

GENERAL ENGINEERING AND ENVIRONMENTAL OF NC, INC.

Meeting Today's Needs with a Vision for Tomorrow

December 22, 2005

Mr. Cyrus F. Parker, L.G.
Project Manager
NCDOT Geotechnical Engineering Unit-GeoEnvironmental Section
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Re: State Project P-3800, WBS Element 32179 Preliminary Site Assessment at Eleven Properties at Charlotte Multi-Modal Rail Station Property (Parcels 1a, 1b, 1c, 1d, 2a, 2b, 2c, 11, 12, 13, 24a)

Dear Cyrus:

In accordance with our notice to proceed issued September 27, 2005 and the supplemental notice to proceed issued in October 24, 2005, General Engineering and Environmental of NC, Inc. (General Engineering) has completed preliminary site assessments at the above referenced sites. The assessments included geophysical investigations as well as soil and groundwater sampling.

Please find enclosed, four copies of each of four preliminary site assessment reports. The sites were assessed in four separate sub-groups based on the fact that many of the sites were contiguous to others and as such there are four separate reports (one for each sub-group). The four separate reports address the sites as follows:

- Sites 1a, 1b, 1c, 1d are addressed in one report.
- Sites 2a, 2b, 2c are addressed in one report.
- Sites 11, 12, 13 are addressed in one report.
- Site 24a is addressed in one report.

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Mr. Cyrus F. Parker
December 22, 2005
Page 2

General Engineering appreciates the opportunity to be of service to NCDOT and we look forward to working with you on future assignments. If you have any questions concerning these reports or need additional information, please call me at (919) 544-1100.

Yours very truly,

General Engineering and Environmental of NC, Inc.
an Affiliate of The GEL Group, Inc.

A handwritten signature in black ink, appearing to read "Robert M. Miller". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Robert M. Miller, P.E.
RTP Office Manager

**GEOPHYSICAL SURVEY AND
PRELIMINARY SITE ASSESSMENT REPORT**

**Multi-Modal Rail Station
Sites 1a, 1b, 1c, and 1d
(Mecklenburg County Parcel
ID Nos. 078-066-02, 078-061-04,
078-061-02, and 078-061-03)
Charlotte, North Carolina
WBS Element # 32179
Mecklenburg County**

Submitted to:

North Carolina Dept. of Transportation
Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Submitted by:

General Engineering and Environmental of NC, Inc.
an Affiliate of The GEL Group, Inc.
Post Office Box 14262
Research Triangle Park, North Carolina 27709

Submittal Date: December 22, 2005

GEOPHYSICAL SURVEY AND PRELIMINARY SITE ASSESSMENT REPORT

**Multi-Modal Rail Station
Sites 1a, 1b, 1c, and 1d
(Mecklenburg County Parcel
ID Nos. 078-066-02, 078-061-04,
078-061-02, and 078-061-03)
Charlotte, North Carolina
WBS Element # 32179
Mecklenburg County**

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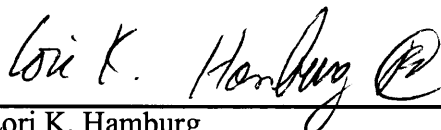
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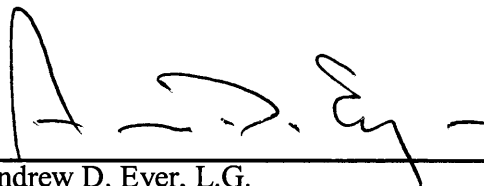
Signature Page

This document, entitled "Geophysical Survey and Preliminary Site Assessment Report," has been prepared for the Multi-Modal Rail Station, Sites 1a, located west of the intersection of West 7th Street and North Smith Street, and sites 1b, 1c, and 1d located north of North Smith Street between West 7th Street and West 8th Street in Charlotte, North Carolina. It has been prepared by General Engineering and Environmental of NC, Inc. in accordance with the Notice to Proceed provided by the North Carolina Department of Transportation-GeoEnvironmental Section, Geotechnical Engineering Unit for the exclusive use of the North Carolina Department of Transportation. It has been prepared in accordance with accepted quality control practices and has been reviewed by the undersigned.

GENERAL ENGINEERING AND ENVIRONMENTAL OF NC INC.
an Affiliate of The GEL Group, Inc.



Lori K. Hamburg
Environmental Scientist II



Andrew D. Eyer, L.G.
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12-22-05

12-22-05

Date

GEOPHYSICAL SURVEY AND PRELIMINARY SITE ASSESSMENT REPORT

**Multi-Modal Rail Station
Sites 1a, 1b, 1c, and 1d
(Mecklenburg County Parcel
ID Nos. 078-066-02, 078-061-04,
078-061-02, and 078-061-03)
Charlotte, North Carolina
WBS Element # 32179
Mecklenburg County**

Executive Summary

The subject site is comprised of four parcels that are located north of Smith Street and between West 7th Street and West 8th Street, and northwest of the intersection of Smith Street and West 7th Street in Charlotte, North Carolina. The primary purpose of this investigation was to determine the presence or absence of impact to soil prior to the future construction of the multi-modal rail station proposed by the North Carolina Department of Transportation (NCDOT).

Currently, the subject site is undeveloped. To determine the presence or absence of constituents of concern in subsurface soil and groundwater within the four parcels, General Engineering and Environmental of NC, Inc. (General Engineering) performed a geophysical evaluation and a preliminary site assessment that included the collection and analysis of soil samples. Underground utilities as well as buried metallic objects (not suspected underground storage tanks) were identified during the geophysical survey.

Soil samples were collected for analysis from borings constructed within the four parcels of land. The soil samples were analyzed by Pace Analytical Services, Inc. for semi-volatile organic compounds (SVOCs) using EPA Method 8270C, volatile organic compounds (VOCs) using EPA Method 8260B, and total chromium and lead using EPA Method 6010B.

Results of soil analysis for the soil samples from constructed soil borings indicate that no SVOCs and VOCs were detected in soil samples collected from 15 on-site soil borings (SB-16 through SB-30 and SB-51 through SB-55), except for methylene chloride, which was most likely a laboratory contaminant. The lead concentrations detected in the samples were below the North Carolina Department of Environment and Natural Resources (NCDENR) Soil to Water Maximum Contaminant Concentration (MSCC) of 270 milligrams per kilogram (mg/kg). Concentrations of total chromium in

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soil samples SB-20, SB-25, SB-26, SB-27, SB-29, SB-30, and SB-53 were above the NCDENR MSCC of 27 mg/kg (ranging from 32 mg/kg to 360 mg/kg) for hexavalent and trivalent chromium; however, the concentrations were below the Environmental Protection Agency (EPA) Region 9 Residential Preliminary Remediation Goal (PRG) of 210 mg/kg for total chromium, except for soil sample SB-53 (360 mg/kg). Therefore, the analytical results are not considered indicative of significant impact from previous site operations. Lead and total chromium concentrations detected in the subsurface soil are most likely typical of background concentrations in this area; however, background samples would need to be collected for further evaluation.

Since the results indicate detected concentrations of Chromium in some soil samples at levels above the NCDENR MSCC, these results should be reported to NCDENR, but it should be noted that in the NCDENR notification that the Chromium is most likely naturally occurring.

Based on the data generated from this investigation, there is no evidence that a significant release(s) of constituents of concern has occurred at the subject site.

GEOPHYSICAL SURVEY AND PRELIMINARY SITE ASSESSMENT REPORT

**Multi-Modal Rail Station
Sites 1a, 1b, 1c, and 1d
(Mecklenburg County Parcel
ID Nos. 078-066-02, 078-061-04,
078-061-02, and
078-061-03)
Charlotte, North Carolina
WBS Element # 32179
Mecklenburg County**

1.0 Introduction

This document presents the details of a geophysical survey and preliminary site assessment performed at the above referenced properties (the subject site). The sites are referenced as Sites 1a, 1b, 1c, and 1d (Mecklenburg County Parcel ID Nos. 078-066-02, 078-061-04, 078-061-02, and 078-061-03). The sites are located west of the intersection of West 7th Street and North Smith Street (Site 1a), and north of North Smith Street between West 8th Street and West 7th Street (Sites 1b, 1c, and 1d) in Charlotte, North Carolina. The subject site is owned by North Carolina Department of Transportation (NCDOT). The site location is shown on Figure 1, an excerpt from the United States Geological Survey (USGS) 7.5-minute quadrangle map of Charlotte East, North Carolina. This survey and assessment were conducted by General Engineering and Environmental of NC, Inc. (General Engineering) in accordance with the Notice to Proceed issued by NCDOT.

The primary purpose of this investigation was to determine the presence or absence of impact to soil as a result of previous uses of the subject site.

2.0 Background

The subject site consists of four contiguous properties owned by the NCDOT. These properties, identified as 1a, 1b, 1c, and 1d, are four of several properties that NCDOT owns that are associated with the future construction of the Charlotte Multi-Modal Rail Station. NCDOT wanted to assess the property to evaluate the extent (if any) of soil and/or groundwater contamination (if suspected based on the soil investigation) related to previous site operations. The subject site includes four of eleven total properties assessed by General Engineering. The other seven properties assessed are discussed in other separate reports

submitted to NCDOT. Figure 2 shows the general layout of all sites assessed by General Engineering, including the subject site.

3.0 Local Geology and Hydrogeology

The site is located in Mecklenburg County, North Carolina, in the Charlotte Belt of the Piedmont Physiographic Province. The Charlotte Belt is predominately underlain by dense granitic bedrock that yields groundwater primarily from secondary porosity and permeability provided by fractures. The bedrock is covered by regolith consisting of saprolite, alluvium, and soil. The Charlotte Belt in the vicinity of the subject site is typically characterized by low, rounded hills and shallow valley topography underlain by metamorphic and igneous rocks of Paleozoic and Precambrian age.

The subject site is located within the Piedmont aquifer system, which consists mostly of crystalline-rock aquifers. The rocks that make up the crystalline-rock aquifers are crystalline metamorphic and igneous rocks. Regolith typically overlies the aquifers. The regolith and fractures in the bedrock serve as the principal places for the storage and transmission of groundwater, and groundwater movement is generally along short flow paths to the nearest stream.

The soils encountered in the vicinity of this site during the preliminary site assessment consist predominately of brown/orange/grey silty, sandy clay and sandy, clayey silt. In its September 2000 Phase I Environment Site Assessment report for the study area, Arcadis indicated that the Soil Conservation Service Soil Survey for Mecklenburg County typified soils in the study area as "urban land," having more than 85% impervious surfaces, and with underlying soils in which the natural characteristics have mostly been altered or destroyed. Based on the results of groundwater sampling conducted as part of the preliminary site assessment, the water table in the vicinity of the subject site is encountered at depths ranging from approximately 5 to 22 feet below land surface (bls).

According to the contour lines on the topographic map in Figure 1, the study area is located approximately 750 feet above mean sea level (MSL).

The nearest perennial surface water body to the subject site is Irwin Creek, which is located approximately 2,500 feet west of the site. Based on the United States Geological Survey topographic map, the groundwater flow direction underlying the subject site is most likely westerly.

4.0 Subsurface Investigation

To determine the presence or absence of impact to subsurface soil at the subject site, General Engineering performed a limited site assessment that consisted of the following tasks:

- Performance of a geophysical evaluation to identify the presence or absence of USTs and associated appurtenances, and other underground anomalies, including utilities, at the subject site and their locations.
- Collection and soil vapor screening of soil samples from subsurface soil borings to determine the presence or absence of soil impact from constituents of concern.

The details of these tasks are discussed in the following sections.

4.1 Geophysical Evaluation

The geophysical evaluation included the deployment of ground penetrating radar technology, radio frequency electromagnetic technology, and time domain electromagnetic technology to the site. These technologies were used in concert with one another in order to identify subsurface metallic anomalies and, in particular, to identify the presence of USTs on site. A brief description of each technology is presented in the following paragraphs followed by a discussion of the results of the geophysical evaluation.

4.1.1 Ground Penetrating Radar Methodology

A RAMAC digital radar control system configured with a 250 Megahertz (MHz) antenna array was used in this investigation. Ground Penetrating Radar (GPR) is an electromagnetic geophysical method that detects interfaces between subsurface materials with differing dielectric constants. The GPR system consists of an antenna that houses the transmitter and receiver, a digital control unit that both generates and digitally records the GPR data, and a color video monitor to view data as they are collected in the field.

The transmitter radiates repetitive short-duration electromagnetic waves (at radar frequencies) into the earth from an antenna moving across the ground surface. These radar waves are reflected back to the receiver from the interface of materials with different dielectric constants. The intensity of the reflected signal is a function of the contrast in the dielectric constant between the materials, the conductivity of the material through which the wave is traveling, and the frequency of the signal. Subsurface features

that commonly cause such reflections are: 1) natural geologic conditions, such as changes in sediment composition, bedding, and cementation horizons and voids; or 2) unnatural changes to the subsurface, such as disturbed soils, soil backfill, buried debris, tanks, pipelines, and utilities. The digital control unit processes the signal from the receiver and produces a continuous cross-section of the subsurface interface reflection events.

GPR data profiles are collected along transects, which are measured paths along which the GPR antenna is moved. During a survey, marks are placed in the data by the operator at designated points along the GPR transects or with a survey wheel odometer. These marks allow for a correlation between the GPR data and the position of the GPR antenna on the ground.

Depth of investigation of the GPR signal is highly site-specific and is limited by signal attenuation (absorption) in the subsurface materials. Signal attenuation is dependent on the electrical conductivity of the subsurface materials. Signal attenuation is greatest in materials with relatively high electrical conductivities, such as clays, brackish groundwater, or groundwater with a high dissolved solid content from natural or man-made sources. Signal attenuation is lowest in relatively low-conductivity materials, such as dry sand or rock. Depth of investigation is also dependent on the antenna's transmitting frequency. Depth of investigation generally increases as transmitting frequency decreases; however, the ability to resolve smaller subsurface features is diminished as frequency is decreased.

The GPR antenna used at this site is internally shielded from aboveground interference sources. Accordingly, the GPR response is not affected by overhead power lines, metallic buildings, or nearby objects.

4.1.2 Radio Frequency Electromagnetic Methodology

A Radio Detection RD4000PXL2 unit was used in this investigation. Radio Frequency Electromagnetic (EM) utility locating equipment consists of a transmitter and a dual-function receiver. The receiver can be operated in a "passive" mode or in an "active" mode. The two modes of operation provide various levels of detection capabilities depending on the specific target or application.

The system is operated in the "active" mode by either inducing or conducting a signal into the underground utility to be traced. A transmitter is placed over and in line with a suspected buried utility. The transmitter induces a signal that propagates along the

buried utility. As the receiver is moved back and forth across the suspected path of the utility, the trace signal induces a signal into the receiver's coil sensor. A visual and audio response indicates when the receiver is directly over the buried utility. Another means of detecting in the "active" mode utilizes a method to "conduct" a signal within the buried utility. To accomplish this, a cable from the transmitter is clamped onto an exposed section of the buried utility and a signal propagates along the buried line. This technique minimizes any interference caused by parasitic emissions from adjacent cables in congested areas. When the system is utilized in the "passive" mode, the receiver is responding to a 60-Hertz cycle current energized by underground utilities.

Interference can and may occur when buried utilities intersect or are adjacent to each other. This effect, referred to as "bleed-off," may provide a false response to the identification of the tracked utility. "Bleed-off" is caused by utilities that may be energized in the "active" or "passive" mode.

4.1.3 Time Domain Electromagnetic Methodology

The Time Domain Electromagnetic (TDEM) methods measure the electrical conductivity of subsurface materials. The conductivity is determined by inducing (from a transmitter) a time or frequency-varying magnetic field and measuring (with a receiver) the amplitude and phase shift of an induced secondary magnetic field. The secondary magnetic field is created by subsurface conductive materials behaving as an inductor as the primary magnetic field is passed through them.

The Geonics EM-61 system used in this investigation operates within these principles. However, the EM-61 TDEM system can discriminate between moderately conductive earth materials and very conductive metallic targets. The EM-61 consists of a portable coincident loop time domain transmitter and receiver with a 0.5-meter by 1.0-meter coil system. The EM-61 generates 150 pulses per second and measures the response from the ground after transmission or between pulses. The secondary EM responses from metallic targets are of longer duration than those created by conductive earth materials. By recording the later time EM arrivals, only the response from metallic targets is measured, rather than the field generated by the earth material.

