane	54.2			ug/L	50.0	108%	76 - 125	2	20	9121616		12/09/09 15:54
1,2-Dichloropropane	51.0			ug/L	50.0	102%	72 - 120	2	11	9121616		12/09/09 15:54
2,2-Dichloropropane	64.3			ug/L	50.0	129%	50 - 150	1	11	9121616		12/09/09 15:54
cis-1,3-Dichloropropene	51.1			ug/L	50.0	102%	70 - 140	0.9	35	9121616		12/09/09 15:54
trans-1,3-Dichloropropene	55.2			ug/L	50.0	110%	62 - 139	5	26	9121616		12/09/09 15:54
1,1-Dichloropropene	57.1			ug/L	50.0	114%	78 - 126	2	18	9121616		12/09/09 15:54
Ethylbenzene	53.4			ug/L	50.0	107%	78 - 133	2	12	9121616		12/09/09 15:54
Hexachlorobutadiene	66.1	B		ug/L	50.0	132%	70 - 150	5	21	9121616		12/09/09 15:54
2-Hexanone	316			ug/L	250	127%	60 - 150	4	20	9121616		12/09/09 15:54

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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												
9121616-BSD1												
Isopropylbenzene	54.1			ug/L	50.0	108%	69 - 120	0.9	15	9121616		12/09/09 15:54
p-Isopropyltoluene	52.5			ug/L	50.0	105%	72 - 134	3	18	9121616		12/09/09 15:54
Methyl tert-Butyl Ether	57.2			ug/L	50.0	114%	76 - 120	4	32	9121616		12/09/09 15:54
Methylene Chloride	57.1			ug/L	50.0	114%	80 - 133	1	36	9121616		12/09/09 15:54
4-Methyl-2-pentanone	273			ug/L	250	109%	62 - 146	3	35	9121616		12/09/09 15:54
Naphthalene	65.8			ug/L	50.0	132%	71 - 139	9	30	9121616		12/09/09 15:54
n-Propylbenzene	50.2			ug/L	50.0	100%	70 - 143	2	23	9121616		12/09/09 15:54
Styrene	53.7			ug/L	50.0	107%	80 - 136	1	29	9121616		12/09/09 15:54
1,1,1,2-Tetrachloroethane	58.8			ug/L	50.0	118%	80 - 130	1	11	9121616		12/09/09 15:54
1,1,2,2-Tetrachloroethane	51.1			ug/L	50.0	102%	73 - 131	3	28	9121616		12/09/09 15:54
Tetrachloroethene	53.2			ug/L	50.0	106%	77 - 131	1	16	9121616		12/09/09 15:54
Toluene	47.6			ug/L	50.0	95%	78 - 125	0.2	35	9121616		12/09/09 15:54
1,2,3-Trichlorobenzene	85.7	L, B		ug/L	50.0	171%	71 - 138	10	28	9121616		12/09/09 15:54
1,2,4-Trichlorobenzene	70.3	L		ug/L	50.0	141%	74 - 136	6	23	9121616		12/09/09 15:54
1,1,2-Trichloroethane	55.1			ug/L	50.0	110%	80 - 123	3	21	9121616		12/09/09 15:54
1,1,1-Trichloroethane	60.1			ug/L	50.0	120%	75 - 137	1	29	9121616		12/09/09 15:54
Trichloroethene	57.3			ug/L	50.0	115%	74 - 139	3	11	9121616		12/09/09 15:54
Trichlorofluoromethane	55.8			ug/L	50.0	112%	60 - 133	1	33	9121616		12/09/09 15:54
1,2,3-Trichloropropane	47.6			ug/L	50.0	95%	64 - 127	3	25	9121616		12/09/09 15:54
1,3,5-Trimethylbenzene	52.3			ug/L	50.0	105%	75 - 134	3	21	9121616		12/09/09 15:54
1,2,4-Trimethylbenzene	52.4			ug/L	50.0	105%	77 - 134	2	20	9121616		12/09/09 15:54
Vinyl chloride	50.9			ug/L	50.0	102%	60 - 122	0.9	32	9121616		12/09/09 15:54
o-Xylene	52.2			ug/L	50.0	104%	66 - 150	1	27	9121616		12/09/09 15:54
m,p-Xylene	105			ug/L	100	105%	78 - 132	0.9	16	9121616		12/09/09 15:54
Xylenes, total	157			ug/L	150	104%	78 - 134	1	18	9121616		12/09/09 15:54
Surrogate: 1,2-Dichloroethane-d4	29.5			ug/L	25.0	118%	63 - 140			9121616		12/09/09 15:54
Surrogate: Dibromofluoromethane	27.4			ug/L	25.0	109%	73 - 131			9121616		12/09/09 15:54
Surrogate: Toluene-d8	22.9			ug/L	25.0	92%	80 - 120			9121616		12/09/09 15:54
Surrogate: 4-Bromofluorobenzene	24.1			ug/L	25.0	96%	79 - 125			9121616		12/09/09 15:54
9121711-BSD1												
Acetone	307			ug/kg	250	123%	60 - 150	2	50	9121711		12/13/09 18:38
Benzene	50.9			ug/kg	50.0	102%	78 - 126	0.7	50	9121711		12/13/09 18:38
Bromobenzene	56.4			ug/kg	50.0	113%	79 - 126	1	50	9121711		12/13/09 18:38
Bromochloromethane	49.0			ug/kg	50.0	98%	78 - 126	0.2	50	9121711		12/13/09 18:38
Bromodichloromethane	51.9			ug/kg	50.0	104%	75 - 129	2	50	9121711		12/13/09 18:38
Bromoform	50.8			ug/kg	50.0	102%	74 - 133	1	43	9121711		12/13/09 18:38
Bromomethane	54.9			ug/kg	50.0	110%	50 - 150	1	46	9121711		12/13/09 18:38
2-Butanone	284			ug/kg	250	113%	68 - 149	1	50	9121711		12/13/09 18:38
sec-Butylbenzene	54.4			ug/kg	50.0	109%	76 - 135	0.7	50	9121711		12/13/09 18:38
n-Butylbenzene	53.2			ug/kg	50.0	106%	73 - 143	1	50	9121711		12/13/09 18:38

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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												
9121711-BSD1												
tert-Butylbenzene	55.0			ug/kg	50.0	110%	80 - 129	0.9	50	9121711		12/13/09 18:38
Carbon disulfide	50.0			ug/kg	50.0	100%	80 - 132	0.9	48	9121711		12/13/09 18:38
Carbon Tetrachloride	51.2			ug/kg	50.0	102%	70 - 138	0.2	44	9121711		12/13/09 18:38
Chlorobenzene	52.4			ug/kg	50.0	105%	80 - 123	0.4	50	9121711		12/13/09 18:38
Chlorodibromomethane	51.3			ug/kg	50.0	103%	80 - 127	0.2	48	9121711		12/13/09 18:38
Chloroethane	50.4			ug/kg	50.0	101%	55 - 150	0.9	50	9121711		12/13/09 18:38
Chloroform	51.0			ug/kg	50.0	102%	70 - 127	0.4	50	9121711		12/13/09 18:38
Chloromethane	46.5			ug/kg	50.0	93%	36 - 137	0.2	44	9121711		12/13/09 18:38
2-Chlorotoluene	57.9			ug/kg	50.0	116%	80 - 130	0.8	50	9121711		12/13/09 18:38
4-Chlorotoluene	57.0			ug/kg	50.0	114%	77 - 132	1	50	9121711		12/13/09 18:38
1,2-Dibromo-3-chloropropane	56.2			ug/kg	50.0	112%	62 - 150	3	45	9121711		12/13/09 18:38
1,2-Dibromoethane (EDB)	60.5			ug/kg	50.0	121%	80 - 131	0.6	45	9121711		12/13/09 18:38
Dibromomethane	53.2			ug/kg	50.0	106%	78 - 128	0.3	50	9121711		12/13/09 18:38
1,4-Dichlorobenzene	50.8			ug/kg	50.0	102%	80 - 129	0.3	50	9121711		12/13/09 18:38
1,3-Dichlorobenzene	56.1			ug/kg	50.0	112%	80 - 131	0.8	50	9121711		12/13/09 18:38
1,2-Dichlorobenzene	56.7			ug/kg	50.0	113%	80 - 127	0.8	50	9121711		12/13/09 18:38
Dichlorodifluoromethane	44.0			ug/kg	50.0	88%	30 - 150	1	50	9121711		12/13/09 18:38
1,1-Dichloroethane	50.4			ug/kg	50.0	101%	71 - 126	1	50	9121711		12/13/09 18:38
1,2-Dichloroethane	49.4			ug/kg	50.0	99%	70 - 139	0.8	50	9121711		12/13/09 18:38
cis-1,2-Dichloroethene	51.0			ug/kg	50.0	102%	75 - 126	1	50	9121711		12/13/09 18:38
1,1-Dichloroethene	52.3			ug/kg	50.0	105%	70 - 125	2	50	9121711		12/13/09 18:38
trans-1,2-Dichloroethene	51.2			ug/kg	50.0	102%	73 - 128	0.4	40	9121711		12/13/09 18:38
1,3-Dichloropropane	55.5			ug/kg	50.0	111%	79 - 128	1	42	9121711		12/13/09 18:38
1,2-Dichloropropane	49.0			ug/kg	50.0	98%	75 - 120	0.02	50	9121711		12/13/09 18:38
2,2-Dichloropropane	51.8			ug/kg	50.0	104%	60 - 139	0.7	39	9121711		12/13/09 18:38
cis-1,3-Dichloropropene	57.9			ug/kg	50.0	116%	74 - 136	2	50	9121711		12/13/09 18:38
trans-1,3-Dichloropropene	49.3			ug/kg	50.0	99%	73 - 128	2	48	9121711		12/13/09 18:38
1,1-Dichloropropene	52.3			ug/kg	50.0	105%	78 - 125	0.3	50	9121711		12/13/09 18:38
Ethylbenzene	56.8			ug/kg	50.0	114%	79 - 130	0.9	50	9121711		12/13/09 18:38
Hexachlorobutadiene	62.4			ug/kg	50.0	125%	75 - 150	3	50	9121711		12/13/09 18:38
2-Hexanone	272			ug/kg	250	109%	65 - 150	2	50	9121711		12/13/09 18:38
Isopropylbenzene	52.6			ug/kg	50.0	105%	65 - 121	1	50	9121711		12/13/09 18:38
p-Isopropyltoluene	53.0			ug/kg	50.0	106%	76 - 133	2	50	9121711		12/13/09 18:38
Methyl tert-Butyl Ether	55.7			ug/kg	50.0	111%	70 - 128	1	50	9121711		12/13/09 18:38
Methylene Chloride	51.1			ug/kg	50.0	102%	69 - 140	1	50	9121711		12/13/09 18:38
4-Methyl-2-pentanone	296			ug/kg	250	118%	67 - 147	1	45	9121711		12/13/09 18:38
Naphthalene	68.8			ug/kg	50.0	138%	72 - 150	6	50	9121711		12/13/09 18:38
n-Propylbenzene	58.8			ug/kg	50.0	118%	76 - 133	0.4	50	9121711		12/13/09 18:38
Styrene	52.3			ug/kg	50.0	105%	80 - 140	1	50	9121711		12/13/09 18:38
1,1,1,2-Tetrachloroethane	55.7			ug/kg	50.0	111%	80 - 132	1	50	9121711		12/13/09 18:38
1,1,2,2-Tetrachloroethane	57.4			ug/kg	50.0	115%	75 - 135	4	45	9121711		12/13/09 18:38