4.1.4 Terrain Conductivity Methodology

Terrain Conductivity also measures the electrical conductivity of subsurface materials. The conductivity is determined by inducing a frequency-varying magnetic

field and measuring the amplitude and phase shift of an induced secondary magnetic field. The secondary magnetic field is created by subsurface conductive materials behaving as an inductor as the primary magnetic field is passed through them.

Terrain conductivity systems, such as the Geonics EM-31 used in this investigation, are commonly used to delineate variations in ground conductivity. There are two components of the induced magnetic field measured by the Geonics EM-31 equipment. The first is the quadrature-phase (out of phase) component that measures the bulk conductivity of soil and groundwater. The second is the in-phase component that is relatively more sensitive to large metallic objects, such as pipes, drums, and underground storage tanks. By observing the response of the in-phase and quadrature-phase components, it is possible to differentiate whether a change in bulk conductivity is due to the presence of buried metallic objects or due to changes in subsurface soil conditions or pore fluid conductivity.

4.1.5 Field Procedures

The GPR, EM, TDEM, and terrain conductivity field investigation was performed during the period from October 17, 2005, to October 21, 2005.

In order to delineate targets, GPR data were acquired along profiles in two directions, perpendicular to each other, in a 5-foot by 5-foot grid. These data were post processed and interpreted.

EM data were acquired in order to identify subsurface utilities. These data were used in conjunction with the GPR datasets to identify subsurface utilities. The results were marked and surveyed in the field.

TDEM data were acquired along profiles in one direction, with 5 feet between profiles. Data were processed and plotted as plan view maps. TDEM targets were classified as potential tanks or subsurface metallic objects likely not associated with tanks.

Terrain conductivity data were acquired along profiles in one direction, with 5 feet between profiles. Data were processed and plotted as plan view maps. Targets were identified as conductivity highs. The results of the geophysical investigation are shown on Figure 3.

4.2 Subsurface Soil Investigation

To determine the presence or absence of impact to subsurface soil by constituents of concern, General Engineering collected soil samples from 15 subsurface soil borings at the subject site on October 27, 2005, and October 31, 2005, for analysis. The boring locations within Sites 1b, 1c, and 1d (soil borings SB-16 through SB-30) were equally spaced across each site since there were no underground anomalies of concern identified during the geophysical evaluation. The boring locations for Site 1a (soil borings SB-51 through SB-55) were in suspect areas containing subsurface materials of concern based on the geophysical evaluation and/or the site appearance. The soil sampling was accomplished using direct push technology (DPT) provided by Geologic Exploration, Inc. of Statesville, North Carolina (Geologic Exploration). The locations of the soil borings are shown on Figure 3. These borings were advanced to a depth of 15 feet below land surface (bls). Soil samples were collected from the borings at 3-4 feet bls, 7-8 feet bls, 11-12 feet bls, and 14-15 feet bls. All soil samples were inspected for indications of impact by constituents of concern, such as petroleum odors, discoloration, or visible sheen. Soil boring logs are attached as Appendix I of this document.

The soil samples were screened for the presence of organic vapors using a portable photoionization detector (PID). The PID measures the concentration of organic compounds in the vapor space above a soil sample resulting from volatilization of organic compounds contained in the soil. To screen the soils, each sample was placed in a clean, resealable polyethylene bag. The bag was sealed, and the sample was allowed to equilibrate for approximately 5 minutes, after which time a small opening was made in the bag. The probe of the PID was then inserted into the bag, and the airspace above the soil was screened for organic vapors.

To assess the subsurface soil quality, one soil sample was collected from each soil boring at the sampled depth interval with the highest PID reading and submitted for laboratory analysis. The soil samples listed below from each boring were sent to the laboratory for analysis:

Soil Boring	Depth of Interval of Collected Sample (feet bls)	PID reading in parts per million (ppm)
SB-16	7-8	0.6
SB-17	7-8	2.2
SB-18	11-12	0.5
SB-19	11-12	3.6
SB-20	14-15	4.5
SB-21	7-8	9.0
SB-22	3-4	6.1
SB-23	11-12	10.7
SB-24	14-15	6.0
SB-25	11-12	3.3
SB-26	14-15	2.3
SB-27	14-15	2.2
SB-28	14-15	2.5
SB-29	11-12	2.4
SB-30	11-12	3.6
SB-51	7-8	3.9
SB-52	11-12	4.0
SB-53	7-8	10.1
SB-54	11-12	1.9
SB-55	14-15	46.7

Following completion of the sampling activities, all borings were abandoned by filling the boreholes with hydrated bentonite. Soil samples were submitted to Pace Analytical Service, Inc. in Huntersville, North Carolina (North Carolina Certification No. 37706) for analysis of volatile organic compounds (VOCs) by EPA Method 8260B with EPA 5035 sample preparation, semi-volatile organic compounds (SVOCs) by EPA

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fc: ncdt01005c

Method 8270C with EPA 3545 sample preparation, and total chromium and lead by SW 846 Method 6010B. Copies of the Certificate of Analysis and Chain of Custody Record for the soil samples are provided in Appendix II.

Methylene chloride was detected in soil samples SB-17, SB-51, SB-52, SB-53, SB-54, and SB-55 at concentrations of 10.0 micrograms per kilogram (ug/kg), 8.2 ug/kg, 9.4 ug/kg, 19.0 ug/kg, 9.7ug/kg, and 12 ug/kg, respectively. Methylene chloride is a common laboratory contaminant and its detection in these samples is considered most likely related to laboratory contamination. Additionally, the reported concentrations of methylene chloride are below the NCDENR Soil to Water Maximum Contaminant Concentration (MSCC) regulatory limit of 20 ug/kg. Therefore, the detection of methylene chloride analytical is not indicative of significant impact. No SVOCs were detected in any of the soil samples.

Lead and total chromium were detected in several soil samples, as shown in Table 1. The detected lead concentrations were below the NCDENR MSCC of 270 milligrams per kilogram (mg/kg).

Detected total chromium concentrations in soil samples SB-20, SB-25, SB-26, SB-27, SB-29, SB-30, and SB-53 were above the NCDENR MSCC of 27 mg/kg for hexavalent and trivalent chromium (ranging from 32 mg/kg to 360 mg/kg); however, the concentrations were below the EPA Region 9 Residential Preliminary Remediation Goals (PRG) of 210 mg/kg, except for soil sample SB-53 (360 mg/kg). Therefore, the analytical results are not indicative of significant impact. Furthermore, chromium is a naturally occurring metal in soil and groundwater. Although there are no available background chromium data for soil in the vicinity of the subject site, the chromium detected in the soil samples at the subject site is believed to be indicative of natural conditions.

5.0 Conclusions and Recommendations

To determine the presence or absence of impact to subsurface soil by constituents of concern at the subject site, General Engineering performed a geophysical evaluation and a preliminary site assessment that included the collection and analysis of soil samples. Underground utilities as well as buried metallic objects (not suspected USTs) were identified during the geophysical survey.

Results of analysis for the soil samples from constructed soil borings indicate that no SVOCs or VOCs were detected in soil samples collected from 15 on-site soil borings (SB-16 through SB-30, and SB-51 through SB-55), except for methylene chloride, which was most likely a laboratory contaminant. The lead concentrations detected in the samples were below the NCDENR MSCC of 270 milligrams per kilogram (mg/kg). Concentrations of total chromium in soil samples SB-20, SB-25, SB-26, SB-27, SB-29, SB-30, and SB-53 were above the NCDENR MSCC of 27 mg/kg (ranging from 32 mg/kg to 360 mg/kg) for hexavalent and trivalent chromium; however, the concentrations were below the EPA Region 9 Residential PRG of 210 mg/kg for total chromium, except for soil sample SB-53 (360 mg/kg). Therefore, the analytical results are not considered indicative of significant impact from previous site operations. Lead and total chromium concentrations detected in the subsurface soil are most likely typical of background concentrations in this area; however, background samples would need to be collected for further evaluation.

Since the results indicate detected concentrations of chromium in some soil samples at levels above the NCDENR MSCC, these results should be reported to NCDENR, but it should be noted in the NCDENR notification that the chromium is most likely naturally occurring.

Based on the data generated from this investigation, there is no evidence that a significant release(s) of constituents of concern has occurred at the subject site.

Table 1
Summary of Detected Constituents of Concern in Soil Samples

Multi-Modal Rail Station
Sites 1a, 1b, 1c, and 1d
WBS Element # 32179

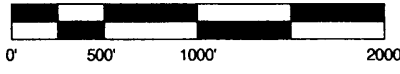
Sample Location	Total Chromium	Lead	Methylene Chloride
SB-16	8.2	9.8	ND
SB-17	14	13	0.010
SB-18	11	12	ND
SB-19	10	10	ND
SB-20	57*	1.1	ND
SB-21	22	6.2	ND
SB-22	9.2	6.9	ND
SB-23	8.6	5.6	ND
SB-24	7.5	3.8	ND
SB-25	32*	0.79	ND
SB-26	47*	3.3	ND
SB-27	110*	ND	ND
SB-28	14	2.7	ND
SB-29	180*	0.7	ND
SB-30	120*	ND	ND
SB-51	5.6	3.7	0.0082
SB-52	9.5	3.9	0.0094
SB-53	360	31	0.019
SB-54	19	3.5	0.0097
SB-55	6.4	2.1	0.012
NCDENR MSCC Limit	27	270	0.02
EPA Region 9 Residential PRG	210	400	9.1

Notes:

- 1) All concentrations are in milligrams per kilogram (mg/kg)
- 2) ND = Not Detected
- 3) * = Detected concentration is above the NCDENR MSCC; however, it is below the EPA Region 9 Residential PRG.
- 4) **Bold** = concentrations exceeding the EPA Region 9 Residential PRG.



APPROXIMATE SCALE: 1" = 1000'



MAP TAKEN FROM USGS 7.5 MINUTE QUADRANGLE FOR CHARLOTTE EAST, NC

GENERAL ENGINEERING & ENVIRONMENTAL, LLC
Member of THE GEL GROUP, Inc.



Post Office Box 14282
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PROJECT: nedd01005C

MULTI MODAL RAIL STATION
SITE 1a, 1b, 1c, and 1d
CHARLOTTE, NORTH CAROLINA
WBS ELEMENT NO. 32179

SITE LOCATION
MAP

FIGURE
1

DATE: December 22, 2005

DRAWN BY: LKH APPRV. BY: RMM

PLOTTED: Dec 21, 2005 - 9:05am BY: j.jp. FILE LOCATION: G:\-P\N\ncdt\ncdt01005c\Figs\dwg_LAYOUT TAB. #2



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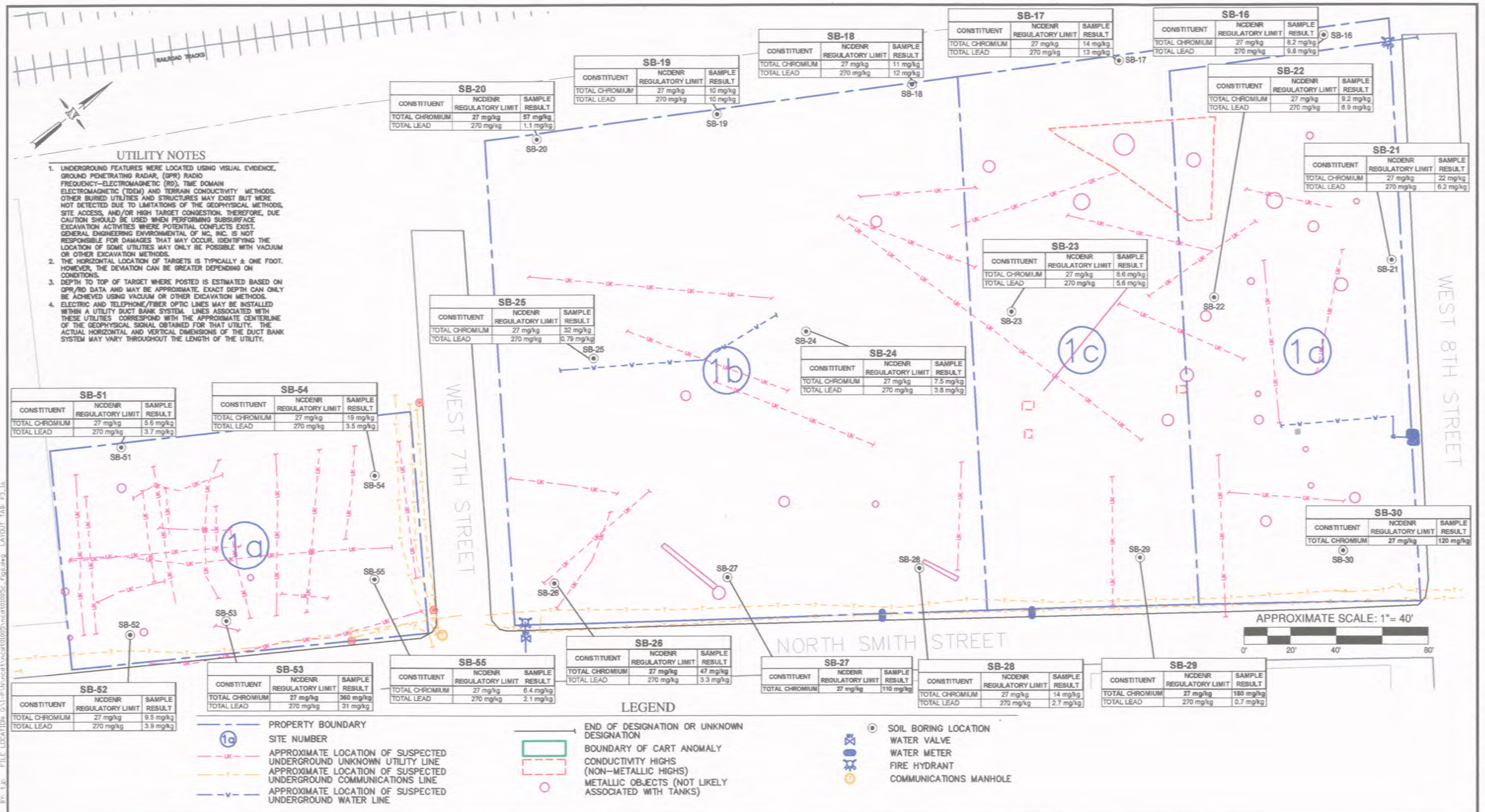
Post Office Box 14262
 Research Triangle Park, NC 27709
 (909) 554-1100

PROJECT: ncdt01005c
 MULTI-MODAL RAIL STATION, PRELIMINARY SITE ASSESSMENT
 SITES 1a, 1b, 1c, 1d, 2a, 2b, 2c, 11, 12, 13, & 24a
 CHARLOTTE, NORTH CAROLINA
 STATE PROJECT P-3800, WBS #32179, MECKLENBURG COUNTY
 DATE: December 19, 2005

SUBJECT SITE AND SURROUNDING PROPERTIES

DRAWN BY: TJP APPRV. BY: RMM

FIGURE
 2



PLOTTED: Dec 21, 2005 - 9:36am By: TJP FILE: LDCATIDb_G:\1-P\NCDT01005c\ncdt01005c_Fig3.dwg LAYDIT: Tab: Fig 3a

SOIL BORING LOG

Boring/Well No.: **SB-16**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0'	NA		Cover material, fill (concrete, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.0' - 2.0'	NA		Orange/brown clay, dense, plastic, friable.	CL
3	2.0' - 4.0'	NA	0.2	Mottled sandy-silty-clayey saprolite, very friable. PID sample collected from 3'-4'.	ML/ CL/OL
4	4.0' - 8.0'	NA	0.6	Same as above. PID sampled collected from 7'-8' bls.	ML/ CL/OL
5	8.0' - 15.0'	NA	0.2 0.0	Same as above, but with more feldspar and more micaceous. PID Samples collected from 11'-12' and 14'-15' bls.	ML/ CL/OL
6				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-17**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	0.5' - 1.0'	NA		Brown sandy-silty-clay, friable.	SC / ML/ CL
3	1.0' - 3.0'	NA		Mottled silty-clay, dense, friable.	ML/ CL
4	3.0' - 4.0'	NA	0.0	Strongly mottled sandy-silty-clayey saprolite, very friable. PID sampled collected from 3'-4' bls.	ML/ CL/OL
5	4.0' - 8.0'	NA	2.2	Same as above but more clayey and plastic. PID Sample collected from 7'-8' bls.	ML/ CL/OL
6	8.0' - 15.0'	NA	0.3 0.1	Strongly mottled sandy-silty-clayey saprolite, very friable, feldspathic and micaceous than above, rock fragments. PID samples collected from 11'-12' and 14'-15' bls.	ML/ CL/ OL/
7				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-18**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	0.5' - 3.0'	NA		Orange silty clay, plastic, friable, some red mottling	ML/ CL
3	3.0' - 8.0'	NA	0.0 0.0	Orange/red mottled silty clay, plastic, friable. PID samples collected from 3'-4' and 7'-8' bls	ML/ CL
4	8.0' - 15.0'	NA	0.5 0.0	Orange/red mottled silty clay, slightly plastic, very friable. PID samples collected from 11'-12' and 14'-15' bls	ML/ CL/OL
5				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-19**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	0.5' - 3.5'	NA	3.3	Brown very fine to fine sand with some medium sand grading to orange/brown very fine silty sand with clay. PID sample collected from 3'-4' bls	SM/ SC/
3	3.5' - 7.0'	NA		Orange/brown mottled clay, stiff to very stiff, plastic.	ML/ CL
4	7.0' - 11.0'	NA	0.3	Tan sandy-silty-clayey saprolite with some brown silty saprolite, friable, soft to stiff. PID sample collected from 7'-8' bls.	ML/ CL/OL
5	11.0' - 15.0'	NA	3.6 1.4	Brown/tan mottled sandy-silty-clayey saprolite, more feldspar and mica than above, friable. PID samples collected from 11'-12' to 14'-15' bls	ML/ CL/OL
6				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-20**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	0.5' - 1.0'	NA		Brown fine-medium sand.	SM/SC
3	1.0' - 4.5'	NA	2.6	Brown very fine-fine sand grading to mottled very fine sand, silty, and clay. PID sample collected from 3'-4' bls.	SM/SC ML/ CL
4	4.5' - 6.5'	NA		Brown/tan mottled sandy-silty clay, stiff, friable.	ML/ CL/OL
5	6.5' - 13.0'	NA	4.1 3.5	Tan mottled sandy-silty-clayey saprolite with some unweathered rock fragments. PID samples collected from 7'-8' to 11'-12' bls.	ML/ CL/OL
6	13.0' - 15.0'	NA	4.5	Same as above, but with more feldspar and mica, very friable. PID sample collected from 14'-15' bls.	ML/ CL/OL
7				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-21**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.0' - 3.0'	NA	7.1	Orange/brown clay, stiff, not very plastic. PID sample collected from 3'-4' bls.	CL
3	3.0' - 15.0'	NA	9.0 8.0 0.7	Brown/tan/black mottled sandy-silty-clayey saprolite, micaceous/feldspathic, friable w/ clay lenses. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-22**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.0' - 2.5'	NA		Orange/red clay, stiff, not very plastic.	CL
3	2.5' - 9.0'	NA	6.1 2.1	Tan/orange mottled sandy-silty-clayey saprolite, very friable, some less friable clayey lenses. PID samples collected from 3'-4' and 7'-8' bls.	ML/ CL/OL
4	9.0' - 15.0'	NA	5.1 5.7	Orange/brown/white mottled sandy-silty-clayey saprolite, very friable, more silty/clayey than above, more mica and feldspar. PID samples collected from 11'-12', 14'-15' bls.	ML/ CL/OL
5				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-23**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.0' - 3.0'	NA	2.5	Brown mottled clay, stiff, slightly plastic. PID sample collected from 3'-4'	CL
3	3.0' - 15.0'	NA	5.1 10.7 5.2	Brown/tan mottled sandy-silty-clayey saprolite, soft to stiff, friable to very friable, some clayey lenses. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-24**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 3.0'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	3.0' - 4.0'	NA	3.1	Brown mottled clay, stiff, slightly plastic. PID sample collected from 3'-4'	CL
3	4.0' - 15.0'	NA	5.5 4.5 6.0	Brown/tan mottled sandy-silty-clayey saprolite, soft to stiff, friable to very friable, some clayey lenses. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-25**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.0' - 2.0'	NA		Brown fine to medium sand	SM/SC
3	2.0' - 8.0'	NA	3.3 3.3	Tan/brown mottled sandy-silty-clayey saprolite, friable to very friable, soft to stiff. PID samples collected from 3'-4', 7'-8' bls.	ML/ CL/OL
4	8.0' - 13.0'	NA	2.9	Same as above, more friable, stiff. PID sample collected from 11'-12' bls.	ML/ CL/OL
5	13.0' - 15.0'	NA	2.6	Same as above but some unweathered rock fragments. PID sample collected from 14'-15' bls.	ML/ CL/OL
6				Total depth of boring is 15.0'	
7					
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-26**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	0.5' - 2.0'	NA		Orange/brown mottled clay, plastic.	CL
3	2.0' - 13.0'	NA	1.9 2.1 2.2	Tan/beige mottled sandy-silty-clayey saprolite with some more clayey lenses, friable to very friable. PID samples collected from 3'-4', 7'-8', and 11'-12' bls.	ML/ CL/OL
4	13.0' - 15.0'	NA	2.3	Same as above, but more brown. PID sample collected from 14'-15' bls.	ML/ CL/OL
5				Total depth of boring is 15.0'	
6					
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-27**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.5' - 3.0'	NA	2.1	Brown mottled clay, stiff, plastic. PID sampled collected from 3'-4' bls.	CL
3	3.0' - 15.0'	NA	1.3 2.2 2.1	Brown mottled sandy-silty-clayey saprolite with some more clayey lenses, friable to very friable. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-28**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	0.5' - 1.5'	NA		Orange/brown mottled clay, plastic, stiff. PID sampled collected from 3'-4' bls.	CL
3	1.5' - 6.0'	NA	1.7	Tan/orange very fine sand and silt, mottled, soft, friable. PID sample collected from 3'-4' bls	SC / ML
4	6.0' - 9.0'	NA	1.8	Orange/brown mottled with gray silty clay, plastic, slightly friable to friable. PID sample collected from 7'-8' bls	ML / CL
5	9.0' - 13.0'	NA	1.8	Orange mottled sandy-silty-clayey saprolite, soft, very friable. PID sample collected from 11'-12' bls.	ML/ CL/OL
6	13.0' - 15.0'	NA	2.5	Brown mottled saprolite, more feldspathic and micaceous than above, very friable. PID sample collected from 14'-15' bls.	ML/ CL/OL
7				Total depth of boring is 15.0'	
8					
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-29**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0' *	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	4.0' - 7.0'	NA	1.7	Orange/brown mottled sandy-silty-clayey saprolite, friable, soft. PID sampled collected from 3'-4' bls.	ML/ CL/OL
3	7.0' - 15.0'	NA	1.8 2.4 0.7	Tan mottled sandy-silty-clayey saprolite with some more clayey lenses, plastic, becoming more friable with depth. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

*Only the first 0'-1' portion of the 0'-4' core was recovered.

SOIL BORING LOG

Boring/Well No.: **SB-30**
 Date Started: 10/27/05
 Date Completed: 10/27/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.0'	NA		Cover material, fill (topsoil, gravel, sand, silt, and clay).	GM/ SC/ ML
2	1.0' - 2.0'	NA		Brown silty clay, soft, friable.	ML
3	2.0' - 10.0'	NA	2.3 2.7	Tan/brown sandy-silty-clayey saprolite, mottled grading to mottled (brown/orange/black) friable saprolite. PID samples collected from 3'-4' and 7'-8' bls.	ML/ CL/OL
4	10.0' - 15.0'	NA	3.6 3.1	Same as above with stronger mottling and more clayey. PID samples collected from 11'-12', 14'-15' bls.	ML/ CL/OL
5				Total depth of boring is 15.0'	
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8					
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-51**
 Date Started: 10/31/05
 Date Completed: 10/31/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 4.0' *	NA	1.6	Cover material, fill (rocks, concrete, sand, silt, and clay). PID sample collected from 3'-4' bls.	-
2	4.0' - 5.0'	NA		Gray/brown mottled sandy-silty-clayey saprolite, plastic, medium stiff, friable.	ML / CL/OL
3	5.0' - 15.0'	NA	3.6 2.1 3.9	Tan/brown mottled silty-sandy-clayey saprolite, some gravel, friable, soft to medium stiff. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL SM/SC
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

* Only 1.5' recovered in core barrel.

SOIL BORING LOG

Boring/Well No.: **SB-52**
 Date Started: 10/31/05
 Date Completed: 10/31/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.0'	NA		Cover material, fill (rocks, concrete, sand, silt, and clay).	-
2	2.0' - 5.0'	NA	3.7	Orange/brown mottled very stiff silty clay grading to brown/tan mottled stiff silty clay. PID sample collected from 3'-4' bls.	ML / CL/OL
3	5.0' - 8.0'	NA	3.9	Tan, sandy-silty-clayey saprolite, slightly mottled, very friable, medium stiff to stiff. PID sample collected from 7'-8' bls.	ML/ CL/ OL
4	8.0' - 12.0'	NA	4.0	Same as above except more mottled and becoming more darker tan in color. PID sample collected from 11'-12 bls.	ML/ CL/OL SM/SC
5	12.0' - 15.0'	NA	3.6	Same as above except the color is more brown and there are some unweathered rock fragments. PID sample collected from 14'-15' bls.	ML/ CL/OL SM/SC
6				Total depth of boring is 15.0'	
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12					

Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-53**
 Date Started: 10/31/05
 Date Completed: 10/31/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (rocks, concrete, sand, silt, and clay).	-
2	0.5' - 8.0'	NA	5.8 10.1	Brown/orange mottled sandy-silty-clayey saprolite, very friable, soft to very stiff, rock at 6' bls and 8' bls. PID samples collected from 3'-4' and 7'-8', bls.	ML / CL/OL
3				Refusal at 8.0'. Total depth of boring is 8.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-54**
 Date Started: 10/31/05
 Date Completed: 10/31/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (rocks, concrete, sand, silt, and clay).	-
2	0.5' - 3.0'	NA	0.9	Red/orange mottled, stiff, sandy clay grading to friable, brown/orange silty-sandy clay with some fine gravel. PID samples collected from 3'-4' bls.	ML / CL/OL
3	3.0' - 15.0'	NA	1.8 1.9 1.4	Tan/brown mottled sandy-silty-clayey saprolite, friable, soft to stiff, some distinct silty-clay and sandy lenses. PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML / CL/OL
4				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.

SOIL BORING LOG

Boring/Well No.: **SB-55**
 Date Started: 10/31/05
 Date Completed: 10/31/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 0.5'	NA		Cover material, fill (rocks, concrete, sand, silt, and clay).	-
2	0.5' - 5.5'	NA	13.4	Stiff red/orange mottled sandy-silty-clayey saprolite, becoming softer, more friable, and less clayey with depth. PID sample collected from 3'-4' bls.	ML / CL/OL
3	5.5' - 12.0'	NA	17.2 14.5	Brown slightly mottled to mottled sandy saprolite with some fine gravel, very friable, medium stiff to stiff. PID samples collected from 7'-8' and 11'-12' bls.	SM / SC
4	12.0' - 15.0'	NA	46.7	Gray, sandy-silty saprolite, no mottling, coarser than above with more fine gravel and rock fragments, very friable. PID sample collected from 14'-15' bls.	SM / SC
5				Total depth of boring is 15.0'	
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Notes: NA - Not Applicable as soil samples were collecting using direct push technology (DPT) and collected a continuous 4' soil core.



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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272626 Project Sample Number: 92106292-019 Date Collected: 10/27/05 13:00
 Client Sample ID: SB-16-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters Results Units Report Limit Analyzed By CAS No. Qual ReqLmt

Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	8.2	mg/kg	0.27	11/09/05 02:09	ALV	7440-47-3		
Lead	9.8	mg/kg	0.66	11/09/05 02:09	ALV	7439-92-1		
Date Digested	10/28/05 10:30			10/28/05 10:30				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	24.7	%		10/27/05 17:50	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	440	11/09/05 10:44	BET	83-32-9		
Acenaphthylene	ND	ug/kg	440	11/09/05 10:44	BET	208-96-8		
Anthracene	ND	ug/kg	440	11/09/05 10:44	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	440	11/09/05 10:44	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	440	11/09/05 10:44	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	440	11/09/05 10:44	BET	56-55-3		
Benzoic acid	ND	ug/kg	2200	11/09/05 10:44	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	440	11/09/05 10:44	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	880	11/09/05 10:44	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	440	11/09/05 10:44	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	440	11/09/05 10:44	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	440	11/09/05 10:44	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	880	11/09/05 10:44	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	880	11/09/05 10:44	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	440	11/09/05 10:44	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	440	11/09/05 10:44	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	440	11/09/05 10:44	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	440	11/09/05 10:44	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	440	11/09/05 10:44	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	440	11/09/05 10:44	BET	7005-72-3		
Chrysene	ND	ug/kg	440	11/09/05 10:44	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	440	11/09/05 10:44	BET	53-70-3		
Dibenzofuran	ND	ug/kg	440	11/09/05 10:44	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	440	11/09/05 10:44	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	440	11/09/05 10:44	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	440	11/09/05 10:44	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	880	11/09/05 10:44	BET	91-94-1		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272626 Project Sample Number: 92106292-019 Date Collected: 10/27/05 13:00
 Client Sample ID: SB-16-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
2,4-Dichlorophenol	ND	ug/kg	440	11/09/05 10:44	BET	120-83-2		
Diethylphthalate	ND	ug/kg	440	11/09/05 10:44	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	440	11/09/05 10:44	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	440	11/09/05 10:44	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	440	11/09/05 10:44	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	440	11/09/05 10:44	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2200	11/09/05 10:44	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	440	11/09/05 10:44	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	440	11/09/05 10:44	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	440	11/09/05 10:44	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	440	11/09/05 10:44	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	11/09/05 10:44	BET	117-81-7		
Fluoranthene	ND	ug/kg	440	11/09/05 10:44	BET	206-44-0		
Fluorene	ND	ug/kg	440	11/09/05 10:44	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	440	11/09/05 10:44	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	440	11/09/05 10:44	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	440	11/09/05 10:44	BET	77-47-4		
Hexachloroethane	ND	ug/kg	440	11/09/05 10:44	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	11/09/05 10:44	BET	193-39-5		
Isophorone	ND	ug/kg	440	11/09/05 10:44	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	440	11/09/05 10:44	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	440	11/09/05 10:44	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	440	11/09/05 10:44	BET			
Naphthalene	ND	ug/kg	440	11/09/05 10:44	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2200	11/09/05 10:44	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2200	11/09/05 10:44	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2200	11/09/05 10:44	BET	100-01-6		
Nitrobenzene	ND	ug/kg	440	11/09/05 10:44	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	440	11/09/05 10:44	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2200	11/09/05 10:44	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	440	11/09/05 10:44	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	440	11/09/05 10:44	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2200	11/09/05 10:44	BET	87-86-5		
Phenanthrene	ND	ug/kg	440	11/09/05 10:44	BET	85-01-8		
Phenol	ND	ug/kg	440	11/09/05 10:44	BET	108-95-2		
Pyrene	ND	ug/kg	440	11/09/05 10:44	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	440	11/09/05 10:44	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	440	11/09/05 10:44	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	440	11/09/05 10:44	BET	88-06-2		

Date: 11/11/05

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272626 Project Sample Number: 92106292-019 Date Collected: 10/27/05 13:00
 Client Sample ID: SB-16-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Nitrobenzene-d5 (S)	61	%		11/09/05 10:44	BET	4165-60-0		
2-Fluorobiphenyl (S)	60	%		11/09/05 10:44	BET	321-60-8		
Terphenyl-d14 (S)	78	%		11/09/05 10:44	BET	1718-51-0		
Phenol-d5 (S)	42	%		11/09/05 10:44	BET	4165-62-2		
2-Fluorophenol (S)	31	%		11/09/05 10:44	BET	367-12-4		
2,4,6-Tribromophenol (S)	45	%		11/09/05 10:44	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	100	11/02/05 00:05	DLK	67-64-1
Benzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	75-27-4
Bromoform	ND	ug/kg	5.1	11/02/05 00:05	DLK	75-25-2
Bromomethane	ND	ug/kg	10.	11/02/05 00:05	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	100	11/02/05 00:05	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.1	11/02/05 00:05	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	108-90-7
Chloroethane	ND	ug/kg	10.	11/02/05 00:05	DLK	75-00-3
Chloroform	ND	ug/kg	5.1	11/02/05 00:05	DLK	67-66-3
Chloromethane	ND	ug/kg	10.	11/02/05 00:05	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.1	11/02/05 00:05	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.1	11/02/05 00:05	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	11/02/05 00:05	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	11/02/05 00:05	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	10.	11/02/05 00:05	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.1	11/02/05 00:05	DLK	75-35-4