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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												
9121711-BSD1												
Tetrachloroethene	52.0			ug/kg	50.0	104%	76 - 130	2	50	9121711		12/13/09 18:38
Toluene	52.4			ug/kg	50.0	105%	76 - 126	2	50	9121711		12/13/09 18:38
1,2,3-Trichlorobenzene	73.7			ug/kg	50.0	147%	75 - 150	9	50	9121711		12/13/09 18:38
1,2,4-Trichlorobenzene	61.2			ug/kg	50.0	122%	64 - 150	3	50	9121711		12/13/09 18:38
1,1,2-Trichloroethane	55.1			ug/kg	50.0	110%	73 - 133	0.8	50	9121711		12/13/09 18:38
1,1,1-Trichloroethane	51.9			ug/kg	50.0	104%	70 - 132	0.6	41	9121711		12/13/09 18:38
Trichloroethene	52.1			ug/kg	50.0	104%	79 - 129	3	50	9121711		12/13/09 18:38
Trichlorofluoromethane	47.1			ug/kg	50.0	94%	52 - 148	0	47	9121711		12/13/09 18:38
1,2,3-Trichloropropane	53.8			ug/kg	50.0	108%	70 - 125	2	47	9121711		12/13/09 18:38
1,3,5-Trimethylbenzene	53.8			ug/kg	50.0	108%	80 - 134	1	50	9121711		12/13/09 18:38
1,2,4-Trimethylbenzene	54.6			ug/kg	50.0	109%	80 - 132	0.5	50	9121711		12/13/09 18:38
Vinyl chloride	50.5			ug/kg	50.0	101%	53 - 142	0.8	39	9121711		12/13/09 18:38
Xylenes, total	164			ug/kg	150	109%	80 - 130	1	50	9121711		12/13/09 18:38
Surrogate: 1,2-Dichloroethane-d4	24.0			ug/kg	25.0	96%	67 - 138			9121711		12/13/09 18:38
Surrogate: Dibromofluoromethane	25.2			ug/kg	25.0	101%	75 - 125			9121711		12/13/09 18:38
Surrogate: Toluene-d8	26.0			ug/kg	25.0	104%	76 - 129			9121711		12/13/09 18:38
Surrogate: 4-Bromofluorobenzene	26.6			ug/kg	25.0	106%	67 - 147			9121711		12/13/09 18:38
9122234-BSD1												
Acetone	239			ug/kg	250	96%	60 - 150	8	50	9122234		12/12/09 14:55
Benzene	46.1			ug/kg	50.0	92%	78 - 126	0.6	50	9122234		12/12/09 14:55
Bromobenzene	47.5			ug/kg	50.0	95%	79 - 126	0.1	50	9122234		12/12/09 14:55
Bromochloromethane	47.5			ug/kg	50.0	95%	78 - 126	1	50	9122234		12/12/09 14:55
Bromodichloromethane	47.2			ug/kg	50.0	94%	75 - 129	3	50	9122234		12/12/09 14:55
Bromoform	46.7			ug/kg	50.0	93%	74 - 133	4	43	9122234		12/12/09 14:55
Bromomethane	52.3			ug/kg	50.0	105%	50 - 150	2	46	9122234		12/12/09 14:55
2-Butanone	257			ug/kg	250	103%	68 - 149	5	50	9122234		12/12/09 14:55
sec-Butylbenzene	55.3			ug/kg	50.0	111%	76 - 135	2	50	9122234		12/12/09 14:55
n-Butylbenzene	54.7			ug/kg	50.0	109%	73 - 143	2	50	9122234		12/12/09 14:55
tert-Butylbenzene	47.4			ug/kg	50.0	95%	80 - 129	3	50	9122234		12/12/09 14:55
Carbon disulfide	48.3			ug/kg	50.0	97%	80 - 132	3	48	9122234		12/12/09 14:55
Carbon Tetrachloride	44.5			ug/kg	50.0	89%	70 - 138	2	44	9122234		12/12/09 14:55
Chlorobenzene	48.2			ug/kg	50.0	96%	80 - 123	3	50	9122234		12/12/09 14:55
Chlorodibromomethane	51.7			ug/kg	50.0	103%	80 - 127	1	48	9122234		12/12/09 14:55
Chloroethane	46.1			ug/kg	50.0	92%	55 - 150	3	50	9122234		12/12/09 14:55
Chloroform	44.7	B		ug/kg	50.0	89%	70 - 127	1	50	9122234		12/12/09 14:55
Chloromethane	49.0			ug/kg	50.0	98%	36 - 137	2	44	9122234		12/12/09 14:55
2-Chlorotoluene	51.0			ug/kg	50.0	102%	80 - 130	2	50	9122234		12/12/09 14:55
4-Chlorotoluene	48.9			ug/kg	50.0	98%	77 - 132	2	50	9122234		12/12/09 14:55
1,2-Dibromo-3-chloropropane	49.3			ug/kg	50.0	99%	62 - 150	7	45	9122234		12/12/09 14:55
1,2-Dibromoethane (EDB)	53.6			ug/kg	50.0	107%	80 - 131	2	45	9122234		12/12/09 14:55

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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												
9122234-BSD1												
Dibromomethane	47.0			ug/kg	50.0	94%	78 - 128	1	50	9122234		12/12/09 14:55
1,4-Dichlorobenzene	44.5			ug/kg	50.0	89%	80 - 129	0.9	50	9122234		12/12/09 14:55
1,3-Dichlorobenzene	48.0			ug/kg	50.0	96%	80 - 131	1	50	9122234		12/12/09 14:55
1,2-Dichlorobenzene	47.6			ug/kg	50.0	95%	80 - 127	0.1	50	9122234		12/12/09 14:55
Dichlorodifluoromethane	48.6			ug/kg	50.0	97%	30 - 150	5	50	9122234		12/12/09 14:55
1,1-Dichloroethane	46.2			ug/kg	50.0	92%	71 - 126	0.6	50	9122234		12/12/09 14:55
1,2-Dichloroethane	44.7			ug/kg	50.0	89%	70 - 139	3	50	9122234		12/12/09 14:55
cis-1,2-Dichloroethene	46.9			ug/kg	50.0	94%	75 - 126	1	50	9122234		12/12/09 14:55
1,1-Dichloroethene	46.8			ug/kg	50.0	94%	70 - 125	0.8	50	9122234		12/12/09 14:55
trans-1,2-Dichloroethene	45.3			ug/kg	50.0	91%	73 - 128	2	40	9122234		12/12/09 14:55
1,3-Dichloropropane	51.9			ug/kg	50.0	104%	79 - 128	0	42	9122234		12/12/09 14:55
1,2-Dichloropropane	44.4			ug/kg	50.0	89%	75 - 120	0.6	50	9122234		12/12/09 14:55
2,2-Dichloropropane	46.0			ug/kg	50.0	92%	60 - 139	0.02	39	9122234		12/12/09 14:55
cis-1,3-Dichloropropene	50.8			ug/kg	50.0	102%	74 - 136	1	50	9122234		12/12/09 14:55
trans-1,3-Dichloropropene	49.8			ug/kg	50.0	100%	73 - 128	2	48	9122234		12/12/09 14:55
1,1-Dichloropropene	47.6			ug/kg	50.0	95%	78 - 125	1	50	9122234		12/12/09 14:55
Ethylbenzene	55.7			ug/kg	50.0	111%	79 - 130	2	50	9122234		12/12/09 14:55
Hexachlorobutadiene	48.1			ug/kg	50.0	96%	75 - 150	2	50	9122234		12/12/09 14:55
2-Hexanone	276			ug/kg	250	111%	65 - 150	7	50	9122234		12/12/09 14:55
Isopropylbenzene	51.5			ug/kg	50.0	103%	65 - 121	2	50	9122234		12/12/09 14:55
p-Isopropyltoluene	48.2			ug/kg	50.0	96%	76 - 133	3	50	9122234		12/12/09 14:55
Methyl tert-Butyl Ether	47.8			ug/kg	50.0	96%	70 - 128	2	50	9122234		12/12/09 14:55
Methylene Chloride	48.7			ug/kg	50.0	97%	69 - 140	0.2	50	9122234		12/12/09 14:55
4-Methyl-2-pentanone	274			ug/kg	250	110%	67 - 147	7	45	9122234		12/12/09 14:55
Naphthalene	50.6			ug/kg	50.0	101%	72 - 150	5	50	9122234		12/12/09 14:55
n-Propylbenzene	51.3			ug/kg	50.0	103%	76 - 133	3	50	9122234		12/12/09 14:55
Styrene	54.6			ug/kg	50.0	109%	80 - 140	2	50	9122234		12/12/09 14:55
1,1,1,2-Tetrachloroethane	50.5			ug/kg	50.0	101%	80 - 132	0.6	50	9122234		12/12/09 14:55
1,1,2,2-Tetrachloroethane	48.5			ug/kg	50.0	97%	75 - 135	4	45	9122234		12/12/09 14:55
Tetrachloroethene	50.0			ug/kg	50.0	100%	76 - 130	3	50	9122234		12/12/09 14:55
Toluene	48.4			ug/kg	50.0	97%	76 - 126	2	50	9122234		12/12/09 14:55
1,2,3-Trichlorobenzene	52.6			ug/kg	50.0	105%	75 - 150	2	50	9122234		12/12/09 14:55
1,2,4-Trichlorobenzene	53.8			ug/kg	50.0	108%	64 - 150	0.5	50	9122234		12/12/09 14:55
1,1,2-Trichloroethane	49.3			ug/kg	50.0	99%	73 - 133	5	50	9122234		12/12/09 14:55
1,1,1-Trichloroethane	43.8			ug/kg	50.0	88%	70 - 132	0.4	41	9122234		12/12/09 14:55
Trichloroethene	46.4			ug/kg	50.0	93%	79 - 129	0.6	50	9122234		12/12/09 14:55
Trichlorofluoromethane	43.5			ug/kg	50.0	87%	52 - 148	0.7	47	9122234		12/12/09 14:55
1,2,3-Trichloropropane	45.8			ug/kg	50.0	92%	70 - 125	4	47	9122234		12/12/09 14:55
1,3,5-Trimethylbenzene	53.0			ug/kg	50.0	106%	80 - 134	2	50	9122234		12/12/09 14:55
1,2,4-Trimethylbenzene	49.2			ug/kg	50.0	98%	80 - 132	3	50	9122234		12/12/09 14:55
Vinyl chloride	49.8			ug/kg	50.0	100%	53 - 142	3	39	9122234		12/12/09 14:55

Client Emerald, Inc. (8583) Work Order: NSL0906
P. O. Box 3050 Project Name: SAP-3
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 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												
9122234-BSD1												
Xylenes, total	168			ug/kg	150	112%	80 - 130	4	50	9122234		12/12/09 14:55
Surrogate: 1,2-Dichloroethane-d4	46.4			ug/kg	50.0	93%	67 - 138			9122234		12/12/09 14:55
Surrogate: Dibromofluoromethane	47.4			ug/kg	50.0	95%	75 - 125			9122234		12/12/09 14:55
Surrogate: Toluene-d8	50.4			ug/kg	50.0	101%	76 - 129			9122234		12/12/09 14:55
Surrogate: 4-Bromofluorobenzene	50.9			ug/kg	50.0	102%	67 - 147			9122234		12/12/09 14:55