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272626 Project Sample Number: 92106292-019 Date Collected: 10/27/05 13:00
 Client Sample ID: SB-16-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.1	11/02/05 00:05	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	11/02/05 00:05	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	11/02/05 00:05	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	11/02/05 00:05	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.1	11/02/05 00:05	DLK	594-20-7		
1,1-Dichloropropane	ND	ug/kg	5.1	11/02/05 00:05	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	11/02/05 00:05	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	11/02/05 00:05	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	11/02/05 00:05	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	11/02/05 00:05	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	11/02/05 00:05	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	11/02/05 00:05	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	11/02/05 00:05	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	11/02/05 00:05	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	11/02/05 00:05	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	11/02/05 00:05	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	11/02/05 00:05	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	11/02/05 00:05	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	11/02/05 00:05	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	11/02/05 00:05	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	11/02/05 00:05	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	11/02/05 00:05	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	11/02/05 00:05	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	11/02/05 00:05	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	11/02/05 00:05	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/02/05 00:05	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.1	11/02/05 00:05	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/02/05 00:05	DLK			
o-Xylene	ND	ug/kg	5.1	11/02/05 00:05	DLK	95-47-6		
Toluene-d8 (S)	99	%		11/02/05 00:05	DLK	2037-26-5		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272626 Project Sample Number: 92106292-019 Date Collected: 10/27/05 13:00
 Client Sample ID: SB-16-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
4-Bromofluorobenzene (S)	92	%		11/02/05 00:05	DLK	460-00-4		
Dibromofluoromethane (S)	118	%		11/02/05 00:05	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	112	%		11/02/05 00:05	DLK	17060-07-0		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272634 Project Sample Number: 92106292-020 Date Collected: 10/27/05 13:10
 Client Sample ID: SB-17-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
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Metals
 Metals, Trace ICP Prep/Method: EPA 3050 / EPA 6010
 Chromium 14. mg/kg 0.22 11/09/05 02:12 ALV 7440-47-3
 Lead 13. mg/kg 0.56 11/09/05 02:12 ALV 7439-92-1
 Date Digested 10/28/05 10:30 10/28/05 10:30

Wet Chemistry
 Percent Moisture Method: % Moisture
 Percent Moisture 18.3 % 10/27/05 17:51 TNS

GC/MS Semivolatiles
 Semivolatile Organics Prep/Method: EPA 3545 / EPA 8270

Acenaphthene	ND	ug/kg	400	11/09/05 11:20	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/09/05 11:20	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/09/05 11:20	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/09/05 11:20	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/09/05 11:20	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/09/05 11:20	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/09/05 11:20	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/09/05 11:20	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	810	11/09/05 11:20	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/09/05 11:20	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/09/05 11:20	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/09/05 11:20	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	810	11/09/05 11:20	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	810	11/09/05 11:20	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/09/05 11:20	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/09/05 11:20	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/09/05 11:20	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/09/05 11:20	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/09/05 11:20	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/09/05 11:20	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/09/05 11:20	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/09/05 11:20	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/09/05 11:20	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/09/05 11:20	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/09/05 11:20	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/09/05 11:20	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	810	11/09/05 11:20	BET	91-94-1		

Date: 11/11/05

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272634 Project Sample Number: 92106292-020 Date Collected: 10/27/05 13:10
 Client Sample ID: SB-17-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
2,4-Dichlorophenol	ND	ug/kg	400	11/09/05 11:20	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/09/05 11:20	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/09/05 11:20	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/09/05 11:20	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/09/05 11:20	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/09/05 11:20	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/09/05 11:20	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/09/05 11:20	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/09/05 11:20	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/09/05 11:20	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/09/05 11:20	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/09/05 11:20	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/09/05 11:20	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/09/05 11:20	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/09/05 11:20	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/09/05 11:20	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/09/05 11:20	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/09/05 11:20	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/09/05 11:20	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/09/05 11:20	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/09/05 11:20	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/09/05 11:20	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/09/05 11:20	BET			
Naphthalene	ND	ug/kg	400	11/09/05 11:20	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/09/05 11:20	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/09/05 11:20	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/09/05 11:20	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/09/05 11:20	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/09/05 11:20	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/09/05 11:20	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/09/05 11:20	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/09/05 11:20	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/09/05 11:20	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/09/05 11:20	BET	85-01-8		
Phenol	ND	ug/kg	400	11/09/05 11:20	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/09/05 11:20	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/09/05 11:20	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/09/05 11:20	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/09/05 11:20	BET	88-06-2		

Date: 11/11/05

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272634 Project Sample Number: 92106292-020 Date Collected: 10/27/05 13:10
 Client Sample ID: SB-17-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Nitrobenzene-d5 (S)	62	%		11/09/05 11:20	BET	4165-60-0		
2-Fluorobiphenyl (S)	66	%		11/09/05 11:20	BET	321-60-8		
Terphenyl-d14 (S)	83	%		11/09/05 11:20	BET	1718-51-0		
Phenol-d5 (S)	61	%		11/09/05 11:20	BET	4165-62-2		
2-Fluorophenol (S)	57	%		11/09/05 11:20	BET	367-12-4		
2,4,6-Tribromophenol (S)	77	%		11/09/05 11:20	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Acetone	ND	ug/kg	110	11/02/05 00:25	DLK	67-64-1		
Benzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	75-27-4		
Bromoform	ND	ug/kg	5.4	11/02/05 00:25	DLK	75-25-2		
Bromomethane	ND	ug/kg	11.	11/02/05 00:25	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	110	11/02/05 00:25	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.4	11/02/05 00:25	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	108-90-7		
Chloroethane	ND	ug/kg	11.	11/02/05 00:25	DLK	75-00-3		
Chloroform	ND	ug/kg	5.4	11/02/05 00:25	DLK	67-66-3		
Chloromethane	ND	ug/kg	11.	11/02/05 00:25	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.4	11/02/05 00:25	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.4	11/02/05 00:25	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	11/02/05 00:25	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	11/02/05 00:25	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	11.	11/02/05 00:25	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.4	11/02/05 00:25	DLK	75-35-4		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272634 Project Sample Number: 92106292-020 Date Collected: 10/27/05 13:10
 Client Sample ID: SB-17-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.4	11/02/05 00:25	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.4	11/02/05 00:25	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.4	11/02/05 00:25	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.4	11/02/05 00:25	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.4	11/02/05 00:25	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.4	11/02/05 00:25	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.4	11/02/05 00:25	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.4	11/02/05 00:25	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.4	11/02/05 00:25	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	11/02/05 00:25	DLK	87-68-3		
2-Hexanone	ND	ug/kg	54.	11/02/05 00:25	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	11/02/05 00:25	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.4	11/02/05 00:25	DLK	99-87-6		
Methylene chloride	10.	ug/kg	5.4	11/02/05 00:25	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.	11/02/05 00:25	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.4	11/02/05 00:25	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.4	11/02/05 00:25	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	103-65-1		
Styrene	ND	ug/kg	5.4	11/02/05 00:25	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.4	11/02/05 00:25	DLK	127-18-4		
Toluene	ND	ug/kg	5.4	11/02/05 00:25	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.4	11/02/05 00:25	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.4	11/02/05 00:25	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.4	11/02/05 00:25	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	11/02/05 00:25	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	54.	11/02/05 00:25	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/02/05 00:25	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.4	11/02/05 00:25	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/02/05 00:25	DLK			
o-Xylene	ND	ug/kg	5.4	11/02/05 00:25	DLK	95-47-6		
Toluene-d8 (S)	99	%		11/02/05 00:25	DLK	2037-26-5		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272634 Project Sample Number: 92106292-020 Date Collected: 10/27/05 13:10
 Client Sample ID: SB-17-8 FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
4-Bromofluorobenzene (S)	95	%		11/02/05 00:25	DLK	460-00-4		
Dibromofluoromethane (S)	111	%		11/02/05 00:25	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	107	%		11/02/05 00:25	DLK	17060-07-0		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272659 Project Sample Number: 92106292-021 Date Collected: 10/27/05 13:20
 Client Sample ID: SB-18-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters Results Units Report Limit Analyzed By CAS No. Qual ReqLmt

Metals

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Metals, Trace ICP Prep/Method: EPA 3050 / EPA 6010								
Chromium	11.	mg/kg	0.24	11/09/05 02:16	ALV	7440-47-3		
Lead	12.	mg/kg	0.60	11/09/05 02:16	ALV	7439-92-1		
Date Digested	10/28/05 10:30			10/28/05 10:30				

Wet Chemistry

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Percent Moisture Method: % Moisture								
Percent Moisture	24.7	%		10/27/05 17:51	TNS			

GC/MS Semivolatiles

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Semivolatile Organics Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	440	11/09/05 11:56	BET	83-32-9		
Acenaphthylene	ND	ug/kg	440	11/09/05 11:56	BET	208-96-8		
Anthracene	ND	ug/kg	440	11/09/05 11:56	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	440	11/09/05 11:56	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	440	11/09/05 11:56	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	440	11/09/05 11:56	BET	56-55-3		
Benzoic acid	ND	ug/kg	2200	11/09/05 11:56	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	440	11/09/05 11:56	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	880	11/09/05 11:56	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	440	11/09/05 11:56	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	440	11/09/05 11:56	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	440	11/09/05 11:56	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	880	11/09/05 11:56	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	880	11/09/05 11:56	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	440	11/09/05 11:56	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	440	11/09/05 11:56	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	440	11/09/05 11:56	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	440	11/09/05 11:56	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	440	11/09/05 11:56	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	440	11/09/05 11:56	BET	7005-72-3		
Chrysene	ND	ug/kg	440	11/09/05 11:56	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	440	11/09/05 11:56	BET	53-70-3		
Dibenzofuran	ND	ug/kg	440	11/09/05 11:56	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	440	11/09/05 11:56	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	440	11/09/05 11:56	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	440	11/09/05 11:56	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	880	11/09/05 11:56	BET	91-94-1		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272659 Project Sample Number: 92106292-021 Date Collected: 10/27/05 13:20
 Client Sample ID: SB-18-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
2,4-Dichlorophenol	ND	ug/kg	440	11/09/05 11:56	BET	120-83-2		
Diethylphthalate	ND	ug/kg	440	11/09/05 11:56	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	440	11/09/05 11:56	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	440	11/09/05 11:56	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	440	11/09/05 11:56	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	440	11/09/05 11:56	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2200	11/09/05 11:56	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	440	11/09/05 11:56	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	440	11/09/05 11:56	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	440	11/09/05 11:56	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	440	11/09/05 11:56	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	11/09/05 11:56	BET	117-81-7		
Fluoranthene	ND	ug/kg	440	11/09/05 11:56	BET	206-44-0		
Fluorene	ND	ug/kg	440	11/09/05 11:56	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	440	11/09/05 11:56	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	440	11/09/05 11:56	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	440	11/09/05 11:56	BET	77-47-4		
Hexachloroethane	ND	ug/kg	440	11/09/05 11:56	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	11/09/05 11:56	BET	193-39-5		
Isophorone	ND	ug/kg	440	11/09/05 11:56	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	440	11/09/05 11:56	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	440	11/09/05 11:56	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	440	11/09/05 11:56	BET			
Naphthalene	ND	ug/kg	440	11/09/05 11:56	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2200	11/09/05 11:56	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2200	11/09/05 11:56	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2200	11/09/05 11:56	BET	100-01-6		
Nitrobenzene	ND	ug/kg	440	11/09/05 11:56	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	440	11/09/05 11:56	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2200	11/09/05 11:56	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	440	11/09/05 11:56	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	440	11/09/05 11:56	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2200	11/09/05 11:56	BET	87-86-5		
Phenanthrene	ND	ug/kg	440	11/09/05 11:56	BET	85-01-8		
Phenol	ND	ug/kg	440	11/09/05 11:56	BET	108-95-2		
Pyrene	ND	ug/kg	440	11/09/05 11:56	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	440	11/09/05 11:56	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	440	11/09/05 11:56	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	440	11/09/05 11:56	BET	88-06-2		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272659 Project Sample Number: 92106292-021 Date Collected: 10/27/05 13:20
 Client Sample ID: SB-18-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Nitrobenzene-d5 (S)	58	%		11/09/05 11:56	BET	4165-60-0		
2-Fluorobiphenyl (S)	57	%		11/09/05 11:56	BET	321-60-8		
Terphenyl-d14 (S)	78	%		11/09/05 11:56	BET	1718-51-0		
Phenol-d5 (S)	56	%		11/09/05 11:56	BET	4165-62-2		
2-Fluorophenol (S)	55	%		11/09/05 11:56	BET	367-12-4		
2,4,6-Tribromophenol (S)	73	%		11/09/05 11:56	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	120	11/02/05 19:14	DLK	67-64-1
Benzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	75-27-4
Bromoform	ND	ug/kg	5.9	11/02/05 19:14	DLK	75-25-2
Bromomethane	ND	ug/kg	12.	11/02/05 19:14	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	120	11/02/05 19:14	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.9	11/02/05 19:14	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	108-90-7
Chloroethane	ND	ug/kg	12.	11/02/05 19:14	DLK	75-00-3
Chloroform	ND	ug/kg	5.9	11/02/05 19:14	DLK	67-66-3
Chloromethane	ND	ug/kg	12.	11/02/05 19:14	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.9	11/02/05 19:14	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.9	11/02/05 19:14	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	11/02/05 19:14	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	11/02/05 19:14	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	12.	11/02/05 19:14	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.9	11/02/05 19:14	DLK	75-35-4