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 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
Volatile Organic Compounds by EPA Method 8260B										
9121616-MS1										
Acetone	ND	271		ug/L	250	109%	56 - 150	9121616	NSL0918-01	12/10/09 09:22
Benzene	ND	55.8		ug/L	50.0	112%	65 - 151	9121616	NSL0918-01	12/10/09 09:22
Bromobenzene	ND	48.9		ug/L	50.0	98%	69 - 142	9121616	NSL0918-01	12/10/09 09:22
Bromoform	ND	60.2		ug/L	50.0	120%	64 - 154	9121616	NSL0918-01	12/10/09 09:22
Bromochloromethane	ND	67.0		ug/L	50.0	134%	75 - 138	9121616	NSL0918-01	12/10/09 09:22
Bromodichloromethane	ND	58.1		ug/L	50.0	116%	55 - 153	9121616	NSL0918-01	12/10/09 09:22
Bromomethane	ND	55.3		ug/L	50.0	111%	13 - 176	9121616	NSL0918-01	12/10/09 09:22
2-Butanone	ND	295		ug/L	250	118%	45 - 164	9121616	NSL0918-01	12/10/09 09:22
sec-Butylbenzene	ND	55.5		ug/L	50.0	111%	68 - 159	9121616	NSL0918-01	12/10/09 09:22
n-Butylbenzene	ND	57.4		ug/L	50.0	115%	67 - 151	9121616	NSL0918-01	12/10/09 09:22
tert-Butylbenzene	ND	55.1		ug/L	50.0	110%	73 - 153	9121616	NSL0918-01	12/10/09 09:22
Carbon disulfide	2.47	62.1		ug/L	50.0	119%	33 - 187	9121616	NSL0918-01	12/10/09 09:22
Carbon Tetrachloride	ND	79.8	M7	ug/L	50.0	160%	64 - 157	9121616	NSL0918-01	12/10/09 09:22
Chlorobenzene	ND	55.1		ug/L	50.0	110%	78 - 136	9121616	NSL0918-01	12/10/09 09:22
Chlorodibromomethane	ND	60.0		ug/L	50.0	120%	64 - 145	9121616	NSL0918-01	12/10/09 09:22
Chloroethane	ND	53.4		ug/L	50.0	107%	48 - 159	9121616	NSL0918-01	12/10/09 09:22
Chloroform	ND	70.5		ug/L	50.0	141%	72 - 145	9121616	NSL0918-01	12/10/09 09:22
Chloromethane	ND	51.0		ug/L	50.0	102%	10 - 194	9121616	NSL0918-01	12/10/09 09:22
2-Chlorotoluene	ND	51.2		ug/L	50.0	102%	66 - 155	9121616	NSL0918-01	12/10/09 09:22
4-Chlorotoluene	ND	52.5		ug/L	50.0	105%	69 - 149	9121616	NSL0918-01	12/10/09 09:22
1,2-Dibromo-3-chloropropane	ND	43.3		ug/L	50.0	87%	49 - 162	9121616	NSL0918-01	12/10/09 09:22
1,2-Dibromoethane (EDB)	ND	59.2		ug/L	50.0	118%	70 - 152	9121616	NSL0918-01	12/10/09 09:22
Dibromomethane	ND	67.1		ug/L	50.0	134%	75 - 141	9121616	NSL0918-01	12/10/09 09:22
1,4-Dichlorobenzene	ND	50.5		ug/L	50.0	101%	75 - 135	9121616	NSL0918-01	12/10/09 09:22
1,3-Dichlorobenzene	ND	50.4		ug/L	50.0	101%	72 - 146	9121616	NSL0918-01	12/10/09 09:22
1,2-Dichlorobenzene	ND	52.0		ug/L	50.0	104%	80 - 136	9121616	NSL0918-01	12/10/09 09:22
Dichlorodifluoromethane	ND	45.1		ug/L	50.0	90%	23 - 159	9121616	NSL0918-01	12/10/09 09:22
1,1-Dichloroethane	ND	61.1		ug/L	50.0	122%	64 - 154	9121616	NSL0918-01	12/10/09 09:22
1,2-Dichloroethane	ND	78.4	M7	ug/L	50.0	157%	72 - 137	9121616	NSL0918-01	12/10/09 09:22
cis-1,2-Dichloroethene	ND	66.3		ug/L	50.0	133%	57 - 154	9121616	NSL0918-01	12/10/09 09:22
1,1-Dichloroethene	ND	60.6		ug/L	50.0	121%	34 - 151	9121616	NSL0918-01	12/10/09 09:22
trans-1,2-Dichloroethene	ND	64.7		ug/L	50.0	129%	57 - 157	9121616	NSL0918-01	12/10/09 09:22
1,3-Dichloropropane	ND	57.3		ug/L	50.0	115%	71 - 137	9121616	NSL0918-01	12/10/09 09:22
1,2-Dichloropropane	ND	53.1		ug/L	50.0	106%	71 - 139	9121616	NSL0918-01	12/10/09 09:22
2,2-Dichloropropane	ND	75.5		ug/L	50.0	151%	10 - 198	9121616	NSL0918-01	12/10/09 09:22
cis-1,3-Dichloropropene	ND	56.3		ug/L	50.0	113%	56 - 156	9121616	NSL0918-01	12/10/09 09:22
trans-1,3-Dichloropropene	ND	60.9		ug/L	50.0	122%	47 - 157	9121616	NSL0918-01	12/10/09 09:22

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 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										
9121616-MS1										
1,1-Dichloropropene	ND	65.5		ug/L	50.0	131%	70 - 155	9121616	NSL0918-01	12/10/09 09:22
Ethylbenzene	ND	58.8		ug/L	50.0	118%	68 - 157	9121616	NSL0918-01	12/10/09 09:22
Hexachlorobutadiene	ND	59.8	B	ug/L	50.0	120%	47 - 173	9121616	NSL0918-01	12/10/09 09:22
2-Hexanone	ND	312		ug/L	250	125%	57 - 154	9121616	NSL0918-01	12/10/09 09:22
Isopropylbenzene	ND	61.8		ug/L	50.0	124%	69 - 139	9121616	NSL0918-01	12/10/09 09:22
p-Isopropyltoluene	ND	54.7		ug/L	50.0	109%	69 - 151	9121616	NSL0918-01	12/10/09 09:22
Methyl tert-Butyl Ether	ND	54.2		ug/L	50.0	108%	56 - 152	9121616	NSL0918-01	12/10/09 09:22
Methylene Chloride	ND	59.1		ug/L	50.0	118%	71 - 136	9121616	NSL0918-01	12/10/09 09:22
4-Methyl-2-pentanone	ND	292		ug/L	250	117%	62 - 159	9121616	NSL0918-01	12/10/09 09:22
Naphthalene	ND	36.4		ug/L	50.0	73%	56 - 161	9121616	NSL0918-01	12/10/09 09:22
n-Propylbenzene	ND	52.2		ug/L	50.0	104%	61 - 167	9121616	NSL0918-01	12/10/09 09:22
Styrene	ND	59.3		ug/L	50.0	119%	69 - 150	9121616	NSL0918-01	12/10/09 09:22
1,1,1,2-Tetrachloroethane	ND	65.4		ug/L	50.0	131%	80 - 140	9121616	NSL0918-01	12/10/09 09:22
1,1,2,2-Tetrachloroethane	ND	48.7		ug/L	50.0	97%	76 - 141	9121616	NSL0918-01	12/10/09 09:22
Tetrachloroethene	3.00	62.9		ug/L	50.0	120%	63 - 155	9121616	NSL0918-01	12/10/09 09:22
Toluene	ND	54.2		ug/L	50.0	108%	61 - 153	9121616	NSL0918-01	12/10/09 09:22
1,2,3-Trichlorobenzene	ND	41.4	B	ug/L	50.0	83%	57 - 155	9121616	NSL0918-01	12/10/09 09:22
1,2,4-Trichlorobenzene	ND	51.9		ug/L	50.0	104%	64 - 147	9121616	NSL0918-01	12/10/09 09:22
1,1,2-Trichloroethane	ND	57.7		ug/L	50.0	115%	74 - 138	9121616	NSL0918-01	12/10/09 09:22
1,1,1-Trichloroethane	ND	71.8		ug/L	50.0	144%	78 - 153	9121616	NSL0918-01	12/10/09 09:22
Trichloroethene	6.88	68.7		ug/L	50.0	124%	74 - 139	9121616	NSL0918-01	12/10/09 09:22
Trichlorofluoromethane	ND	66.4		ug/L	50.0	133%	53 - 149	9121616	NSL0918-01	12/10/09 09:22
1,2,3-Trichloropropane	ND	46.7		ug/L	50.0	93%	49 - 148	9121616	NSL0918-01	12/10/09 09:22
1,3,5-Trimethylbenzene	ND	54.1		ug/L	50.0	108%	67 - 151	9121616	NSL0918-01	12/10/09 09:22
1,2,4-Trimethylbenzene	ND	54.6		ug/L	50.0	109%	69 - 150	9121616	NSL0918-01	12/10/09 09:22
Vinyl chloride	ND	51.9		ug/L	50.0	104%	53 - 137	9121616	NSL0918-01	12/10/09 09:22
o-Xylene	ND	59.1		ug/L	50.0	118%	62 - 167	9121616	NSL0918-01	12/10/09 09:22
m,p-Xylene	ND	119		ug/L	100	119%	69 - 155	9121616	NSL0918-01	12/10/09 09:22
Xylenes, total	ND	178		ug/L	150	118%	68 - 158	9121616	NSL0918-01	12/10/09 09:22
Surrogate: 1,2-Dichloroethane-d4		32.6		ug/L	25.0	130%	63 - 140	9121616	NSL0918-01	12/10/09 09:22
Surrogate: Dibromoformmethane		29.0		ug/L	25.0	116%	73 - 131	9121616	NSL0918-01	12/10/09 09:22
Surrogate: Toluene-d8		23.9		ug/L	25.0	96%	80 - 120	9121616	NSL0918-01	12/10/09 09:22
Surrogate: 4-Bromofluorobenzene		22.9		ug/L	25.0	91%	79 - 125	9121616	NSL0918-01	12/10/09 09:22
9121711-MS1										
Acetone	ND	12700		mg/kg wet	12500	102%	29 - 181	9121711	NSL1079-01	12/14/09 07:24
Benzene	ND	2380		mg/kg wet	2500	95%	42 - 141	9121711	NSL1079-01	12/14/09 07:24

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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										
9121711-MS1										
Bromobenzene	ND	2630		mg/kg wet	2500	105%	19 - 154	9121711	NSL1079-01	12/14/09 07:24
Bromoform	ND	2250		mg/kg wet	2500	90%	41 - 146	9121711	NSL1079-01	12/14/09 07:24
Bromodichloromethane	ND	2460		mg/kg wet	2500	99%	32 - 155	9121711	NSL1079-01	12/14/09 07:24
Bromomethane	ND	2550		mg/kg wet	2500	102%	10 - 155	9121711	NSL1079-01	12/14/09 07:24
2-Butanone	ND	2370		mg/kg wet	2500	95%	10 - 199	9121711	NSL1079-01	12/14/09 07:24
sec-Butylbenzene	ND	12300		mg/kg wet	12500	98%	38 - 161	9121711	NSL1079-01	12/14/09 07:24
n-Butylbenzene	ND	2700		mg/kg wet	2500	108%	10 - 170	9121711	NSL1079-01	12/14/09 07:24
tert-Butylbenzene	ND	2690		mg/kg wet	2500	108%	10 - 183	9121711	NSL1079-01	12/14/09 07:24
Chlorobenzene	ND	2670		mg/kg wet	2500	107%	11 - 165	9121711	NSL1079-01	12/14/09 07:24
Carbon disulfide	ND	2300		mg/kg wet	2500	92%	50 - 136	9121711	NSL1079-01	12/14/09 07:24
Carbon Tetrachloride	ND	2590		mg/kg wet	2500	104%	30 - 159	9121711	NSL1079-01	12/14/09 07:24
Chlorodibromomethane	ND	2300		mg/kg wet	2500	102%	25 - 151	9121711	NSL1079-01	12/14/09 07:24
Chloroethane	ND	2560		mg/kg wet	2500	105%	27 - 150	9121711	NSL1079-01	12/14/09 07:24
Chloroform	ND	2620		mg/kg wet	2500	88%	15 - 197	9121711	NSL1079-01	12/14/09 07:24
Chloroform	ND	2440		mg/kg wet	2500	98%	33 - 148	9121711	NSL1079-01	12/14/09 07:24
Chloromethane	ND	2440		mg/kg wet	2500	73%	10 - 166	9121711	NSL1079-01	12/14/09 07:24
2-Chlorotoluene	ND	2800		mg/kg wet	2500	112%	25 - 166	9121711	NSL1079-01	12/14/09 07:24
4-Chlorotoluene	ND	2720		mg/kg wet	2500	109%	19 - 163	9121711	NSL1079-01	12/14/09 07:24
1,2-Dibromo-3-chloropropane	ND	2630		mg/kg wet	2500	105%	10 - 167	9121711	NSL1079-01	12/14/09 07:24
1,2-Dibromoethane (EDB)	ND	2790		mg/kg wet	2500	112%	30 - 155	9121711	NSL1079-01	12/14/09 07:24
Dibromomethane	ND	2670		mg/kg wet	2500	96%	30 - 149	9121711	NSL1079-01	12/14/09 07:24
1,4-Dichlorobenzene	ND	2610		mg/kg wet	2500	100%	10 - 170	9121711	NSL1079-01	12/14/09 07:24
1,3-Dichlorobenzene	ND	2700		mg/kg wet	2500	108%	10 - 173	9121711	NSL1079-01	12/14/09 07:24
1,2-Dichlorobenzene	ND	2810		mg/kg wet	2500	110%	10 - 168	9121711	NSL1079-01	12/14/09 07:24
Dichlorodifluoromethane	ND	2440		mg/kg wet	2500	50%	10 - 188	9121711	NSL1079-01	12/14/09 07:24
1,1-Dichloroethane	ND	2370		mg/kg wet	2500	95%	51 - 135	9121711	NSL1079-01	12/14/09 07:24
1,2-Dichloroethane	ND	2320		mg/kg wet	2500	93%	32 - 155	9121711	NSL1079-01	12/14/09 07:24
cis-1,2-Dichloroethene	ND	2360		mg/kg wet	2500	112%	32 - 150	9121711	NSL1079-01	12/14/09 07:24
1,1-Dichloroethene	ND	2570		mg/kg wet	2500	103%	46 - 141	9121711	NSL1079-01	12/14/09 07:24
trans-1,2-Dichloroethene	ND	2450		mg/kg wet	2500	98%	41 - 146	9121711	NSL1079-01	12/14/09 07:24
1,3-Dichloropropane	ND	2450		mg/kg wet	2500	46%	35 - 148	9121711	NSL1079-01	12/14/09 07:24
1,2-Dichloropropane	ND	1140		mg/kg wet	2500	89%	34 - 139	9121711	NSL1079-01	12/14/09 07:24
2,2-Dichloropropane	ND	2230		mg/kg wet	2500	101%	29 - 152	9121711	NSL1079-01	12/14/09 07:24
cis-1,3-Dichloropropene	ND	2510		mg/kg wet	2500	111%	23 - 152	9121711	NSL1079-01	12/14/09 07:24
trans-1,3-Dichloropropene	ND	2780		mg/kg wet	2500	95%	24 - 151	9121711	NSL1079-01	12/14/09 07:24
1,1-Dichloropropene	ND	2380		mg/kg wet	2500	101%	40 - 151	9121711	NSL1079-01	12/14/09 07:24
Ethylbenzene	ND	2530		mg/kg wet	2500	115%	21 - 165	9121711	NSL1079-01	12/14/09 07:24

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 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										
9121711-MS1										
Hexachlorobutadiene	ND	4020		mg/kg wet	2500	161%	10 - 173	9121711	NSL1079-01	12/14/09 07:24
2-Hexanone	ND	8190		mg/kg wet	12500	66%	13 - 174	9121711	NSL1079-01	12/14/09 07:24
Isopropylbenzene	ND	2660		mg/kg wet	2500	106%	20 - 139	9121711	NSL1079-01	12/14/09 07:24
p-Isopropyltoluene	ND	2570		mg/kg wet	2500	103%	10 - 164	9121711	NSL1079-01	12/14/09 07:24
Methyl tert-Butyl Ether	ND	2400		mg/kg wet	2500	96%	34 - 154	9121711	NSL1079-01	12/14/09 07:24
Methylene Chloride	ND	2340		mg/kg wet	2500	94%	36 - 163	9121711	NSL1079-01	12/14/09 07:24
4-Methyl-2-pentanone	ND	13700		mg/kg wet	12500	110%	19 - 176	9121711	NSL1079-01	12/14/09 07:24
Naphthalene	ND	3400		mg/kg wet	2500	136%	10 - 160	9121711	NSL1079-01	12/14/09 07:24
n-Propylbenzene	ND	2870		mg/kg wet	2500	115%	16 - 174	9121711	NSL1079-01	12/14/09 07:24
Styrene	ND	2560		mg/kg wet	2500	102%	10 - 177	9121711	NSL1079-01	12/14/09 07:24
1,1,1,2-Tetrachloroethane	ND	2780		mg/kg wet	2500	111%	31 - 150	9121711	NSL1079-01	12/14/09 07:24
1,1,2,2-Tetrachloroethane	ND	2590		mg/kg wet	2500	104%	27 - 163	9121711	NSL1079-01	12/14/09 07:24
Toluene	ND	2680		mg/kg wet	2500	107%	45 - 145	9121711	NSL1079-01	12/14/09 07:24
1,2,3-Trichlorobenzene	ND	3740		mg/kg wet	2500	150%	10 - 182	9121711	NSL1079-01	12/14/09 07:24
1,2,4-Trichlorobenzene	930	4430		mg/kg wet	2500	140%	10 - 175	9121711	NSL1079-01	12/14/09 07:24
1,1,2-Trichloroethane	ND	2630		mg/kg wet	2500	105%	43 - 145	9121711	NSL1079-01	12/14/09 07:24
1,1,1-Trichloroethane	ND	2530		mg/kg wet	2500	101%	39 - 148	9121711	NSL1079-01	12/14/09 07:24
Trichlorofluoromethane	ND	2130		mg/kg wet	2500	85%	25 - 174	9121711	NSL1079-01	12/14/09 07:24
1,2,3-Trichloropropane	ND	2440		mg/kg wet	2500	98%	10 - 152	9121711	NSL1079-01	12/14/09 07:24
1,3,5-Trimethylbenzene	ND	2570		mg/kg wet	2500	103%	38 - 148	9121711	NSL1079-01	12/14/09 07:24
1,2,4-Trimethylbenzene	ND	2610		mg/kg wet	2500	105%	22 - 164	9121711	NSL1079-01	12/14/09 07:24
Vinyl chloride	ND	2090		mg/kg wet	2500	83%	32 - 163	9121711	NSL1079-01	12/14/09 07:24
Xylenes, total	113	8390		mg/kg wet	7500	110%	31 - 159	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: 1,2-Dichloroethane-d4</i>		25.4		ug/kg	25.0	102%	67 - 138	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: Dibromofluoromethane</i>		25.4		ug/kg	25.0	102%	75 - 125	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: Toluene-d8</i>		28.2		ug/kg	25.0	113%	76 - 129	9121711	NSL1079-01	12/14/09 07:24
<i>Surrogate: 4-Bromofluorobenzene</i>		26.6		ug/kg	25.0	106%	67 - 147	9121711	NSL1079-01	12/14/09 07:24
9122234-MS1										
Acetone	69.6	404		ug/kg	250	134%	29 - 181	9122234	NSL1340-04	12/12/09 23:44
Benzene	0.338	52.7		ug/kg	50.0	105%	42 - 141	9122234	NSL1340-04	12/12/09 23:44
Bromobenzene	ND	48.8		ug/kg	50.0	98%	19 - 154	9122234	NSL1340-04	12/12/09 23:44
Bromochloromethane	ND	56.7		ug/kg	50.0	113%	41 - 146	9122234	NSL1340-04	12/12/09 23:44
Bromodichloromethane	ND	51.0		ug/kg	50.0	102%	32 - 155	9122234	NSL1340-04	12/12/09 23:44
Bromoform	ND	43.1		ug/kg	50.0	86%	10 - 155	9122234	NSL1340-04	12/12/09 23:44
Bromomethane	0.687	62.0		ug/kg	50.0	123%	10 - 199	9122234	NSL1340-04	12/12/09 23:44
2-Butanone	7.87	308		ug/kg	250	120%	38 - 161	9122234	NSL1340-04	12/12/09 23:44