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272659 Project Sample Number: 92106292-021 Date Collected: 10/27/05 13:20
 Client Sample ID: SB-18-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.9	11/02/05 19:14	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.9	11/02/05 19:14	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.9	11/02/05 19:14	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.9	11/02/05 19:14	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.9	11/02/05 19:14	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.9	11/02/05 19:14	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.9	11/02/05 19:14	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.9	11/02/05 19:14	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.9	11/02/05 19:14	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	11/02/05 19:14	DLK	87-68-3		
2-Hexanone	ND	ug/kg	59.	11/02/05 19:14	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	11/02/05 19:14	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.9	11/02/05 19:14	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.9	11/02/05 19:14	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	59.	11/02/05 19:14	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.9	11/02/05 19:14	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.9	11/02/05 19:14	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	103-65-1		
Styrene	ND	ug/kg	5.9	11/02/05 19:14	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.9	11/02/05 19:14	DLK	127-18-4		
Toluene	ND	ug/kg	5.9	11/02/05 19:14	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.9	11/02/05 19:14	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.9	11/02/05 19:14	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.9	11/02/05 19:14	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	11/02/05 19:14	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	59.	11/02/05 19:14	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	11/02/05 19:14	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.9	11/02/05 19:14	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	11/02/05 19:14	DLK			
o-Xylene	ND	ug/kg	5.9	11/02/05 19:14	DLK	95-47-6		
Toluene-d8 (S)	103	%		11/02/05 19:14	DLK	2037-26-5		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272659 Project Sample Number: 92106292-021 Date Collected: 10/27/05 13:20
 Client Sample ID: SB-18-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
4-Bromofluorobenzene (S)	100	%		11/02/05 19:14	DLK	460-00-4		
Dibromofluoromethane (S)	105	%		11/02/05 19:14	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	100	%		11/02/05 19:14	DLK	17060-07-0		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272667 Project Sample Number: 92106292-022 Date Collected: 10/27/05 14:30
 Client Sample ID: SB-19-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	10.	mg/kg	0.25	11/09/05 02:20	ALV	7440-47-3		
Lead	10.	mg/kg	0.62	11/09/05 02:20	ALV	7439-92-1		
Date Digested	10/28/05 10:30			10/28/05 10:30				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	24.1	%		10/27/05 17:51	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	430	11/09/05 12:32	BET	83-32-9		
Acenaphthylene	ND	ug/kg	430	11/09/05 12:32	BET	208-96-8		
Anthracene	ND	ug/kg	430	11/09/05 12:32	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	430	11/09/05 12:32	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	430	11/09/05 12:32	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	430	11/09/05 12:32	BET	56-55-3		
Benzoic acid	ND	ug/kg	2200	11/09/05 12:32	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	430	11/09/05 12:32	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	870	11/09/05 12:32	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	430	11/09/05 12:32	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	430	11/09/05 12:32	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	430	11/09/05 12:32	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	870	11/09/05 12:32	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	870	11/09/05 12:32	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	430	11/09/05 12:32	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	430	11/09/05 12:32	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	430	11/09/05 12:32	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	430	11/09/05 12:32	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	430	11/09/05 12:32	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	430	11/09/05 12:32	BET	7005-72-3		
Chrysene	ND	ug/kg	430	11/09/05 12:32	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	430	11/09/05 12:32	BET	53-70-3		
Dibenzofuran	ND	ug/kg	430	11/09/05 12:32	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	430	11/09/05 12:32	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	430	11/09/05 12:32	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	430	11/09/05 12:32	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	870	11/09/05 12:32	BET	91-94-1		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272667 Project Sample Number: 92106292-022 Date Collected: 10/27/05 14:30
 Client Sample ID: SB-19-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
2,4-Dichlorophenol	ND	ug/kg	430	11/09/05 12:32	BET	120-83-2		
Diethylphthalate	ND	ug/kg	430	11/09/05 12:32	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	430	11/09/05 12:32	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	430	11/09/05 12:32	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	430	11/09/05 12:32	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	430	11/09/05 12:32	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2200	11/09/05 12:32	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	430	11/09/05 12:32	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	430	11/09/05 12:32	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	430	11/09/05 12:32	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	430	11/09/05 12:32	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	430	11/09/05 12:32	BET	117-81-7		
Fluoranthene	ND	ug/kg	430	11/09/05 12:32	BET	206-44-0		
Fluorene	ND	ug/kg	430	11/09/05 12:32	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	430	11/09/05 12:32	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	430	11/09/05 12:32	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	430	11/09/05 12:32	BET	77-47-4		
Hexachloroethane	ND	ug/kg	430	11/09/05 12:32	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	430	11/09/05 12:32	BET	193-39-5		
Isophorone	ND	ug/kg	430	11/09/05 12:32	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	430	11/09/05 12:32	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	430	11/09/05 12:32	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	430	11/09/05 12:32	BET			
Naphthalene	ND	ug/kg	430	11/09/05 12:32	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2200	11/09/05 12:32	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2200	11/09/05 12:32	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2200	11/09/05 12:32	BET	100-01-6		
Nitrobenzene	ND	ug/kg	430	11/09/05 12:32	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	430	11/09/05 12:32	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2200	11/09/05 12:32	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	430	11/09/05 12:32	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	430	11/09/05 12:32	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2200	11/09/05 12:32	BET	87-86-5		
Phenanthrene	ND	ug/kg	430	11/09/05 12:32	BET	85-01-8		
Phenol	ND	ug/kg	430	11/09/05 12:32	BET	108-95-2		
Pyrene	ND	ug/kg	430	11/09/05 12:32	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	430	11/09/05 12:32	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	430	11/09/05 12:32	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	430	11/09/05 12:32	BET	88-06-2		

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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272667 Project Sample Number: 92106292-022 Date Collected: 10/27/05 14:30
 Client Sample ID: SB-19-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Nitrobenzene-d5 (S)	71	%		11/09/05 12:32	BET	4165-60-0		
2-Fluorobiphenyl (S)	62	%		11/09/05 12:32	BET	321-60-8		
Terphenyl-d14 (S)	77	%		11/09/05 12:32	BET	1718-51-0		
Phenol-d5 (S)	66	%		11/09/05 12:32	BET	4165-62-2		
2-Fluorophenol (S)	64	%		11/09/05 12:32	BET	367-12-4		
2,4,6-Tribromophenol (S)	72	%		11/09/05 12:32	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	120	11/02/05 19:33	DLK	67-64-1
Benzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	75-27-4
Bromoform	ND	ug/kg	5.9	11/02/05 19:33	DLK	75-25-2
Bromomethane	ND	ug/kg	12.	11/02/05 19:33	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	120	11/02/05 19:33	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.9	11/02/05 19:33	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	108-90-7
Chloroethane	ND	ug/kg	12.	11/02/05 19:33	DLK	75-00-3
Chloroform	ND	ug/kg	5.9	11/02/05 19:33	DLK	67-66-3
Chloromethane	ND	ug/kg	12.	11/02/05 19:33	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.9	11/02/05 19:33	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.9	11/02/05 19:33	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	11/02/05 19:33	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	11/02/05 19:33	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	12.	11/02/05 19:33	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.9	11/02/05 19:33	DLK	75-35-4

Date: 11/11/05

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272667 Project Sample Number: 92106292-022 Date Collected: 10/27/05 14:30
 Client Sample ID: SB-19-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.9	11/02/05 19:33	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.9	11/02/05 19:33	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.9	11/02/05 19:33	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.9	11/02/05 19:33	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.9	11/02/05 19:33	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.9	11/02/05 19:33	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.9	11/02/05 19:33	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.9	11/02/05 19:33	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.9	11/02/05 19:33	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	11/02/05 19:33	DLK	87-68-3		
2-Hexanone	ND	ug/kg	59.	11/02/05 19:33	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	11/02/05 19:33	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.9	11/02/05 19:33	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.9	11/02/05 19:33	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	59.	11/02/05 19:33	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.9	11/02/05 19:33	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.9	11/02/05 19:33	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	103-65-1		
Styrene	ND	ug/kg	5.9	11/02/05 19:33	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.9	11/02/05 19:33	DLK	127-18-4		
Toluene	ND	ug/kg	5.9	11/02/05 19:33	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.9	11/02/05 19:33	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.9	11/02/05 19:33	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.9	11/02/05 19:33	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	11/02/05 19:33	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	59.	11/02/05 19:33	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	11/02/05 19:33	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.9	11/02/05 19:33	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	11/02/05 19:33	DLK			
o-Xylene	ND	ug/kg	5.9	11/02/05 19:33	DLK	95-47-6		
Toluene-d8 (S)	101	%		11/02/05 19:33	DLK	2037-26-5		

Date: 11/11/05

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272667 Project Sample Number: 92106292-022 Date Collected: 10/27/05 14:30
 Client Sample ID: SB-19-12FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
4-Bromofluorobenzene (S)	101	%		11/02/05 19:33	DLK	460-00-4		
Dibromofluoromethane (S)	118	%		11/02/05 19:33	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	113	%		11/02/05 19:33	DLK	17060-07-0		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272675 Project Sample Number: 92106292-023 Date Collected: 10/27/05 14:40
 Client Sample ID: SB-20-15FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters Results Units Report Limit Analyzed By CAS No. Qual ReqLmt

Metals

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	57.	mg/kg	0.23	11/09/05 02:24	ALV	7440-47-3		
Lead	1.1	mg/kg	0.57	11/09/05 02:24	ALV	7439-92-1		
Date Digested	10/28/05 10:30			10/28/05 10:30				

Wet Chemistry

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Percent Moisture	Method: % Moisture							
Percent Moisture	16.5	%		10/27/05 17:51	TNS			

GC/MS Semivolatiles

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	400	11/09/05 13:07	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/09/05 13:07	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/09/05 13:07	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/09/05 13:07	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/09/05 13:07	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/09/05 13:07	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/09/05 13:07	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/09/05 13:07	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	790	11/09/05 13:07	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/09/05 13:07	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/09/05 13:07	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/09/05 13:07	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	790	11/09/05 13:07	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	790	11/09/05 13:07	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/09/05 13:07	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/09/05 13:07	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/09/05 13:07	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/09/05 13:07	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/09/05 13:07	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/09/05 13:07	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/09/05 13:07	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/09/05 13:07	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/09/05 13:07	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/09/05 13:07	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/09/05 13:07	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/09/05 13:07	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	790	11/09/05 13:07	BET	91-94-1		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272675 Project Sample Number: 92106292-023 Date Collected: 10/27/05 14:40
 Client Sample ID: SB-20-15FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
2,4-Dichlorophenol	ND	ug/kg	400	11/09/05 13:07	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/09/05 13:07	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/09/05 13:07	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/09/05 13:07	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/09/05 13:07	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/09/05 13:07	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/09/05 13:07	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/09/05 13:07	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/09/05 13:07	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/09/05 13:07	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/09/05 13:07	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/09/05 13:07	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/09/05 13:07	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/09/05 13:07	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/09/05 13:07	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/09/05 13:07	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/09/05 13:07	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/09/05 13:07	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/09/05 13:07	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/09/05 13:07	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/09/05 13:07	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/09/05 13:07	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/09/05 13:07	BET			
Naphthalene	ND	ug/kg	400	11/09/05 13:07	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/09/05 13:07	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/09/05 13:07	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/09/05 13:07	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/09/05 13:07	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/09/05 13:07	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/09/05 13:07	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/09/05 13:07	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/09/05 13:07	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/09/05 13:07	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/09/05 13:07	BET	85-01-8		
Phenol	ND	ug/kg	400	11/09/05 13:07	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/09/05 13:07	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/09/05 13:07	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/09/05 13:07	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/09/05 13:07	BET	88-06-2		

Date: 11/11/05

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272675 Project Sample Number: 92106292-023 Date Collected: 10/27/05 14:40
 Client Sample ID: SB-20-15FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Nitrobenzene-d5 (S)	66	%		11/09/05 13:07	BET	4165-60-0		
2-Fluorobiphenyl (S)	61	%		11/09/05 13:07	BET	321-60-8		
Terphenyl-d14 (S)	72	%		11/09/05 13:07	BET	1718-51-0		
Phenol-d5 (S)	53	%		11/09/05 13:07	BET	4165-62-2		
2-Fluorophenol (S)	42	%		11/09/05 13:07	BET	367-12-4		
2,4,6-Tribromophenol (S)	31	%		11/09/05 13:07	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Parameter	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	100	11/02/05 19:53	DLK	67-64-1
Benzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	75-27-4
Bromoform	ND	ug/kg	5.0	11/02/05 19:53	DLK	75-25-2
Bromomethane	ND	ug/kg	10.	11/02/05 19:53	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	100	11/02/05 19:53	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.0	11/02/05 19:53	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	108-90-7
Chloroethane	ND	ug/kg	10.	11/02/05 19:53	DLK	75-00-3
Chloroform	ND	ug/kg	5.0	11/02/05 19:53	DLK	67-66-3
Chloromethane	ND	ug/kg	10.	11/02/05 19:53	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.0	11/02/05 19:53	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.0	11/02/05 19:53	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	11/02/05 19:53	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	11/02/05 19:53	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	10.	11/02/05 19:53	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.0	11/02/05 19:53	DLK	75-35-4

Date: 11/11/05

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Asheville Certification IDs
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REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs
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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



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Pace Analytical Services, Inc.
 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272675 Project Sample Number: 92106292-023 Date Collected: 10/27/05 14:40
 Client Sample ID: SB-20-15FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.0	11/02/05 19:53	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.0	11/02/05 19:53	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.0	11/02/05 19:53	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.0	11/02/05 19:53	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.0	11/02/05 19:53	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.0	11/02/05 19:53	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.0	11/02/05 19:53	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.0	11/02/05 19:53	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.0	11/02/05 19:53	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	11/02/05 19:53	DLK	87-68-3		
2-Hexanone	ND	ug/kg	50.	11/02/05 19:53	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	11/02/05 19:53	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.0	11/02/05 19:53	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.0	11/02/05 19:53	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.	11/02/05 19:53	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.0	11/02/05 19:53	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.0	11/02/05 19:53	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	103-65-1		
Styrene	ND	ug/kg	5.0	11/02/05 19:53	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.0	11/02/05 19:53	DLK	127-18-4		
Toluene	ND	ug/kg	5.0	11/02/05 19:53	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.0	11/02/05 19:53	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.0	11/02/05 19:53	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.0	11/02/05 19:53	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	11/02/05 19:53	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	50.	11/02/05 19:53	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/02/05 19:53	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.0	11/02/05 19:53	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/02/05 19:53	DLK			
o-Xylene	ND	ug/kg	5.0	11/02/05 19:53	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/02/05 19:53	DLK	2037-26-5		

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Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

Lab Sample No: 926272675 Project Sample Number: 92106292-023 Date Collected: 10/27/05 14:40
 Client Sample ID: SB-20-15FT Matrix: Soil Date Received: 10/27/05 15:23

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
4-Bromofluorobenzene (S)	101	%		11/02/05 19:53	DLK	460-00-4		
Dibromofluoromethane (S)	110	%		11/02/05 19:53	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	110	%		11/02/05 19:53	DLK	17060-07-0		

Date: 11/11/05

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Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278334 Project Sample Number: 92106389-005 Date Collected: 10/27/05 16:10
Client Sample ID: SB-21 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	22.	mg/kg	0.23	11/03/05 12:25	SAJ	7440-47-3		
Lead	6.2	mg/kg	0.58	11/03/05 12:25	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	15.0	%		10/31/05 08:59	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	390	11/11/05 02:16	BET	83-32-9		
Acenaphthylene	ND	ug/kg	390	11/11/05 02:16	BET	208-96-8		
Anthracene	ND	ug/kg	390	11/11/05 02:16	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	390	11/11/05 02:16	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	390	11/11/05 02:16	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	390	11/11/05 02:16	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/11/05 02:16	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	390	11/11/05 02:16	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	780	11/11/05 02:16	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	390	11/11/05 02:16	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	390	11/11/05 02:16	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	390	11/11/05 02:16	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	780	11/11/05 02:16	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	780	11/11/05 02:16	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	390	11/11/05 02:16	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	390	11/11/05 02:16	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	390	11/11/05 02:16	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	390	11/11/05 02:16	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	390	11/11/05 02:16	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	390	11/11/05 02:16	BET	7005-72-3		
Chrysene	ND	ug/kg	390	11/11/05 02:16	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	390	11/11/05 02:16	BET	53-70-3		
Dibenzofuran	ND	ug/kg	390	11/11/05 02:16	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	390	11/11/05 02:16	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	390	11/11/05 02:16	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	390	11/11/05 02:16	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	780	11/11/05 02:16	BET	91-94-1		

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SC 99006
FI NFI AP F87627



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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278334 Project Sample Number: 92106389-005 Date Collected: 10/27/05 16:10
 Client Sample ID: SB-21 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	390	11/11/05 02:16	BET	120-83-2		
Diethylphthalate	ND	ug/kg	390	11/11/05 02:16	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	390	11/11/05 02:16	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	390	11/11/05 02:16	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	390	11/11/05 02:16	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	390	11/11/05 02:16	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/11/05 02:16	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	390	11/11/05 02:16	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	390	11/11/05 02:16	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	390	11/11/05 02:16	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	390	11/11/05 02:16	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	390	11/11/05 02:16	BET	117-81-7		
Fluoranthene	ND	ug/kg	390	11/11/05 02:16	BET	206-44-0		
Fluorene	ND	ug/kg	390	11/11/05 02:16	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	390	11/11/05 02:16	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	390	11/11/05 02:16	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	390	11/11/05 02:16	BET	77-47-4		
Hexachloroethane	ND	ug/kg	390	11/11/05 02:16	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	11/11/05 02:16	BET	193-39-5		
Isophorone	ND	ug/kg	390	11/11/05 02:16	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	390	11/11/05 02:16	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	390	11/11/05 02:16	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	390	11/11/05 02:16	BET			
Naphthalene	ND	ug/kg	390	11/11/05 02:16	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/11/05 02:16	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/11/05 02:16	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/11/05 02:16	BET	100-01-6		
Nitrobenzene	ND	ug/kg	390	11/11/05 02:16	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	390	11/11/05 02:16	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/11/05 02:16	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	390	11/11/05 02:16	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	390	11/11/05 02:16	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/11/05 02:16	BET	87-86-5		
Phenanthrene	ND	ug/kg	390	11/11/05 02:16	BET	85-01-8		
Phenol	ND	ug/kg	390	11/11/05 02:16	BET	108-95-2		
Pyrene	ND	ug/kg	390	11/11/05 02:16	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	390	11/11/05 02:16	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	390	11/11/05 02:16	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	390	11/11/05 02:16	BET	88-06-2		

Date: 11/14/05

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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278334 Project Sample Number: 92106389-005 Date Collected: 10/27/05 16:10
Client Sample ID: SB-21 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	62	%		11/11/05 02:16	BET	4165-60-0		
2-Fluorobiphenyl (S)	55	%		11/11/05 02:16	BET	321-60-8		
Terphenyl-d14 (S)	73	%		11/11/05 02:16	BET	1718-51-0		
Phenol-d5 (S)	53	%		11/11/05 02:16	BET	4165-62-2		
2-Fluorophenol (S)	46	%		11/11/05 02:16	BET	367-12-4		
2,4,6-Tribromophenol (S)	58	%		11/11/05 02:16	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	110	11/02/05 21:30	DLK	67-64-1
Benzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	75-27-4
Bromoform	ND	ug/kg	5.5	11/02/05 21:30	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/02/05 21:30	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/02/05 21:30	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.5	11/02/05 21:30	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/02/05 21:30	DLK	75-00-3
Chloroform	ND	ug/kg	5.5	11/02/05 21:30	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/02/05 21:30	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.5	11/02/05 21:30	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.5	11/02/05 21:30	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	11/02/05 21:30	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	11/02/05 21:30	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/02/05 21:30	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.5	11/02/05 21:30	DLK	75-35-4

Date: 11/14/05

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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278334 Project Sample Number: 92106389-005 Date Collected: 10/27/05 16:10
 Client Sample ID: SB-21 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.5	11/02/05 21:30	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.5	11/02/05 21:30	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.5	11/02/05 21:30	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.5	11/02/05 21:30	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.5	11/02/05 21:30	DLK	594-20-7		
1,1-Dichloropropane	ND	ug/kg	5.5	11/02/05 21:30	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.5	11/02/05 21:30	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.5	11/02/05 21:30	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.5	11/02/05 21:30	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	11/02/05 21:30	DLK	87-68-3		
2-Hexanone	ND	ug/kg	55.	11/02/05 21:30	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	11/02/05 21:30	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.5	11/02/05 21:30	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.5	11/02/05 21:30	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.	11/02/05 21:30	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.5	11/02/05 21:30	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.5	11/02/05 21:30	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	103-65-1		
Styrene	ND	ug/kg	5.5	11/02/05 21:30	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.5	11/02/05 21:30	DLK	127-18-4		
Toluene	ND	ug/kg	5.5	11/02/05 21:30	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.5	11/02/05 21:30	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.5	11/02/05 21:30	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.5	11/02/05 21:30	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	11/02/05 21:30	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	55.	11/02/05 21:30	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/02/05 21:30	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.5	11/02/05 21:30	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/02/05 21:30	DLK			
o-Xylene	ND	ug/kg	5.5	11/02/05 21:30	DLK	95-47-6		
Toluene-d8 (S)	100	%		11/02/05 21:30	DLK	2037-26-5		

Date: 11/14/05

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 SC Environmental 99030
 FL NELAP E87648

Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627





Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278334 Project Sample Number: 92106389-005 Date Collected: 10/27/05 16:10
 Client Sample ID: SB-21 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	93	%		11/02/05 21:30	DLK	460-00-4		
Dibromofluoromethane (S)	108	%		11/02/05 21:30	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	106	%		11/02/05 21:30	DLK	17060-07-0		

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Charlotte Certification IDs

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 SC 99006
 FL NELAP E87627

Lab Sample No: 926278326 Project Sample Number: 92106389-004 Date Collected: 10/27/05 15:50
Client Sample ID: SB-22 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	9.2	mg/kg	0.22	11/03/05 12:21	SAJ	7440-47-3		
Lead	6.9	mg/kg	0.55	11/03/05 12:21	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	9.2	%		10/31/05 08:59	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	360	11/11/05 01:04	BET	83-32-9		
Acenaphthylene	ND	ug/kg	360	11/11/05 01:04	BET	208-96-8		
Anthracene	ND	ug/kg	360	11/11/05 01:04	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	360	11/11/05 01:04	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	360	11/11/05 01:04	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	360	11/11/05 01:04	BET	56-55-3		
Benzoic acid	ND	ug/kg	1800	11/11/05 01:04	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	360	11/11/05 01:04	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	730	11/11/05 01:04	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	360	11/11/05 01:04	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	360	11/11/05 01:04	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	360	11/11/05 01:04	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	730	11/11/05 01:04	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	730	11/11/05 01:04	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	360	11/11/05 01:04	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	360	11/11/05 01:04	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	11/11/05 01:04	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	360	11/11/05 01:04	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	360	11/11/05 01:04	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	360	11/11/05 01:04	BET	7005-72-3		
Chrysene	ND	ug/kg	360	11/11/05 01:04	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	360	11/11/05 01:04	BET	53-70-3		
Dibenzofuran	ND	ug/kg	360	11/11/05 01:04	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	360	11/11/05 01:04	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	360	11/11/05 01:04	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	360	11/11/05 01:04	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	730	11/11/05 01:04	BET	91-94-1		

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Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
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 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278326 Project Sample Number: 92106389-004 Date Collected: 10/27/05 15:50
 Client Sample ID: SB-22 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	360	11/11/05 01:04	BET	120-83-2		
Diethylphthalate	ND	ug/kg	360	11/11/05 01:04	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	360	11/11/05 01:04	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	360	11/11/05 01:04	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	360	11/11/05 01:04	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	360	11/11/05 01:04	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1800	11/11/05 01:04	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	360	11/11/05 01:04	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	360	11/11/05 01:04	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	360	11/11/05 01:04	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	360	11/11/05 01:04	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	11/11/05 01:04	BET	117-81-7		
Fluoranthene	ND	ug/kg	360	11/11/05 01:04	BET	206-44-0		
Fluorene	ND	ug/kg	360	11/11/05 01:04	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	360	11/11/05 01:04	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	360	11/11/05 01:04	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	360	11/11/05 01:04	BET	77-47-4		
Hexachloroethane	ND	ug/kg	360	11/11/05 01:04	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	11/11/05 01:04	BET	193-39-5		
Isophorone	ND	ug/kg	360	11/11/05 01:04	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	360	11/11/05 01:04	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	360	11/11/05 01:04	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	360	11/11/05 01:04	BET			
Naphthalene	ND	ug/kg	360	11/11/05 01:04	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1800	11/11/05 01:04	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1800	11/11/05 01:04	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1800	11/11/05 01:04	BET	100-01-6		
Nitrobenzene	ND	ug/kg	360	11/11/05 01:04	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	360	11/11/05 01:04	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1800	11/11/05 01:04	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	360	11/11/05 01:04	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	360	11/11/05 01:04	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1800	11/11/05 01:04	BET	87-86-5		
Phenanthrene	ND	ug/kg	360	11/11/05 01:04	BET	85-01-8		
Phenol	ND	ug/kg	360	11/11/05 01:04	BET	108-95-2		
Pyrene	ND	ug/kg	360	11/11/05 01:04	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	360	11/11/05 01:04	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	360	11/11/05 01:04	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	360	11/11/05 01:04	BET	88-06-2		

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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278326 Project Sample Number: 92106389-004 Date Collected: 10/27/05 15:50
Client Sample ID: SB-22 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	58	%		11/11/05 01:04	BET	4165-60-0		
2-Fluorobiphenyl (S)	64	%		11/11/05 01:04	BET	321-60-8		
Terphenyl-d14 (S)	76	%		11/11/05 01:04	BET	1718-51-0		
Phenol-d5 (S)	54	%		11/11/05 01:04	BET	4165-62-2		
2-Fluorophenol (S)	49	%		11/11/05 01:04	BET	367-12-4		
2,4,6-Tribromophenol (S)	65	%		11/11/05 01:04	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	110	11/02/05 21:11	DLK	67-64-1
Benzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	75-27-4
Bromoform	ND	ug/kg	5.3	11/02/05 21:11	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/02/05 21:11	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/02/05 21:11	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.3	11/02/05 21:11	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/02/05 21:11	DLK	75-00-3
Chloroform	ND	ug/kg	5.3	11/02/05 21:11	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/02/05 21:11	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.3	11/02/05 21:11	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.3	11/02/05 21:11	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	11/02/05 21:11	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	11/02/05 21:11	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/02/05 21:11	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.3	11/02/05 21:11	DLK	75-35-4

Date: 11/14/05

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Lab Sample No: 926278326 Project Sample Number: 92106389-004 Date Collected: 10/27/05 15:50
Client Sample ID: SB-22 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.3	11/02/05 21:11	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.3	11/02/05 21:11	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.3	11/02/05 21:11	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.3	11/02/05 21:11	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.3	11/02/05 21:11	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.3	11/02/05 21:11	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.3	11/02/05 21:11	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.3	11/02/05 21:11	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.3	11/02/05 21:11	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	11/02/05 21:11	DLK	87-68-3		
2-Hexanone	ND	ug/kg	53.	11/02/05 21:11	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	11/02/05 21:11	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.3	11/02/05 21:11	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.3	11/02/05 21:11	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	53.	11/02/05 21:11	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.3	11/02/05 21:11	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.3	11/02/05 21:11	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	103-65-1		
Styrene	ND	ug/kg	5.3	11/02/05 21:11	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.3	11/02/05 21:11	DLK	127-18-4		
Toluene	ND	ug/kg	5.3	11/02/05 21:11	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.3	11/02/05 21:11	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.3	11/02/05 21:11	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.3	11/02/05 21:11	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	11/02/05 21:11	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	53.	11/02/05 21:11	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/02/05 21:11	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.3	11/02/05 21:11	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/02/05 21:11	DLK			
o-Xylene	ND	ug/kg	5.3	11/02/05 21:11	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/02/05 21:11	DLK	2037-26-5		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP E87648



Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278326 Project Sample Number: 92106389-004 Date Collected: 10/27/05 15:50
 Client Sample ID: SB-22 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	95	%		11/02/05 21:11	DLK	460-00-4		
Dibromofluoromethane (S)	112	%		11/02/05 21:11	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	110	%		11/02/05 21:11	DLK	17060-07-0		

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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627

Lab Sample No: 926278318 Project Sample Number: 92106389-003 Date Collected: 10/27/05 15:35
Client Sample ID: SB-23 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	8.6	mg/kg	0.22	11/03/05 12:17	SAJ	7440-47-3		
Lead	5.6	mg/kg	0.55	11/03/05 12:17	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	11.3	%		10/31/05 08:59		TNS		

GC/MS Semivolatiles

Semivolatile Organics								
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	370	11/11/05 00:28	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	11/11/05 00:28	BET	208-96-8		
Anthracene	ND	ug/kg	370	11/11/05 00:28	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	11/11/05 00:28	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	11/11/05 00:28	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	11/11/05 00:28	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/11/05 00:28	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	11/11/05 00:28	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	740	11/11/05 00:28	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	11/11/05 00:28	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	11/11/05 00:28	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	11/11/05 00:28	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	740	11/11/05 00:28	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	740	11/11/05 00:28	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	11/11/05 00:28	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	11/11/05 00:28	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	11/11/05 00:28	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	11/11/05 00:28	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	11/11/05 00:28	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	11/11/05 00:28	BET	7005-72-3		
Chrysene	ND	ug/kg	370	11/11/05 00:28	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	11/11/05 00:28	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	11/11/05 00:28	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	11/11/05 00:28	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	11/11/05 00:28	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	11/11/05 00:28	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	740	11/11/05 00:28	BET	91-94-1		

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Lab Sample No: 926278318 Project Sample Number: 92106389-003 Date Collected: 10/27/05 15:35
Client Sample ID: SB-23 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	370	11/11/05 00:28	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	11/11/05 00:28	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	11/11/05 00:28	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	11/11/05 00:28	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	11/11/05 00:28	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	11/11/05 00:28	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/11/05 00:28	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	11/11/05 00:28	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	11/11/05 00:28	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	11/11/05 00:28	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	11/11/05 00:28	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	11/11/05 00:28	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	11/11/05 00:28	BET	206-44-0		
Fluorene	ND	ug/kg	370	11/11/05 00:28	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	11/11/05 00:28	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	11/11/05 00:28	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	11/11/05 00:28	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	11/11/05 00:28	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	11/11/05 00:28	BET	193-39-5		
Isophorone	ND	ug/kg	370	11/11/05 00:28	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	11/11/05 00:28	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	11/11/05 00:28	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	11/11/05 00:28	BET			
Naphthalene	ND	ug/kg	370	11/11/05 00:28	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/11/05 00:28	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/11/05 00:28	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/11/05 00:28	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	11/11/05 00:28	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	11/11/05 00:28	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/11/05 00:28	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	11/11/05 00:28	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	11/11/05 00:28	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/11/05 00:28	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	11/11/05 00:28	BET	85-01-8		
Phenol	ND	ug/kg	370	11/11/05 00:28	BET	108-95-2		
Pyrene	ND	ug/kg	370	11/11/05 00:28	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	11/11/05 00:28	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	11/11/05 00:28	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	11/11/05 00:28	BET	88-06-2		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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SC Environmental 99030
FL NELAP E87648

Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627





Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278318 Project Sample Number: 92106389-003 Date Collected: 10/27/05 15:35
 Client Sample ID: SB-23 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	68	%		11/11/05 00:28	BET	4165-60-0		
2-Fluorobiphenyl (S)	64	%		11/11/05 00:28	BET	321-60-8		
Terphenyl-d14 (S)	76	%		11/11/05 00:28	BET	1718-51-0		
Phenol-d5 (S)	59	%		11/11/05 00:28	BET	4165-62-2		
2-Fluorophenol (S)	51	%		11/11/05 00:28	BET	367-12-4		
2,4,6-Tribromophenol (S)	56	%		11/11/05 00:28	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 Low Level Method: EPA 8260

Acetone	ND	ug/kg	100	11/02/05 20:51	DLK	67-64-1		
Benzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	75-27-4		
Bromoform	ND	ug/kg	5.2	11/02/05 20:51	DLK	75-25-2		
Bromomethane	ND	ug/kg	10.	11/02/05 20:51	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	100	11/02/05 20:51	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.2	11/02/05 20:51	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	108-90-7		
Chloroethane	ND	ug/kg	10.	11/02/05 20:51	DLK	75-00-3		
Chloroform	ND	ug/kg	5.2	11/02/05 20:51	DLK	67-66-3		
Chloromethane	ND	ug/kg	10.	11/02/05 20:51	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.2	11/02/05 20:51	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.2	11/02/05 20:51	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	11/02/05 20:51	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	11/02/05 20:51	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	10.	11/02/05 20:51	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.2	11/02/05 20:51	DLK	75-35-4		

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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627

Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278318 Project Sample Number: 92106389-003 Date Collected: 10/27/05 15:35
Client Sample ID: SB-23 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.2	11/02/05 20:51	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.2	11/02/05 20:51	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.2	11/02/05 20:51	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.2	11/02/05 20:51	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.2	11/02/05 20:51	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.2	11/02/05 20:51	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.2	11/02/05 20:51	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.2	11/02/05 20:51	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.2	11/02/05 20:51	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	11/02/05 20:51	DLK	87-68-3		
2-Hexanone	ND	ug/kg	52.	11/02/05 20:51	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	11/02/05 20:51	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.2	11/02/05 20:51	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.2	11/02/05 20:51	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.	11/02/05 20:51	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.2	11/02/05 20:51	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.2	11/02/05 20:51	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	103-65-1		
Styrene	ND	ug/kg	5.2	11/02/05 20:51	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.2	11/02/05 20:51	DLK	127-18-4		
Toluene	ND	ug/kg	5.2	11/02/05 20:51	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.2	11/02/05 20:51	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.2	11/02/05 20:51	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.2	11/02/05 20:51	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	11/02/05 20:51	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	52.	11/02/05 20:51	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/02/05 20:51	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.2	11/02/05 20:51	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/02/05 20:51	DLK			
o-Xylene	ND	ug/kg	5.2	11/02/05 20:51	DLK	95-47-6		
Toluene-d8 (S)	101	%		11/02/05 20:51	DLK	2037-26-5		