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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										
9122234-MS1										
sec-Butylbenzene	ND	53.2		ug/kg	50.0	106%	10 - 170	9122234	NSL1340-04	12/12/09 23:44
n-Butylbenzene	ND	45.9		ug/kg	50.0	92%	10 - 183	9122234	NSL1340-04	12/12/09 23:44
tert-Butylbenzene	ND	48.7		ug/kg	50.0	97%	11 - 165	9122234	NSL1340-04	12/12/09 23:44
Carbon disulfide	ND	58.0		ug/kg	50.0	116%	50 - 136	9122234	NSL1340-04	12/12/09 23:44
Carbon Tetrachloride	ND	55.1		ug/kg	50.0	110%	30 - 159	9122234	NSL1340-04	12/12/09 23:44
Chlorobenzene	ND	52.8		ug/kg	50.0	106%	25 - 151	9122234	NSL1340-04	12/12/09 23:44
Chlorodibromomethane	ND	54.1		ug/kg	50.0	108%	27 - 150	9122234	NSL1340-04	12/12/09 23:44
Chloroethane	ND	52.1		ug/kg	50.0	104%	15 - 197	9122234	NSL1340-04	12/12/09 23:44
Chloroform	5.93	59.4	B	ug/kg	50.0	107%	33 - 148	9122234	NSL1340-04	12/12/09 23:44
Chloromethane	ND	47.0		ug/kg	50.0	94%	10 - 166	9122234	NSL1340-04	12/12/09 23:44
2-Chlorotoluene	ND	52.1		ug/kg	50.0	104%	25 - 166	9122234	NSL1340-04	12/12/09 23:44
4-Chlorotoluene	ND	48.8		ug/kg	50.0	98%	19 - 163	9122234	NSL1340-04	12/12/09 23:44
1,2-Dibromo-3-chloropropane	ND	43.1		ug/kg	50.0	86%	10 - 167	9122234	NSL1340-04	12/12/09 23:44
1,2-Dibromoethane (EDB)	ND	58.8		ug/kg	50.0	118%	30 - 155	9122234	NSL1340-04	12/12/09 23:44
Dibromomethane	ND	56.5		ug/kg	50.0	113%	30 - 149	9122234	NSL1340-04	12/12/09 23:44
1,4-Dichlorobenzene	ND	41.7		ug/kg	50.0	83%	10 - 170	9122234	NSL1340-04	12/12/09 23:44
1,3-Dichlorobenzene	ND	44.5		ug/kg	50.0	89%	10 - 173	9122234	NSL1340-04	12/12/09 23:44
1,2-Dichlorobenzene	ND	42.2		ug/kg	50.0	84%	10 - 168	9122234	NSL1340-04	12/12/09 23:44
Dichlorodifluoromethane	ND	48.4		ug/kg	50.0	97%	10 - 188	9122234	NSL1340-04	12/12/09 23:44
1,1-Dichloroethane	ND	53.8		ug/kg	50.0	108%	51 - 135	9122234	NSL1340-04	12/12/09 23:44
1,2-Dichloroethane	ND	55.1		ug/kg	50.0	110%	32 - 155	9122234	NSL1340-04	12/12/09 23:44
cis-1,2-Dichloroethene	ND	54.0		ug/kg	50.0	108%	32 - 150	9122234	NSL1340-04	12/12/09 23:44
1,1-Dichloroethene	ND	43.5		ug/kg	50.0	87%	46 - 141	9122234	NSL1340-04	12/12/09 23:44
trans-1,2-Dichloroethene	ND	53.2		ug/kg	50.0	106%	41 - 146	9122234	NSL1340-04	12/12/09 23:44
1,3-Dichloropropane	ND	56.4		ug/kg	50.0	113%	35 - 148	9122234	NSL1340-04	12/12/09 23:44
1,2-Dichloropropane	ND	51.6		ug/kg	50.0	103%	34 - 139	9122234	NSL1340-04	12/12/09 23:44
2,2-Dichloropropane	ND	54.8		ug/kg	50.0	110%	29 - 152	9122234	NSL1340-04	12/12/09 23:44
cis-1,3-Dichloropropene	ND	52.2		ug/kg	50.0	104%	23 - 152	9122234	NSL1340-04	12/12/09 23:44
trans-1,3-Dichloropropene	ND	52.1		ug/kg	50.0	104%	24 - 151	9122234	NSL1340-04	12/12/09 23:44
1,1-Dichloropropene	ND	46.9		ug/kg	50.0	94%	40 - 151	9122234	NSL1340-04	12/12/09 23:44
Ethylbenzene	ND	56.4		ug/kg	50.0	113%	21 - 165	9122234	NSL1340-04	12/12/09 23:44
Hexachlorobutadiene	ND	39.8		ug/kg	50.0	80%	10 - 173	9122234	NSL1340-04	12/12/09 23:44
2-Hexanone	ND	283		ug/kg	250	113%	13 - 174	9122234	NSL1340-04	12/12/09 23:44
Isopropylbenzene	ND	50.1		ug/kg	50.0	100%	20 - 139	9122234	NSL1340-04	12/12/09 23:44
p-Isopropyltoluene	ND	38.0		ug/kg	50.0	76%	10 - 164	9122234	NSL1340-04	12/12/09 23:44
Methyl tert-Butyl Ether	ND	53.6		ug/kg	50.0	107%	34 - 154	9122234	NSL1340-04	12/12/09 23:44
Methylene Chloride	2.72	62.4		ug/kg	50.0	119%	36 - 163	9122234	NSL1340-04	12/12/09 23:44

Client	Emerald, Inc. (8583)	Work Order:	NSL0906
	P. O. Box 3050	Project Name:	SAP-3
	Sumter, SC 29151	Project Number:	[none]
Attn	Robbin Brown	Received:	12/08/09 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										
9122234-MS1										
4-Methyl-2-pentanone	ND	282		ug/kg	250	113%	19 - 176	9122234	NSL1340-04	12/12/09 23:44
Naphthalene	ND	17.6		ug/kg	50.0	35%	10 - 160	9122234	NSL1340-04	12/12/09 23:44
n-Propylbenzene	ND	50.2		ug/kg	50.0	100%	16 - 174	9122234	NSL1340-04	12/12/09 23:44
Styrene	ND	2.44	M8	ug/kg	50.0	5%	10 - 177	9122234	NSL1340-04	12/12/09 23:44
1,1,1,2-Tetrachloroethane	ND	57.1		ug/kg	50.0	114%	31 - 150	9122234	NSL1340-04	12/12/09 23:44
1,1,2,2-Tetrachloroethane	ND	51.4		ug/kg	50.0	103%	27 - 163	9122234	NSL1340-04	12/12/09 23:44
Tetrachloroethene	0.793	58.2		ug/kg	50.0	115%	33 - 155	9122234	NSL1340-04	12/12/09 23:44
Toluene	0.464	51.6		ug/kg	50.0	102%	45 - 145	9122234	NSL1340-04	12/12/09 23:44
1,2,3-Trichlorobenzene	ND	26.4		ug/kg	50.0	53%	10 - 182	9122234	NSL1340-04	12/12/09 23:44
1,2,4-Trichlorobenzene	ND	28.7		ug/kg	50.0	57%	10 - 175	9122234	NSL1340-04	12/12/09 23:44
1,1,2-Trichloroethane	ND	60.1		ug/kg	50.0	120%	43 - 145	9122234	NSL1340-04	12/12/09 23:44
1,1,1-Trichloroethane	0.513	55.8		ug/kg	50.0	110%	39 - 148	9122234	NSL1340-04	12/12/09 23:44
Trichloroethene	ND	51.7		ug/kg	50.0	103%	39 - 150	9122234	NSL1340-04	12/12/09 23:44
Trichlorofluoromethane	ND	51.2		ug/kg	50.0	102%	25 - 174	9122234	NSL1340-04	12/12/09 23:44
1,2,3-Trichloropropane	ND	47.1		ug/kg	50.0	94%	10 - 152	9122234	NSL1340-04	12/12/09 23:44
1,3,5-Trimethylbenzene	ND	48.1		ug/kg	50.0	96%	38 - 148	9122234	NSL1340-04	12/12/09 23:44
1,2,4-Trimethylbenzene	ND	40.9		ug/kg	50.0	82%	22 - 164	9122234	NSL1340-04	12/12/09 23:44
Vinyl chloride	ND	43.4		ug/kg	50.0	87%	32 - 163	9122234	NSL1340-04	12/12/09 23:44
Xylenes, total	0.261	174		ug/kg	150	115%	31 - 159	9122234	NSL1340-04	12/12/09 23:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		52.6		ug/kg	50.0	105%	67 - 138	9122234	NSL1340-04	12/12/09 23:44
<i>Surrogate: Dibromofluoromethane</i>		52.8		ug/kg	50.0	106%	75 - 125	9122234	NSL1340-04	12/12/09 23:44
<i>Surrogate: Toluene-d8</i>		51.0		ug/kg	50.0	102%	76 - 129	9122234	NSL1340-04	12/12/09 23:44
<i>Surrogate: 4-Bromofluorobenzene</i>		48.7		ug/kg	50.0	97%	67 - 147	9122234	NSL1340-04	12/12/09 23:44

Extractable Petroleum Hydrocarbons

9121727-MS1

Diesel	ND	42.6		mg/kg dry	46.0	93%	10 - 154	9121727	NSL1053-01	12/15/09 03:01
<i>Surrogate: o-Terphenyl</i>		0.890		mg/kg dry	0.919	97%	29 - 141	9121727	NSL1053-01	12/15/09 03:01

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 08:00

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
Volatile Organic Compounds by EPA Method 8260B												
9121616-MSD1												
Acetone	ND	298		ug/L	250	119%	56 - 150	9	31	9121616	NSL0918-01	12/10/09 09:49
Benzene	ND	59.3		ug/L	50.0	119%	65 - 151	6	12	9121616	NSL0918-01	12/10/09 09:49
Bromobenzene	ND	51.6		ug/L	50.0	103%	69 - 142	5	23	9121616	NSL0918-01	12/10/09 09:49
Bromoform	ND	62.7		ug/L	50.0	125%	64 - 154	4	32	9121616	NSL0918-01	12/10/09 09:49
Bromochloromethane	ND	70.5	M7	ug/L	50.0	141%	75 - 138	5	13	9121616	NSL0918-01	12/10/09 09:49
Bromodichloromethane	ND	61.5		ug/L	50.0	123%	55 - 153	6	18	9121616	NSL0918-01	12/10/09 09:49
Bromomethane	ND	64.3		ug/L	50.0	129%	13 - 176	15	50	9121616	NSL0918-01	12/10/09 09:49
2-Butanone	ND	325		ug/L	250	130%	45 - 164	10	37	9121616	NSL0918-01	12/10/09 09:49
sec-Butylbenzene	ND	58.1		ug/L	50.0	116%	68 - 159	5	21	9121616	NSL0918-01	12/10/09 09:49
n-Butylbenzene	ND	59.8		ug/L	50.0	120%	67 - 151	4	11	9121616	NSL0918-01	12/10/09 09:49
tert-Butylbenzene	ND	57.4		ug/L	50.0	115%	73 - 153	4	20	9121616	NSL0918-01	12/10/09 09:49
Carbon disulfide	2.47	66.8		ug/L	50.0	129%	33 - 187	7	28	9121616	NSL0918-01	12/10/09 09:49
Carbon Tetrachloride	ND	82.8	M7	ug/L	50.0	166%	64 - 157	4	26	9121616	NSL0918-01	12/10/09 09:49
Chlorobenzene	ND	57.5		ug/L	50.0	115%	78 - 136	4	11	9121616	NSL0918-01	12/10/09 09:49
Chlorodibromomethane	ND	62.4		ug/L	50.0	125%	64 - 145	4	16	9121616	NSL0918-01	12/10/09 09:49
Chloroethane	ND	57.4		ug/L	50.0	115%	48 - 159	7	35	9121616	NSL0918-01	12/10/09 09:49
Chloroform	ND	73.9	M7	ug/L	50.0	148%	72 - 145	5	32	9121616	NSL0918-01	12/10/09 09:49
Chloromethane	ND	56.2		ug/L	50.0	112%	10 - 194	10	34	9121616	NSL0918-01	12/10/09 09:49
2-Chlorotoluene	ND	53.2		ug/L	50.0	106%	66 - 155	4	22	9121616	NSL0918-01	12/10/09 09:49
4-Chlorotoluene	ND	54.5		ug/L	50.0	109%	69 - 149	4	22	9121616	NSL0918-01	12/10/09 09:49
1,2-Dibromo-3-chloropropane	ND	53.5		ug/L	50.0	107%	49 - 162	21	21	9121616	NSL0918-01	12/10/09 09:49
1,2-Dibromoethane (EDB)	ND	63.1		ug/L	50.0	126%	70 - 152	6	10	9121616	NSL0918-01	12/10/09 09:49
Dibromomethane	ND	69.2		ug/L	50.0	138%	75 - 141	3	11	9121616	NSL0918-01	12/10/09 09:49
1,4-Dichlorobenzene	ND	53.3		ug/L	50.0	107%	75 - 135	5	10	9121616	NSL0918-01	12/10/09 09:49
1,3-Dichlorobenzene	ND	52.9		ug/L	50.0	106%	72 - 146	5	18	9121616	NSL0918-01	12/10/09 09:49
1,2-Dichlorobenzene	ND	55.1		ug/L	50.0	110%	80 - 136	6	11	9121616	NSL0918-01	12/10/09 09:49
Dichlorodifluoromethane	ND	47.9		ug/L	50.0	96%	23 - 159	6	32	9121616	NSL0918-01	12/10/09 09:49
1,1-Dichloroethane	ND	64.8		ug/L	50.0	130%	64 - 154	6	34	9121616	NSL0918-01	12/10/09 09:49
1,2-Dichloroethane	ND	80.0	M7	ug/L	50.0	160%	72 - 137	2	25	9121616	NSL0918-01	12/10/09 09:49
cis-1,2-Dichloroethene	ND	69.8		ug/L	50.0	140%	57 - 154	5	32	9121616	NSL0918-01	12/10/09 09:49
1,1-Dichloroethene	ND	66.9		ug/L	50.0	134%	34 - 151	10	31	9121616	NSL0918-01	12/10/09 09:49
trans-1,2-Dichloroethene	ND	69.3		ug/L	50.0	139%	57 - 157	7	32	9121616	NSL0918-01	12/10/09 09:49
1,3-Dichloropropane	ND	61.1		ug/L	50.0	122%	71 - 137	6	20	9121616	NSL0918-01	12/10/09 09:49
1,2-Dichloropropane	ND	56.6		ug/L	50.0	113%	71 - 139	6	11	9121616	NSL0918-01	12/10/09 09:49
2,2-Dichloropropane	ND	79.7		ug/L	50.0	159%	10 - 198	5	11	9121616	NSL0918-01	12/10/09 09:49
cis-1,3-Dichloropropene	ND	60.6		ug/L	50.0	121%	56 - 156	7	35	9121616	NSL0918-01	12/10/09 09:49
trans-1,3-Dichloropropene	ND	64.9		ug/L	50.0	130%	47 - 157	6	26	9121616	NSL0918-01	12/10/09 09:49
1,1-Dichloropropene	ND	68.7		ug/L	50.0	137%	70 - 155	5	18	9121616	NSL0918-01	12/10/09 09:49
Ethylbenzene	ND	61.6		ug/L	50.0	123%	68 - 157	5	12	9121616	NSL0918-01	12/10/09 09:49
Hexachlorobutadiene	ND	69.5	B	ug/L	50.0	139%	47 - 173	15	21	9121616	NSL0918-01	12/10/09 09:49
2-Hexanone	ND	337		ug/L	250	135%	57 - 154	8	20	9121616	NSL0918-01	12/10/09 09:49