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NC Drinking Water 37706
SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278318 Project Sample Number: 92106389-003 Date Collected: 10/27/05 15:35
 Client Sample ID: SB-23 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	102	%		11/02/05 20:51	DLK	460-00-4		
Dibromofluoromethane (S)	108	%		11/02/05 20:51	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		11/02/05 20:51	DLK	17060-07-0		

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Charlotte Certification IDs

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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627

Lab Sample No: 926278300 Project Sample Number: 92106389-002 Date Collected: 10/27/05 15:30
Client Sample ID: SB-24 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	7.5	mg/kg	0.23	11/03/05 12:13	SAJ	7440-47-3		
Lead	3.8	mg/kg	0.58	11/03/05 12:13	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	14.2	%		10/31/05 08:58		TNS		

GC/MS Semivolatiles

Semivolatile Organics								
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	380	11/10/05 23:52	BET	83-32-9		
Acenaphthylene	ND	ug/kg	380	11/10/05 23:52	BET	208-96-8		
Anthracene	ND	ug/kg	380	11/10/05 23:52	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	380	11/10/05 23:52	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	380	11/10/05 23:52	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	380	11/10/05 23:52	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/10/05 23:52	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	380	11/10/05 23:52	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	770	11/10/05 23:52	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	380	11/10/05 23:52	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	380	11/10/05 23:52	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	380	11/10/05 23:52	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	770	11/10/05 23:52	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	770	11/10/05 23:52	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	380	11/10/05 23:52	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	380	11/10/05 23:52	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	11/10/05 23:52	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	380	11/10/05 23:52	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	380	11/10/05 23:52	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	380	11/10/05 23:52	BET	7005-72-3		
Chrysene	ND	ug/kg	380	11/10/05 23:52	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	380	11/10/05 23:52	BET	53-70-3		
Dibenzofuran	ND	ug/kg	380	11/10/05 23:52	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	380	11/10/05 23:52	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	380	11/10/05 23:52	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	380	11/10/05 23:52	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	770	11/10/05 23:52	BET	91-94-1		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278300 Project Sample Number: 92106389-002 Date Collected: 10/27/05 15:30
Client Sample ID: SB-24 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	380	11/10/05 23:52	BET	120-83-2		
Diethylphthalate	ND	ug/kg	380	11/10/05 23:52	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	380	11/10/05 23:52	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	380	11/10/05 23:52	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	380	11/10/05 23:52	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	380	11/10/05 23:52	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/10/05 23:52	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	380	11/10/05 23:52	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	380	11/10/05 23:52	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	380	11/10/05 23:52	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	380	11/10/05 23:52	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	11/10/05 23:52	BET	117-81-7		
Fluoranthene	ND	ug/kg	380	11/10/05 23:52	BET	206-44-0		
Fluorene	ND	ug/kg	380	11/10/05 23:52	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	380	11/10/05 23:52	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	380	11/10/05 23:52	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	380	11/10/05 23:52	BET	77-47-4		
Hexachloroethane	ND	ug/kg	380	11/10/05 23:52	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	11/10/05 23:52	BET	193-39-5		
Isophorone	ND	ug/kg	380	11/10/05 23:52	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	380	11/10/05 23:52	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	380	11/10/05 23:52	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	380	11/10/05 23:52	BET			
Naphthalene	ND	ug/kg	380	11/10/05 23:52	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/10/05 23:52	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/10/05 23:52	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/10/05 23:52	BET	100-01-6		
Nitrobenzene	ND	ug/kg	380	11/10/05 23:52	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	380	11/10/05 23:52	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/10/05 23:52	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	380	11/10/05 23:52	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	380	11/10/05 23:52	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/10/05 23:52	BET	87-86-5		
Phenanthrene	ND	ug/kg	380	11/10/05 23:52	BET	85-01-8		
Phenol	ND	ug/kg	380	11/10/05 23:52	BET	108-95-2		
Pyrene	ND	ug/kg	380	11/10/05 23:52	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	380	11/10/05 23:52	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	380	11/10/05 23:52	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	380	11/10/05 23:52	BET	88-06-2		

Date: 11/14/05

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278300 Project Sample Number: 92106389-002 Date Collected: 10/27/05 15:30
 Client Sample ID: SB-24 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	52	%		11/10/05 23:52	BET	4165-60-0		
2-Fluorobiphenyl (S)	50	%		11/10/05 23:52	BET	321-60-8		
Terphenyl-d14 (S)	63	%		11/10/05 23:52	BET	1718-51-0		
Phenol-d5 (S)	47	%		11/10/05 23:52	BET	4165-62-2		
2-Fluorophenol (S)	44	%		11/10/05 23:52	BET	367-12-4		
2,4,6-Tribromophenol (S)	57	%		11/10/05 23:52	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Acetone	ND	ug/kg	100	11/02/05 20:32	DLK	67-64-1		
Benzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	75-27-4		
Bromoform	ND	ug/kg	5.1	11/02/05 20:32	DLK	75-25-2		
Bromomethane	ND	ug/kg	10.	11/02/05 20:32	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	100	11/02/05 20:32	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.1	11/02/05 20:32	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	108-90-7		
Chloroethane	ND	ug/kg	10.	11/02/05 20:32	DLK	75-00-3		
Chloroform	ND	ug/kg	5.1	11/02/05 20:32	DLK	67-66-3		
Chloromethane	ND	ug/kg	10.	11/02/05 20:32	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.1	11/02/05 20:32	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.1	11/02/05 20:32	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	11/02/05 20:32	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	11/02/05 20:32	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	10.	11/02/05 20:32	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.1	11/02/05 20:32	DLK	75-35-4		

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REPORT OF LABORATORY ANALYSIS

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 FL NELAP E87648

Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278300 Project Sample Number: 92106389-002 Date Collected: 10/27/05 15:30
Client Sample ID: SB-24 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.1	11/02/05 20:32	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	11/02/05 20:32	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	11/02/05 20:32	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	11/02/05 20:32	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.1	11/02/05 20:32	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.1	11/02/05 20:32	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	11/02/05 20:32	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	11/02/05 20:32	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	11/02/05 20:32	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	11/02/05 20:32	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	11/02/05 20:32	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	11/02/05 20:32	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	11/02/05 20:32	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	11/02/05 20:32	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	11/02/05 20:32	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	11/02/05 20:32	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	11/02/05 20:32	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	11/02/05 20:32	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	11/02/05 20:32	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	11/02/05 20:32	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	11/02/05 20:32	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	11/02/05 20:32	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	11/02/05 20:32	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	11/02/05 20:32	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	11/02/05 20:32	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/02/05 20:32	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.1	11/02/05 20:32	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/02/05 20:32	DLK			
o-Xylene	ND	ug/kg	5.1	11/02/05 20:32	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/02/05 20:32	DLK	2037-26-5		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278300 Project Sample Number: 92106389-002 Date Collected: 10/27/05 15:30
 Client Sample ID: SB-24 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	103	%		11/02/05 20:32	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		11/02/05 20:32	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		11/02/05 20:32	DLK	17060-07-0		

Date: 11/14/05

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 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Solid results are reported on a dry weight basis

Lab Sample No: 926278292 Project Sample Number: 92106389-001 Date Collected: 10/27/05 15:00
 Client Sample ID: SB-25 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	32.	mg/kg	0.23	11/03/05 12:09	SAJ	7440-47-3		
Lead	0.79	mg/kg	0.57	11/03/05 12:09	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	17.5	%		10/31/05 08:43	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	400	11/10/05 23:16	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/10/05 23:16	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/10/05 23:16	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/10/05 23:16	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/10/05 23:16	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/10/05 23:16	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/10/05 23:16	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/10/05 23:16	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	800	11/10/05 23:16	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/10/05 23:16	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/10/05 23:16	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/10/05 23:16	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	800	11/10/05 23:16	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	800	11/10/05 23:16	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/10/05 23:16	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/10/05 23:16	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/10/05 23:16	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/10/05 23:16	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/10/05 23:16	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/10/05 23:16	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/10/05 23:16	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/10/05 23:16	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/10/05 23:16	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/10/05 23:16	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/10/05 23:16	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/10/05 23:16	BET	106-46-7		

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Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278292 Project Sample Number: 92106389-001 Date Collected: 10/27/05 15:00
Client Sample ID: SB-25 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
3,3'-Dichlorobenzidine	ND	ug/kg	800	11/10/05 23:16	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	400	11/10/05 23:16	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/10/05 23:16	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/10/05 23:16	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/10/05 23:16	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/10/05 23:16	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/10/05 23:16	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/10/05 23:16	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/10/05 23:16	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/10/05 23:16	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/10/05 23:16	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/10/05 23:16	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/10/05 23:16	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/10/05 23:16	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/10/05 23:16	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/10/05 23:16	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/10/05 23:16	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/10/05 23:16	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/10/05 23:16	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/10/05 23:16	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/10/05 23:16	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/10/05 23:16	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/10/05 23:16	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/10/05 23:16	BET			
Naphthalene	ND	ug/kg	400	11/10/05 23:16	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/10/05 23:16	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/10/05 23:16	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/10/05 23:16	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/10/05 23:16	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/10/05 23:16	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/10/05 23:16	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/10/05 23:16	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/10/05 23:16	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/10/05 23:16	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/10/05 23:16	BET	85-01-8		
Phenol	ND	ug/kg	400	11/10/05 23:16	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/10/05 23:16	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/10/05 23:16	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/10/05 23:16	BET	95-95-4		

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Charlotte Certification IDs

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NC Drinking Water 37706
SC 99006
FI NFI AP F87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278292 Project Sample Number: 92106389-001 Date Collected: 10/27/05 15:00
Client Sample ID: SB-25 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4,6-Trichlorophenol	ND	ug/kg	400	11/10/05 23:16	BET	88-06-2		
Nitrobenzene-d5 (S)	62	%		11/10/05 23:16	BET	4165-60-0		
2-Fluorobiphenyl (S)	56	%		11/10/05 23:16	BET	321-60-8		
Terphenyl-d14 (S)	70	%		11/10/05 23:16	BET	1718-51-0		
Phenol-d5 (S)	58	%		11/10/05 23:16	BET	4165-62-2		
2-Fluorophenol (S)	52	%		11/10/05 23:16	BET	367-12-4		
2,4,6-Tribromophenol (S)	55	%		11/10/05 23:16	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Acetone	ND	ug/kg	100	11/02/05 20:12	DLK	67-64-1		
Benzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	75-27-4		
Bromoform	ND	ug/kg	5.1	11/02/05 20:12	DLK	75-25-2		
Bromomethane	ND	ug/kg	10.	11/02/05 20:12	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	100	11/02/05 20:12	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.1	11/02/05 20:12	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	108-90-7		
Chloroethane	ND	ug/kg	10.	11/02/05 20:12	DLK	75-00-3		
Chloroform	ND	ug/kg	5.1	11/02/05 20:12	DLK	67-66-3		
Chloromethane	ND	ug/kg	10.	11/02/05 20:12	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.1	11/02/05 20:12	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.1	11/02/05 20:12	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	11/02/05 20:12	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	11/02/05 20:12	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	10.	11/02/05 20:12	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	107-06-2		

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SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278292 Project Sample Number: 92106389-001 Date Collected: 10/27/05 15:00
 Client Sample ID: SB-25 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/kg	5.1	11/02/05 20:12	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.1	11/02/05 20:12	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	11/02/05 20:12	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	11/02/05 20:12	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	11/02/05 20:12	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.1	11/02/05 20:12	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.1	11/02/05 20:12	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	11/02/05 20:12	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	11/02/05 20:12	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	11/02/05 20:12	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	11/02/05 20:12	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	11/02/05 20:12	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	11/02/05 20:12	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	11/02/05 20:12	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	11/02/05 20:12	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	11/02/05 20:12	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	11/02/05 20:12	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	11/02/05 20:12	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	11/02/05 20:12	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	11/02/05 20:12	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	11/02/05 20:12	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	11/02/05 20:12	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	11/02/05 20:12	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	11/02/05 20:12	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	11/02/05 20:12	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	11/02/05 20:12	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/02/05 20:12	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.1	11/02/05 20:12	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/02/05 20:12	DLK			
o-Xylene	ND	ug/kg	5.1	11/02/05 20:12	DLK	95-47-6		

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Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278292 Project Sample Number: 92106389-001 Date Collected: 10/27/05 15:00
 Client Sample ID: SB-25 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	103	%		11/02/05 20:12	DLK	2037-26-5		
4-Bromofluorobenzene (S)	100	%		11/02/05 20:12	DLK	460-00-4		
Dibromofluoromethane (S)	121	%		11/02/05 20:12	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	116	%		11/02/05 20:12	DLK	17060-07-0		

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Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278367 Project Sample Number: 92106389-008 Date Collected: 10/27/05 16:55
Client Sample ID: SB-26 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	47.	mg/kg	0.21	11/03/05 13:13	SAJ	7440-47-3		
Lead	3.3	mg/kg	0.53	11/03/05 13:13	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	8.6	%		10/31/05 09:00	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	360	11/11/05 03:27	BET	83-32-9		
Acenaphthylene	ND	ug/kg	360	11/11/05 03:27	BET	208-96-8		
Anthracene	ND	ug/kg	360	11/11/05 03:27	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	360	11/11/05 03:27	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	360	11/11/05 03:27	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	360	11/11/05 03:27	BET	56-55-3		
Benzoic acid	ND	ug/kg	1800	11/11/05 03:27	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	360	11/11/05 03:27	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	720	11/11/05 03:27	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	360	11/11/05 03:27	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	360	11/11/05 03:27	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	360	11/11/05 03:27	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	720	11/11/05 03:27	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	720	11/11/05 03:27	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	360	11/11/05 03:27	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	360	11/11/05 03:27	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	11/11/05 03:27	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	360	11/11/05 03:27	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	360	11/11/05 03:27	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	360	11/11/05 03:27	BET	7005-72-3		
Chrysene	ND	ug/kg	360	11/11/05 03:27	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	360	11/11/05 03:27	BET	53-70-3		
Dibenzofuran	ND	ug/kg	360	11/11/05 03:27	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	360	11/11/05 03:27	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	360	11/11/05 03:27	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	360	11/11/05 03:27	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	720	11/11/05 03:27	BET	91-94-1		

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Pace Analytical Services, Inc.
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 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278367 Project Sample Number: 92106389-008 Date Collected: 10/27/05 16:55
 Client Sample ID: SB-26 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	360	11/11/05 03:27	BET	120-83-2		
Diethylphthalate	ND	ug/kg	360	11/11/05 03:27	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	360	11/11/05 03:27	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	360	11/11/05 03:27	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	360	11/11/05 03:27	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	360	11/11/05 03:27	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1800	11/11/05 03:27	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	360	11/11/05 03:27	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	360	11/11/05 03:27	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	360	11/11/05 03:27	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	360	11/11/05 03:27	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	11/11/05 03:27	BET	117-81-7		
Fluoranthene	ND	ug/kg	360	11/11/05 03:27	BET	206-44-0		
Fluorene	ND	ug/kg	360	11/11/05 03:27	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	360	11/11/05 03:27	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	360	11/11/05 03:27	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	360	11/11/05 03:27	BET	77-47-4		
Hexachloroethane	ND	ug/kg	360	11/11/05 03:27	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	11/11/05 03:27	BET	193-39-5		
Isophorone	ND	ug/kg	360	11/11/05 03:27	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	360	11/11/05 03:27	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	360	11/11/05 03:27	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	360	11/11/05 03:27	BET			
Naphthalene	ND	ug/kg	360	11/11/05 03:27	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1800	11/11/05 03:27	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1800	11/11/05 03:27	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1800	11/11/05 03:27	BET	100-01-6		
Nitrobenzene	ND	ug/kg	360	11/11/05 03:27	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	360	11/11/05 03:27	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1800	11/11/05 03:27	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	360	11/11/05 03:27	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	360	11/11/05 03:27	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1800	11/11/05 03:27	BET	87-86-5		
Phenanthrene	ND	ug/kg	360	11/11/05 03:27	BET	85-01-8		
Phenol	ND	ug/kg	360	11/11/05 03:27	BET	108-95-2		
Pyrene	ND	ug/kg	360	11/11/05 03:27	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	360	11/11/05 03:27	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	360	11/11/05 03:27	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	360	11/11/05 03:27	BET	88-06-2		