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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												
9121616-MSD1												
Isopropylbenzene	ND	64.4		ug/L	50.0	129%	69 - 139	4	15	9121616	NSL0918-01	12/10/09 09:49
p-Isopropyltoluene	ND	57.6		ug/L	50.0	115%	69 - 151	5	18	9121616	NSL0918-01	12/10/09 09:49
Methyl tert-Butyl Ether	ND	60.3		ug/L	50.0	121%	56 - 152	11	32	9121616	NSL0918-01	12/10/09 09:49
Methylene Chloride	ND	63.4		ug/L	50.0	127%	71 - 136	7	36	9121616	NSL0918-01	12/10/09 09:49
4-Methyl-2-pentanone	ND	315		ug/L	250	126%	62 - 159	7	35	9121616	NSL0918-01	12/10/09 09:49
Naphthalene	ND	65.6	R2	ug/L	50.0	131%	56 - 161	57	30	9121616	NSL0918-01	12/10/09 09:49
n-Propylbenzene	ND	54.6		ug/L	50.0	109%	61 - 167	4	23	9121616	NSL0918-01	12/10/09 09:49
Styrene	ND	61.3		ug/L	50.0	123%	69 - 150	3	29	9121616	NSL0918-01	12/10/09 09:49
1,1,1,2-Tetrachloroethane	ND	68.3		ug/L	50.0	137%	80 - 140	4	11	9121616	NSL0918-01	12/10/09 09:49
1,1,2,2-Tetrachloroethane	ND	52.0		ug/L	50.0	104%	76 - 141	7	28	9121616	NSL0918-01	12/10/09 09:49
Tetrachloroethene	3.00	67.0		ug/L	50.0	128%	63 - 155	6	16	9121616	NSL0918-01	12/10/09 09:49
Toluene	ND	57.6		ug/L	50.0	115%	61 - 153	6	35	9121616	NSL0918-01	12/10/09 09:49
1,2,3-Trichlorobenzene	ND	82.6	R2, M7,	ug/L	50.0	165%	57 - 155	66	28	9121616	NSL0918-01	12/10/09 09:49
1,2,4-Trichlorobenzene	ND	72.7	R2	ug/L	50.0	145%	64 - 147	33	23	9121616	NSL0918-01	12/10/09 09:49
1,1,2-Trichloroethane	ND	58.6		ug/L	50.0	117%	74 - 138	2	21	9121616	NSL0918-01	12/10/09 09:49
1,1,1-Trichloroethane	ND	75.9		ug/L	50.0	152%	78 - 153	6	29	9121616	NSL0918-01	12/10/09 09:49
Trichloroethene	6.88	72.6		ug/L	50.0	131%	74 - 139	6	11	9121616	NSL0918-01	12/10/09 09:49
Trichlorofluoromethane	ND	70.0		ug/L	50.0	140%	53 - 149	5	33	9121616	NSL0918-01	12/10/09 09:49
1,2,3-Trichloropropane	ND	49.7		ug/L	50.0	99%	49 - 148	6	25	9121616	NSL0918-01	12/10/09 09:49
1,3,5-Trimethylbenzene	ND	56.5		ug/L	50.0	113%	67 - 151	4	21	9121616	NSL0918-01	12/10/09 09:49
1,2,4-Trimethylbenzene	ND	56.7		ug/L	50.0	113%	69 - 150	4	20	9121616	NSL0918-01	12/10/09 09:49
Vinyl chloride	ND	57.3		ug/L	50.0	115%	53 - 137	10	32	9121616	NSL0918-01	12/10/09 09:49
o-Xylene	ND	61.5		ug/L	50.0	123%	62 - 167	4	27	9121616	NSL0918-01	12/10/09 09:49
m,p-Xylene	ND	124		ug/L	100	124%	69 - 155	5	16	9121616	NSL0918-01	12/10/09 09:49
Xylenes, total	ND	186		ug/L	150	124%	68 - 158	4	18	9121616	NSL0918-01	12/10/09 09:49
Surrogate: 1,2-Dichloroethane-d4		32.6		ug/L	25.0	131%	63 - 140			9121616	NSL0918-01	12/10/09 09:49
Surrogate: Dibromofluoromethane		28.9		ug/L	25.0	115%	73 - 131			9121616	NSL0918-01	12/10/09 09:49
Surrogate: Toluene-d8		24.1		ug/L	25.0	96%	80 - 120			9121616	NSL0918-01	12/10/09 09:49
Surrogate: 4-Bromofluorobenzene		23.1		ug/L	25.0	92%	79 - 125			9121616	NSL0918-01	12/10/09 09:49
9121711-MSD1												
Acetone	ND	12700		mg/kg wet	12500	102%	29 - 181	0.3	50	9121711	NSL1079-01	12/14/09 07:52
Benzene	ND	2410		mg/kg wet	2500	97%	42 - 141	2	50	9121711	NSL1079-01	12/14/09 07:52
Bromobenzene	ND	2720		mg/kg wet	2500	109%	19 - 154	3	50	9121711	NSL1079-01	12/14/09 07:52
Bromo(chloromethane	ND	2320		mg/kg wet	2500	93%	41 - 146	3	50	9121711	NSL1079-01	12/14/09 07:52
Bromodichloromethane	ND	2490		mg/kg wet	2500	100%	32 - 155	1	50	9121711	NSL1079-01	12/14/09 07:52
Bromoform	ND	2590		mg/kg wet	2500	104%	10 - 155	1	43	9121711	NSL1079-01	12/14/09 07:52
Bromomethane	ND	2400		mg/kg wet	2500	96%	10 - 199	1	46	9121711	NSL1079-01	12/14/09 07:52
2-Butanone	ND	12700		mg/kg wet	12500	101%	38 - 161	3	50	9121711	NSL1079-01	12/14/09 07:52
sec-Butylbenzene	ND	2790		mg/kg wet	2500	111%	10 - 170	3	50	9121711	NSL1079-01	12/14/09 07:52
n-Butylbenzene	ND	2790		mg/kg wet	2500	112%	10 - 183	4	50	9121711	NSL1079-01	12/14/09 07:52

Client Emerald, Inc. (8583)
 P. O. Box 3050
 Sumter, SC 29151
 Attn Robbin Brown

Work Order: NSL0906
 Project Name: SAP-3
 Project Number: [none]
 Received: 12/08/09 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												
9121711-MSD1												
tert-Butylbenzene	ND	2740		mg/kg wet	2500	110%	11 - 165	3	50	9121711	NSL1079-01	12/14/09 07:52
Carbon disulfide	ND	2370		mg/kg wet	2500	95%	50 - 136	3	48	9121711	NSL1079-01	12/14/09 07:52
Carbon Tetrachloride	ND	2580		mg/kg wet	2500	103%	30 - 159	0.3	44	9121711	NSL1079-01	12/14/09 07:52
Chlorobenzene	ND	2580		mg/kg wet	2500	103%	25 - 151	1	50	9121711	NSL1079-01	12/14/09 07:52
Chlorodibromomethane	ND	2640		mg/kg wet	2500	106%	27 - 150	0.7	48	9121711	NSL1079-01	12/14/09 07:52
Chloroethane	ND	2270		mg/kg wet	2500	91%	15 - 197	3	50	9121711	NSL1079-01	12/14/09 07:52
Chloroform	ND	2470		mg/kg wet	2500	99%	33 - 148	1	50	9121711	NSL1079-01	12/14/09 07:52
Chloromethane	ND	1800		mg/kg wet	2500	72%	10 - 166	2	44	9121711	NSL1079-01	12/14/09 07:52
2-Chlorotoluene	ND	2880		mg/kg wet	2500	115%	25 - 166	3	50	9121711	NSL1079-01	12/14/09 07:52
4-Chlorotoluene	ND	2810		mg/kg wet	2500	113%	19 - 163	3	50	9121711	NSL1079-01	12/14/09 07:52
1,2-Dibromo-3-chloropropane	ND	2730		mg/kg wet	2500	109%	10 - 167	4	45	9121711	NSL1079-01	12/14/09 07:52
1,2-Dibromoethane (EDB)	ND	2850		mg/kg wet	2500	114%	30 - 155	2	45	9121711	NSL1079-01	12/14/09 07:52
Dibromomethane	ND	2460		mg/kg wet	2500	99%	30 - 149	2	50	9121711	NSL1079-01	12/14/09 07:52
1,4-Dichlorobenzene	122	2690		mg/kg wet	2500	103%	10 - 170	3	50	9121711	NSL1079-01	12/14/09 07:52
1,3-Dichlorobenzene	ND	2800		mg/kg wet	2500	112%	10 - 173	4	50	9121711	NSL1079-01	12/14/09 07:52
1,2-Dichlorobenzene	52.5	2910		mg/kg wet	2500	114%	10 - 168	4	50	9121711	NSL1079-01	12/14/09 07:52
Dichlorodifluoromethane	ND	1220		mg/kg wet	2500	49%	10 - 188	2	50	9121711	NSL1079-01	12/14/09 07:52
1,1-Dichloroethane	ND	2440		mg/kg wet	2500	97%	51 - 135	3	50	9121711	NSL1079-01	12/14/09 07:52
1,2-Dichloroethane	ND	2350		mg/kg wet	2500	94%	32 - 155	1	50	9121711	NSL1079-01	12/14/09 07:52
cis-1,2-Dichloroethene	548	3420		mg/kg wet	2500	115%	32 - 150	2	50	9121711	NSL1079-01	12/14/09 07:52
1,1-Dichloroethene	ND	2610		mg/kg wet	2500	105%	46 - 141	2	50	9121711	NSL1079-01	12/14/09 07:52
trans-1,2-Dichloroethene	ND	2490		mg/kg wet	2500	100%	41 - 146	2	40	9121711	NSL1079-01	12/14/09 07:52
1,3-Dichloropropane	ND	1120		mg/kg wet	2500	45%	35 - 148	2	42	9121711	NSL1079-01	12/14/09 07:52
1,2-Dichloropropene	ND	2280		mg/kg wet	2500	91%	34 - 139	2	50	9121711	NSL1079-01	12/14/09 07:52
2,2-Dichloropropene	ND	2460		mg/kg wet	2500	98%	29 - 152	2	39	9121711	NSL1079-01	12/14/09 07:52
cis-1,3-Dichloropropene	ND	2860		mg/kg wet	2500	114%	23 - 152	3	50	9121711	NSL1079-01	12/14/09 07:52
trans-1,3-Dichloropropene	ND	2410		mg/kg wet	2500	96%	24 - 151	1	48	9121711	NSL1079-01	12/14/09 07:52
1,1-Dichloropropene	ND	2560		mg/kg wet	2500	103%	40 - 151	1	50	9121711	NSL1079-01	12/14/09 07:52
Ethylbenzene	ND	2880		mg/kg wet	2500	115%	21 - 165	0.3	50	9121711	NSL1079-01	12/14/09 07:52
Hexachlorobutadiene	ND	4190		mg/kg wet	2500	168%	10 - 173	4	50	9121711	NSL1079-01	12/14/09 07:52
2-Hexanone	ND	10900		mg/kg wet	12500	87%	13 - 174	28	50	9121711	NSL1079-01	12/14/09 07:52
Isopropylbenzene	ND	2670		mg/kg wet	2500	107%	20 - 139	0.2	50	9121711	NSL1079-01	12/14/09 07:52
p-Isopropyltoluene	ND	2680		mg/kg wet	2500	107%	10 - 164	4	50	9121711	NSL1079-01	12/14/09 07:52
Methyl tert-Butyl Ether	ND	2530		mg/kg wet	2500	101%	34 - 154	5	50	9121711	NSL1079-01	12/14/09 07:52
Methylene Chloride	ND	2430		mg/kg wet	2500	97%	36 - 163	4	50	9121711	NSL1079-01	12/14/09 07:52
4-Methyl-2-pentanone	ND	14200		mg/kg wet	12500	114%	19 - 176	4	45	9121711	NSL1079-01	12/14/09 07:52
Naphthalene	ND	3390		mg/kg wet	2500	136%	10 - 160	0.1	50	9121711	NSL1079-01	12/14/09 07:52
n-Propylbenzene	ND	2950		mg/kg wet	2500	118%	16 - 174	3	50	9121711	NSL1079-01	12/14/09 07:52
Styrene	ND	2590		mg/kg wet	2500	104%	10 - 177	1	50	9121711	NSL1079-01	12/14/09 07:52
1,1,1,2-Tetrachloroethane	ND	2840		mg/kg wet	2500	113%	31 - 150	2	50	9121711	NSL1079-01	12/14/09 07:52
1,1,2,2-Tetrachloroethane	ND	2720		mg/kg wet	2500	109%	27 - 163	5	45	9121711	NSL1079-01	12/14/09 07:52

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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												
9121711-MSD1												
Toluene	ND	2680		mg/kg wet	2500	107%	45 - 145	0.09	50	9121711	NSL1079-01	12/14/09 07:52
1,2,3-Trichlorobenzene	ND	3830		mg/kg wet	2500	153%	10 - 182	2	50	9121711	NSL1079-01	12/14/09 07:52
1,2,4-Trichlorobenzene	930	5100		mg/kg wet	2500	167%	10 - 175	14	50	9121711	NSL1079-01	12/14/09 07:52
1,1,2-Trichloroethane	ND	2710		mg/kg wet	2500	108%	43 - 145	3	50	9121711	NSL1079-01	12/14/09 07:52
1,1,1-Trichloroethane	ND	2530		mg/kg wet	2500	101%	39 - 148	0.2	41	9121711	NSL1079-01	12/14/09 07:52
Trichlorofluoromethane	ND	2140		mg/kg wet	2500	85%	25 - 174	0.4	47	9121711	NSL1079-01	12/14/09 07:52
1,2,3-Trichloropropane	ND	2540		mg/kg wet	2500	102%	10 - 152	4	47	9121711	NSL1079-01	12/14/09 07:52
1,3,5-Trimethylbenzene	ND	2660		mg/kg wet	2500	106%	38 - 148	3	50	9121711	NSL1079-01	12/14/09 07:52
1,2,4-Trimethylbenzene	ND	2700		mg/kg wet	2500	108%	22 - 164	3	50	9121711	NSL1079-01	12/14/09 07:52
Vinyl chloride	ND	2150		mg/kg wet	2500	86%	32 - 163	3	39	9121711	NSL1079-01	12/14/09 07:52
Xylenes, total	113	8410		mg/kg wet	7500	111%	31 - 159	0.2	50	9121711	NSL1079-01	12/14/09 07:52
Surrogate: 1,2-Dichloroethane-d4		25.4		ug/kg	25.0	102%	67 - 138			9121711	NSL1079-01	12/14/09 07:52
Surrogate: Dibromoform		25.9		ug/kg	25.0	104%	75 - 125			9121711	NSL1079-01	12/14/09 07:52
Surrogate: Toluene-d8		27.8		ug/kg	25.0	111%	76 - 129			9121711	NSL1079-01	12/14/09 07:52
Surrogate: 4-Bromofluorobenzene		26.6		ug/kg	25.0	106%	67 - 147			9121711	NSL1079-01	12/14/09 07:52
9122234-MSD1												
Acetone	69.6	34.5	R2, M8	ug/kg	250	-14%	29 - 181	169	50	9122234	NSL1340-04	12/13/09 00:13
Benzene	0.338	48.9		ug/kg	50.0	97%	42 - 141	7	50	9122234	NSL1340-04	12/13/09 00:13
Bromobenzene	ND	48.8		ug/kg	50.0	98%	19 - 154	0.1	50	9122234	NSL1340-04	12/13/09 00:13
Bromoform	ND	48.6		ug/kg	50.0	97%	41 - 146	15	50	9122234	NSL1340-04	12/13/09 00:13
Bromochloromethane	ND	47.6		ug/kg	50.0	95%	32 - 155	7	50	9122234	NSL1340-04	12/13/09 00:13
Bromodichloromethane	ND	42.8		ug/kg	50.0	86%	10 - 155	0.7	43	9122234	NSL1340-04	12/13/09 00:13
Bromomethane	ND	59.5		ug/kg	50.0	118%	10 - 199	4	46	9122234	NSL1340-04	12/13/09 00:13
2-Butanone	7.87	276		ug/kg	250	107%	38 - 161	11	50	9122234	NSL1340-04	12/13/09 00:13
sec-Butylbenzene	ND	55.5		ug/kg	50.0	111%	10 - 170	4	50	9122234	NSL1340-04	12/13/09 00:13
n-Butylbenzene	ND	47.4		ug/kg	50.0	95%	10 - 183	3	50	9122234	NSL1340-04	12/13/09 00:13
tert-Butylbenzene	ND	50.4		ug/kg	50.0	101%	11 - 165	4	50	9122234	NSL1340-04	12/13/09 00:13
Carbon disulfide	ND	54.0		ug/kg	50.0	108%	50 - 136	7	48	9122234	NSL1340-04	12/13/09 00:13
Carbon Tetrachloride	ND	49.3		ug/kg	50.0	99%	30 - 159	11	44	9122234	NSL1340-04	12/13/09 00:13
Chlorobenzene	ND	51.4		ug/kg	50.0	103%	25 - 151	3	50	9122234	NSL1340-04	12/13/09 00:13
Chlorodibromomethane	ND	53.2		ug/kg	50.0	106%	27 - 150	2	48	9122234	NSL1340-04	12/13/09 00:13
Chloroethane	ND	47.3		ug/kg	50.0	95%	15 - 197	10	50	9122234	NSL1340-04	12/13/09 00:13
Chloroform	5.93	54.7	B	ug/kg	50.0	97%	33 - 148	8	50	9122234	NSL1340-04	12/13/09 00:13
Chloromethane	ND	44.9		ug/kg	50.0	90%	10 - 166	4	44	9122234	NSL1340-04	12/13/09 00:13
2-Chlorotoluene	ND	52.9		ug/kg	50.0	106%	25 - 166	1	50	9122234	NSL1340-04	12/13/09 00:13
4-Chlorotoluene	ND	49.2		ug/kg	50.0	98%	19 - 163	0.9	50	9122234	NSL1340-04	12/13/09 00:13
1,2-Dibromo-3-chloropropane	ND	44.4		ug/kg	50.0	89%	10 - 167	3	45	9122234	NSL1340-04	12/13/09 00:13
1,2-Dibromoethane (EDB)	ND	57.4		ug/kg	50.0	115%	30 - 155	2	45	9122234	NSL1340-04	12/13/09 00:13
Dibromomethane	ND	51.5		ug/kg	50.0	103%	30 - 149	9	50	9122234	NSL1340-04	12/13/09 00:13
1,4-Dichlorobenzene	ND	42.2		ug/kg	50.0	84%	10 - 170	1	50	9122234	NSL1340-04	12/13/09 00:13

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 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												
9122234-MSD1												
1,3-Dichlorobenzene	ND	45.1		ug/kg	50.0	90%	10 - 173	1	50	9122234	NSL1340-04	12/13/09 00:13
1,2-Dichlorobenzene	ND	42.9		ug/kg	50.0	86%	10 - 168	2	50	9122234	NSL1340-04	12/13/09 00:13
Dichlorodifluoromethane	ND	42.9		ug/kg	50.0	86%	10 - 188	12	50	9122234	NSL1340-04	12/13/09 00:13
1,1-Dichloroethane	ND	49.3		ug/kg	50.0	99%	51 - 135	9	50	9122234	NSL1340-04	12/13/09 00:13
1,2-Dichloroethane	ND	49.9		ug/kg	50.0	100%	32 - 155	10	50	9122234	NSL1340-04	12/13/09 00:13
cis-1,2-Dichloroethene	ND	49.8		ug/kg	50.0	100%	32 - 150	8	50	9122234	NSL1340-04	12/13/09 00:13
1,1-Dichloroethene	ND	41.8		ug/kg	50.0	84%	46 - 141	4	50	9122234	NSL1340-04	12/13/09 00:13
trans-1,2-Dichloroethene	ND	49.2		ug/kg	50.0	98%	41 - 146	8	40	9122234	NSL1340-04	12/13/09 00:13
1,3-Dichloropropane	ND	54.6		ug/kg	50.0	109%	35 - 148	3	42	9122234	NSL1340-04	12/13/09 00:13
1,2-Dichloropropane	ND	47.8		ug/kg	50.0	96%	34 - 139	8	50	9122234	NSL1340-04	12/13/09 00:13
2,2-Dichloropropane	ND	50.8		ug/kg	50.0	102%	29 - 152	7	39	9122234	NSL1340-04	12/13/09 00:13
cis-1,3-Dichloropropene	ND	50.0		ug/kg	50.0	100%	23 - 152	4	50	9122234	NSL1340-04	12/13/09 00:13
trans-1,3-Dichloropropene	ND	51.6		ug/kg	50.0	103%	24 - 151	1	48	9122234	NSL1340-04	12/13/09 00:13
1,1-Dichloropropene	ND	44.7		ug/kg	50.0	89%	40 - 151	5	50	9122234	NSL1340-04	12/13/09 00:13
Ethylbenzene	ND	56.1		ug/kg	50.0	112%	21 - 165	0.5	50	9122234	NSL1340-04	12/13/09 00:13
Hexachlorobutadiene	ND	41.9		ug/kg	50.0	84%	10 - 173	5	50	9122234	NSL1340-04	12/13/09 00:13
2-Hexanone	ND	278		ug/kg	250	111%	13 - 174	2	50	9122234	NSL1340-04	12/13/09 00:13
Isopropylbenzene	ND	50.5		ug/kg	50.0	101%	20 - 139	0.7	50	9122234	NSL1340-04	12/13/09 00:13
p-Isopropyltoluene	ND	39.7		ug/kg	50.0	79%	10 - 164	4	50	9122234	NSL1340-04	12/13/09 00:13
Methyl tert-Butyl Ether	ND	50.1		ug/kg	50.0	100%	34 - 154	7	50	9122234	NSL1340-04	12/13/09 00:13
Methylene Chloride	2.72	55.9		ug/kg	50.0	106%	36 - 163	11	50	9122234	NSL1340-04	12/13/09 00:13
4-Methyl-2-pentanone	ND	276		ug/kg	250	110%	19 - 176	2	45	9122234	NSL1340-04	12/13/09 00:13
Naphthalene	ND	18.9		ug/kg	50.0	38%	10 - 160	7	50	9122234	NSL1340-04	12/13/09 00:13
n-Propylbenzene	ND	51.7		ug/kg	50.0	103%	16 - 174	3	50	9122234	NSL1340-04	12/13/09 00:13
Styrene	ND	2.44	M8	ug/kg	50.0	5%	10 - 177	0	50	9122234	NSL1340-04	12/13/09 00:13
1,1,1,2-Tetrachloroethane	ND	55.3		ug/kg	50.0	111%	31 - 150	3	50	9122234	NSL1340-04	12/13/09 00:13
1,1,2,2-Tetrachloroethane	ND	52.8		ug/kg	50.0	106%	27 - 163	3	45	9122234	NSL1340-04	12/13/09 00:13
Tetrachloroethene	0.793	57.2		ug/kg	50.0	113%	33 - 155	2	50	9122234	NSL1340-04	12/13/09 00:13
Toluene	0.464	54.5		ug/kg	50.0	108%	45 - 145	5	50	9122234	NSL1340-04	12/13/09 00:13
1,2,3-Trichlorobenzene	ND	27.6		ug/kg	50.0	55%	10 - 182	4	50	9122234	NSL1340-04	12/13/09 00:13
1,2,4-Trichlorobenzene	ND	31.3		ug/kg	50.0	63%	10 - 175	9	50	9122234	NSL1340-04	12/13/09 00:13
1,1,2-Trichloroethane	ND	58.2		ug/kg	50.0	116%	43 - 145	3	50	9122234	NSL1340-04	12/13/09 00:13
1,1,1-Trichloroethane	0.513	50.4		ug/kg	50.0	100%	39 - 148	10	41	9122234	NSL1340-04	12/13/09 00:13
Trichloroethene	ND	47.5		ug/kg	50.0	95%	39 - 150	9	50	9122234	NSL1340-04	12/13/09 00:13
Trichlorofluoromethane	ND	47.1		ug/kg	50.0	94%	25 - 174	8	47	9122234	NSL1340-04	12/13/09 00:13
1,2,3-Trichloropropane	ND	47.6		ug/kg	50.0	95%	10 - 152	1	47	9122234	NSL1340-04	12/13/09 00:13
1,3,5-Trimethylbenzene	ND	49.0		ug/kg	50.0	98%	38 - 148	2	50	9122234	NSL1340-04	12/13/09 00:13
1,2,4-Trimethylbenzene	ND	42.0		ug/kg	50.0	84%	22 - 164	3	50	9122234	NSL1340-04	12/13/09 00:13
Vinyl chloride	ND	41.5		ug/kg	50.0	83%	32 - 163	4	39	9122234	NSL1340-04	12/13/09 00:13
Xylenes, total	0.261	170		ug/kg	150	113%	31 - 159	2	50	9122234	NSL1340-04	12/13/09 00:13
Surrogate: 1,2-Dichloroethane-d4		48.0		ug/kg	50.0	96%	67 - 138			9122234	NSL1340-04	12/13/09 00:13

Client Emerald, Inc. (8583) Work Order: NSL0906
P. O. Box 3050 Project Name: SAP-3
Sumter, SC 29151 Project Number: [none]
Attn Robbin Brown Received: 12/08/09 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
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Volatile Organic Compounds by EPA Method 8260B**9122234-MSD1**

Surrogate: Dibromofluoromethane	47.8			ug/kg	50.0	96%	75 - 125			9122234	NSL1340-04	12/13/09 00:13
Surrogate: Toluene-d8	50.3			ug/kg	50.0	101%	76 - 129			9122234	NSL1340-04	12/13/09 00:13
Surrogate: 4-Bromofluorobenzene	51.4			ug/kg	50.0	103%	67 - 147			9122234	NSL1340-04	12/13/09 00:13

Extractable Petroleum Hydrocarbons**9121727-MSD1**

Diesel	ND	35.8		mg/kg dry	45.4	79%	10 - 154	17	48	9121727	NSL1053-01	12/15/09 03:18
Surrogate: o-Terphenyl		0.826		mg/kg dry	0.908	91%	29 - 141			9121727	NSL1053-01	12/15/09 03:18

Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	South Carolina
SW846 8260B	Soil	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW-846	Soil			
TPH-D/Finger	Soil			

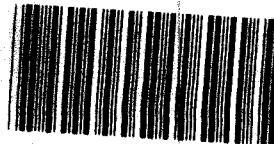
Client Emerald, Inc. (8583)
P. O. Box 3050
Sumter, SC 29151
Attn Robbin Brown

Work Order: NSL0906
Project Name: SAP-3
Project Number: [none]
Received: 12/08/09 08:00

DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- J** Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- M8** The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
- MNR** No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- QP6** The contamination did not match any standards in our library.
- R2** The RPD exceeded the acceptance limit.
- RL1** Reporting limit raised due to sample matrix effects.
- ND** Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



COOLER RECEIPT

NSL0906

Cooler Received/Opened On 12/8/2009 @ 08001. Tracking # 9950 (last 4 digits, FedEx)Courier: FedEx IR Gun ID 974603732. Temperature of rep. sample or temp blank when opened: 11 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 2 (Front)5. Were the seals intact, signed, and dated correctly? I was rubbed off, 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 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...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1I certify that I unloaded the cooler and answered questions 7-14 (initial) 1

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) 1

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) 1I certify that I attached a label with the unique LIMS number to each container (initial) 121. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #

TestAmerica

ANALYTICAL TESTING CORPORATION

NSL0906
12/17/09 23:59

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name Emerald, Inc.

Client #: 1405608

Address: Box 3050
Sumter, SC 29151

City/StateZip Code: Sumter, SC 29151

Project Manager: Ronny Loxley

Telephone Number: 803-773-5454 Fax:

Sampler Name: (Print Name) Da (Ken) Reeves

Sampler Signature: Da (Ken) Reeves

Project Name: SAP-3

Project #: Site/Location ID: Sumter State: SC

Report To: Emerald, Inc.

Invoice To: Sumter PO#:

Quote #:

ANALYZE FOR:

QC Deliverables

None
Level 2
(Batch QC)

Level 3
Level 4

Other:

REMARKS
TPH-DRO (8015)
VOC's (8260)

NSL0906:01

O2

O3

O4

OS

O6

O7

O8

O9

O10

LABORATORY COMMENTS:

Init Lab Temp:

Rec Lab Temp:

RECEIVED DATA:

SAMPLE ID	Date Sampled	Time Sampled	Matrix	Preservation & # of Containers									
				G = Grab, C = Composite	Field Filtered	HNO3	HCl	NaHSO4	H2SO4	Methanol	None	Other (Specify)	TPH-DRO (8015)
B-16-S	12/16/09	1200	G	S	2	X	X	X	X	X	X	X	VOC's (8260)
B-16-GW	12/16/09	1200	GW	3	2	X	X	X	X	X	X	X	
B-17-S	13/10	1	S	2	12	X	X	X	X	X	X	X	
B-17-GW	13/10	1	GW	3	2	X	X	X	X	X	X	X	
B-18-S	13/25	1	S	2	12	X	X	X	X	X	X	X	
B-18-GW	13/25	1	GW	3	2	X	X	X	X	X	X	X	
B-19-S	13/25	1	S	2	12	X	X	X	X	X	X	X	
B-19-GW	14/01	1	GW	3	2	X	X	X	X	X	X	X	
B-20-S	14/01	1	S	2	12	X	X	X	X	X	X	X	
B-20-GW	14/01	1	GW	3	2	X	X	X	X	X	X	X	

Special Instructions:

* TPH - Diesel for Creosote

Relinquished By: <u>Dale R.</u>	Date: <u>12/17/09</u>	Time: <u>1200</u>	Received By: <u>Fred Ex</u>	Date: <u> </u>	Time: <u> </u>	Custody Seals: Y N N/A
Relinquished By: <u> </u>	Date: <u> </u>	Time: <u> </u>	Received By: <u> </u>	Date: <u> </u>	Time: <u> </u>	Bottles Supplied by Test America: Y N
Relinquished By: <u> </u>	Date: <u> </u>	Time: <u> </u>	Received By: <u> </u>	Date: <u>12/09</u>	Time: <u> </u>	Method of Shipment: <u> </u>

APPENDIX C

SCDHEC MONITORING WELL APPROVAL NO. 3745



South Carolina Department of Health
and Environmental Control

Monitoring Well Approval

Approval is hereby granted to:

(on behalf of):

Facility:

Site Identification:

County:

Emerald, Inc.
Bobby Galloway
Sumter County Airport
43-04382
Sumter County

This approval is for the installation of 15 groundwater monitoring wells. The wells are to be installed in the locations as illustrated on the submitted map and per the proposed construction details provided by your correspondence dated 11/30/2009. The wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
5. If any of the information provided to the Department changes, Jonathan McInnis (803 896-4061) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: 11/30/2009

Approval #: 3745

Jonathan G. McInnis, Program Manager
Federal & State Site Assessment
Site Assessment Remediation & Revitalization Division
Bureau of Land & Waste Management

Emerald, Inc.

CONSULTING AND ENGINEERING
SERVICES IN ENVIRONMENTAL AFFAIRS

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E-MAIL:
emeraldinc@ftc-i.net

TELEPHONE (803) 469-5454
FAX (803) 469-5465

April 15, 2010

Jonathan G. McInnis, Program Manager
Federal & State Site Assessment Section
Site Assessment Remediation & Revitalization Division
Bureau of Land & Waste Management
SCDHEC
2600 Bull Street
Columbia, South Carolina 29201

Re: Sumter County Airport
Site ID #43-04382; MWA #3745
Phase II ESA Report

Dear Mr. McInnis:

Please find enclosed one copy of the completed Phase II ESA report for the Sumter County Airport as a condition of the issuance of the temporary monitoring well approval. The Sumter County Attorney, Johnathan W. Bryan, has requested that any correspondence regarding the findings in the report should be sent to him at 13 E. Canal Street in Sumter with a copy to Bobby Galloway, and a copy to Emerald, Inc. If you have any questions regarding the report and its findings, please contact me at either (803) 469-5454 or via email at rllemerald@ftc-i.net.

Thank you for your assistance in this matter.

Yours very truly,
Emerald, Inc.



Ronny L. Lowder
President

RLL/jrb
cc: Johnathan W. Bryan, Esq., Sumter County
Enclsoure

Celebrating 20 Years

1990-2010