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 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278367 Project Sample Number: 92106389-008 Date Collected: 10/27/05 16:55
 Client Sample ID: SB-26 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	65	%		11/11/05 03:27	BET	4165-60-0		
2-Fluorobiphenyl (S)	60	%		11/11/05 03:27	BET	321-60-8		
Terphenyl-d14 (S)	73	%		11/11/05 03:27	BET	1718-51-0		
Phenol-d5 (S)	51	%		11/11/05 03:27	BET	4165-62-2		
2-Fluorophenol (S)	39	%		11/11/05 03:27	BET	367-12-4		
2,4,6-Tribromophenol (S)	38	%		11/11/05 03:27	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	100	11/02/05 22:29	DLK	67-64-1
Benzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	75-27-4
Bromoform	ND	ug/kg	5.0	11/02/05 22:29	DLK	75-25-2
Bromomethane	ND	ug/kg	10.	11/02/05 22:29	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	100	11/02/05 22:29	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.0	11/02/05 22:29	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	108-90-7
Chloroethane	ND	ug/kg	10.	11/02/05 22:29	DLK	75-00-3
Chloroform	ND	ug/kg	5.0	11/02/05 22:29	DLK	67-66-3
Chloromethane	ND	ug/kg	10.	11/02/05 22:29	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.0	11/02/05 22:29	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.0	11/02/05 22:29	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	11/02/05 22:29	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	11/02/05 22:29	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	10.	11/02/05 22:29	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.0	11/02/05 22:29	DLK	75-35-4

Date: 11/14/05

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 NC Drinking Water 37712
 SC Environmental 99030
 FL NELAP E87648

Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278367 Project Sample Number: 92106389-008 Date Collected: 10/27/05 16:55
Client Sample ID: SB-26 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.0	11/02/05 22:29	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.0	11/02/05 22:29	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.0	11/02/05 22:29	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.0	11/02/05 22:29	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.0	11/02/05 22:29	DLK	594-20-7		
1,1-Dichloropropane	ND	ug/kg	5.0	11/02/05 22:29	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.0	11/02/05 22:29	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.0	11/02/05 22:29	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.0	11/02/05 22:29	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	11/02/05 22:29	DLK	87-68-3		
2-Hexanone	ND	ug/kg	50.	11/02/05 22:29	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	11/02/05 22:29	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.0	11/02/05 22:29	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.0	11/02/05 22:29	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.	11/02/05 22:29	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.0	11/02/05 22:29	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.0	11/02/05 22:29	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	103-65-1		
Styrene	ND	ug/kg	5.0	11/02/05 22:29	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.0	11/02/05 22:29	DLK	127-18-4		
Toluene	ND	ug/kg	5.0	11/02/05 22:29	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.0	11/02/05 22:29	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.0	11/02/05 22:29	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.0	11/02/05 22:29	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	11/02/05 22:29	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	50.	11/02/05 22:29	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/02/05 22:29	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.0	11/02/05 22:29	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/02/05 22:29	DLK			
o-Xylene	ND	ug/kg	5.0	11/02/05 22:29	DLK	95-47-6		
Toluene-d8 (S)	101	%		11/02/05 22:29	DLK	2037-26-5		

Date: 11/14/05

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FL NELAP E87627





Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278367 Project Sample Number: 92106389-008 Date Collected: 10/27/05 16:55
 Client Sample ID: SB-26 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	100	%		11/02/05 22:29	DLK	460-00-4		
Dibromofluoromethane (S)	113	%		11/02/05 22:29	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	109	%		11/02/05 22:29	DLK	17060-07-0		

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Charlotte Certification IDs

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 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627

Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278375 Project Sample Number: 92106389-009 Date Collected: 10/27/05 17:00
Client Sample ID: SB-27 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	110	mg/kg	0.21	11/03/05 13:19	SAJ	7440-47-3		
Lead	ND	mg/kg	0.52	11/03/05 13:19	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	3.6	%		10/31/05 09:01	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	340	11/11/05 04:02	BET	83-32-9		
Acenaphthylene	ND	ug/kg	340	11/11/05 04:02	BET	208-96-8		
Anthracene	ND	ug/kg	340	11/11/05 04:02	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	340	11/11/05 04:02	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	340	11/11/05 04:02	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	340	11/11/05 04:02	BET	56-55-3		
Benzoic acid	ND	ug/kg	1700	11/11/05 04:02	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	340	11/11/05 04:02	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	680	11/11/05 04:02	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	340	11/11/05 04:02	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	340	11/11/05 04:02	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	340	11/11/05 04:02	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	680	11/11/05 04:02	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	680	11/11/05 04:02	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	340	11/11/05 04:02	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	340	11/11/05 04:02	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	340	11/11/05 04:02	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	340	11/11/05 04:02	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	340	11/11/05 04:02	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	340	11/11/05 04:02	BET	7005-72-3		
Chrysene	ND	ug/kg	340	11/11/05 04:02	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	340	11/11/05 04:02	BET	53-70-3		
Dibenzofuran	ND	ug/kg	340	11/11/05 04:02	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	340	11/11/05 04:02	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	340	11/11/05 04:02	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	340	11/11/05 04:02	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	680	11/11/05 04:02	BET	91-94-1		

Date: 11/14/05

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FL NELAP E87627

Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278375 Project Sample Number: 92106389-009 Date Collected: 10/27/05 17:00
Client Sample ID: SB-27 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	340	11/11/05 04:02	BET	120-83-2		
Diethylphthalate	ND	ug/kg	340	11/11/05 04:02	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	340	11/11/05 04:02	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	340	11/11/05 04:02	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	340	11/11/05 04:02	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	340	11/11/05 04:02	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1700	11/11/05 04:02	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	340	11/11/05 04:02	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	340	11/11/05 04:02	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	340	11/11/05 04:02	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	340	11/11/05 04:02	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	340	11/11/05 04:02	BET	117-81-7		
Fluoranthene	ND	ug/kg	340	11/11/05 04:02	BET	206-44-0		
Fluorene	ND	ug/kg	340	11/11/05 04:02	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	340	11/11/05 04:02	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	340	11/11/05 04:02	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	340	11/11/05 04:02	BET	77-47-4		
Hexachloroethane	ND	ug/kg	340	11/11/05 04:02	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	340	11/11/05 04:02	BET	193-39-5		
Isophorone	ND	ug/kg	340	11/11/05 04:02	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	340	11/11/05 04:02	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	340	11/11/05 04:02	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	340	11/11/05 04:02	BET			
Naphthalene	ND	ug/kg	340	11/11/05 04:02	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1700	11/11/05 04:02	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1700	11/11/05 04:02	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1700	11/11/05 04:02	BET	100-01-6		
Nitrobenzene	ND	ug/kg	340	11/11/05 04:02	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	340	11/11/05 04:02	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1700	11/11/05 04:02	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	340	11/11/05 04:02	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	340	11/11/05 04:02	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1700	11/11/05 04:02	BET	87-86-5		
Phenanthrene	ND	ug/kg	340	11/11/05 04:02	BET	85-01-8		
Phenol	ND	ug/kg	340	11/11/05 04:02	BET	108-95-2		
Pyrene	ND	ug/kg	340	11/11/05 04:02	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	340	11/11/05 04:02	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	340	11/11/05 04:02	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	340	11/11/05 04:02	BET	88-06-2		

Date: 11/14/05

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 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278375 Project Sample Number: 92106389-009 Date Collected: 10/27/05 17:00
 Client Sample ID: SB-27 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	70	%		11/11/05 04:02	BET	4165-60-0		
2-Fluorobiphenyl (S)	59	%		11/11/05 04:02	BET	321-60-8		
Terphenyl-d14 (S)	80	%		11/11/05 04:02	BET	1718-51-0		
Phenol-d5 (S)	60	%		11/11/05 04:02	BET	4165-62-2		
2-Fluorophenol (S)	55	%		11/11/05 04:02	BET	367-12-4		
2,4,6-Tribromophenol (S)	58	%		11/11/05 04:02	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Acetone	ND	ug/kg	81.	11/02/05 22:49	DLK	67-64-1		
Benzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	75-27-4		
Bromoform	ND	ug/kg	4.1	11/02/05 22:49	DLK	75-25-2		
Bromomethane	ND	ug/kg	8.1	11/02/05 22:49	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	81.	11/02/05 22:49	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.1	11/02/05 22:49	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	108-90-7		
Chloroethane	ND	ug/kg	8.1	11/02/05 22:49	DLK	75-00-3		
Chloroform	ND	ug/kg	4.1	11/02/05 22:49	DLK	67-66-3		
Chloromethane	ND	ug/kg	8.1	11/02/05 22:49	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.1	11/02/05 22:49	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.1	11/02/05 22:49	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	11/02/05 22:49	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	11/02/05 22:49	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	8.1	11/02/05 22:49	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.1	11/02/05 22:49	DLK	75-35-4		

Date: 11/14/05

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 FL NELAP E87648

Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627





Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278375 Project Sample Number: 92106389-009 Date Collected: 10/27/05 17:00
 Client Sample ID: SB-27 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	4.1	11/02/05 22:49	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.1	11/02/05 22:49	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.1	11/02/05 22:49	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.1	11/02/05 22:49	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.1	11/02/05 22:49	DLK	594-20-7		
1,1-Dichloropropane	ND	ug/kg	4.1	11/02/05 22:49	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.1	11/02/05 22:49	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.1	11/02/05 22:49	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.1	11/02/05 22:49	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	11/02/05 22:49	DLK	87-68-3		
2-Hexanone	ND	ug/kg	41.	11/02/05 22:49	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	11/02/05 22:49	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.1	11/02/05 22:49	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.1	11/02/05 22:49	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.	11/02/05 22:49	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.1	11/02/05 22:49	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.1	11/02/05 22:49	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	103-65-1		
Styrene	ND	ug/kg	4.1	11/02/05 22:49	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.1	11/02/05 22:49	DLK	127-18-4		
Toluene	ND	ug/kg	4.1	11/02/05 22:49	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.1	11/02/05 22:49	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.1	11/02/05 22:49	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.1	11/02/05 22:49	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	11/02/05 22:49	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	41.	11/02/05 22:49	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.1	11/02/05 22:49	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.1	11/02/05 22:49	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	8.1	11/02/05 22:49	DLK			
o-Xylene	ND	ug/kg	4.1	11/02/05 22:49	DLK	95-47-6		
Toluene-d8 (S)	99	%		11/02/05 22:49	DLK	2037-26-5		

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Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278375 Project Sample Number: 92106389-009 Date Collected: 10/27/05 17:00
 Client Sample ID: SB-27 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	96	%		11/02/05 22:49	DLK	460-00-4		
Dibromofluoromethane (S)	115	%		11/02/05 22:49	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	113	%		11/02/05 22:49	DLK	17060-07-0		

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 FL NELAP E87627

Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278383 Project Sample Number: 92106389-010 Date Collected: 10/27/05 17:05
Client Sample ID: SB-28 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	14.	mg/kg	0.26	11/03/05 13:24	SAJ	7440-47-3		
Lead	2.7	mg/kg	0.65	11/03/05 13:24	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	21.6	%		10/31/05 09:01	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	420	11/11/05 04:37	BET	83-32-9		
Acenaphthylene	ND	ug/kg	420	11/11/05 04:37	BET	208-96-8		
Anthracene	ND	ug/kg	420	11/11/05 04:37	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	420	11/11/05 04:37	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	420	11/11/05 04:37	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	420	11/11/05 04:37	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	11/11/05 04:37	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	420	11/11/05 04:37	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	840	11/11/05 04:37	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	420	11/11/05 04:37	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	420	11/11/05 04:37	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	420	11/11/05 04:37	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	840	11/11/05 04:37	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	840	11/11/05 04:37	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	420	11/11/05 04:37	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	420	11/11/05 04:37	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	420	11/11/05 04:37	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	420	11/11/05 04:37	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	420	11/11/05 04:37	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	420	11/11/05 04:37	BET	7005-72-3		
Chrysene	ND	ug/kg	420	11/11/05 04:37	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	420	11/11/05 04:37	BET	53-70-3		
Dibenzofuran	ND	ug/kg	420	11/11/05 04:37	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	420	11/11/05 04:37	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	420	11/11/05 04:37	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	420	11/11/05 04:37	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	840	11/11/05 04:37	BET	91-94-1		

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Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278383 Project Sample Number: 92106389-010 Date Collected: 10/27/05 17:05
Client Sample ID: SB-28 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	420	11/11/05 04:37	BET	120-83-2		
Diethylphthalate	ND	ug/kg	420	11/11/05 04:37	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	420	11/11/05 04:37	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	420	11/11/05 04:37	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	420	11/11/05 04:37	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	420	11/11/05 04:37	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2100	11/11/05 04:37	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	420	11/11/05 04:37	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	420	11/11/05 04:37	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	420	11/11/05 04:37	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	420	11/11/05 04:37	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	420	11/11/05 04:37	BET	117-81-7		
Fluoranthene	ND	ug/kg	420	11/11/05 04:37	BET	206-44-0		
Fluorene	ND	ug/kg	420	11/11/05 04:37	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	420	11/11/05 04:37	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	420	11/11/05 04:37	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	420	11/11/05 04:37	BET	77-47-4		
Hexachloroethane	ND	ug/kg	420	11/11/05 04:37	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420	11/11/05 04:37	BET	193-39-5		
Isophorone	ND	ug/kg	420	11/11/05 04:37	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	420	11/11/05 04:37	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	420	11/11/05 04:37	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	420	11/11/05 04:37	BET			
Naphthalene	ND	ug/kg	420	11/11/05 04:37	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2100	11/11/05 04:37	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2100	11/11/05 04:37	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	11/11/05 04:37	BET	100-01-6		
Nitrobenzene	ND	ug/kg	420	11/11/05 04:37	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	420	11/11/05 04:37	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	11/11/05 04:37	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	420	11/11/05 04:37	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	420	11/11/05 04:37	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	11/11/05 04:37	BET	87-86-5		
Phenanthrene	ND	ug/kg	420	11/11/05 04:37	BET	85-01-8		
Phenol	ND	ug/kg	420	11/11/05 04:37	BET	108-95-2		
Pyrene	ND	ug/kg	420	11/11/05 04:37	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	420	11/11/05 04:37	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	420	11/11/05 04:37	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	420	11/11/05 04:37	BET	88-06-2		

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Charlotte Certification IDs
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FL NELAP E87627

Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278383 Project Sample Number: 92106389-010 Date Collected: 10/27/05 17:05
Client Sample ID: SB-28 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	70	%		11/11/05 04:37	BET	4165-60-0		
2-Fluorobiphenyl (S)	60	%		11/11/05 04:37	BET	321-60-8		
Terphenyl-d14 (S)	66	%		11/11/05 04:37	BET	1718-51-0		
Phenol-d5 (S)	59	%		11/11/05 04:37	BET	4165-62-2		
2-Fluorophenol (S)	50	%		11/11/05 04:37	BET	367-12-4		
2,4,6-Tribromophenol (S)	45	%		11/11/05 04:37	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	110	11/02/05 23:08	DLK	67-64-1
Benzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	75-27-4
Bromoform	ND	ug/kg	5.6	11/02/05 23:08	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/02/05 23:08	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/02/05 23:08	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.6	11/02/05 23:08	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/02/05 23:08	DLK	75-00-3
Chloroform	ND	ug/kg	5.6	11/02/05 23:08	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/02/05 23:08	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.6	11/02/05 23:08	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.6	11/02/05 23:08	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	11/02/05 23:08	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	11/02/05 23:08	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/02/05 23:08	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.6	11/02/05 23:08	DLK	75-35-4

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FL NELAP E87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278383 Project Sample Number: 92106389-010 Date Collected: 10/27/05 17:05
Client Sample ID: SB-28 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.6	11/02/05 23:08	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.6	11/02/05 23:08	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.6	11/02/05 23:08	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.6	11/02/05 23:08	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.6	11/02/05 23:08	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.6	11/02/05 23:08	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.6	11/02/05 23:08	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.6	11/02/05 23:08	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.6	11/02/05 23:08	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	11/02/05 23:08	DLK	87-68-3		
2-Hexanone	ND	ug/kg	56.	11/02/05 23:08	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	11/02/05 23:08	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.6	11/02/05 23:08	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.6	11/02/05 23:08	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.	11/02/05 23:08	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.6	11/02/05 23:08	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.6	11/02/05 23:08	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	103-65-1		
Styrene	ND	ug/kg	5.6	11/02/05 23:08	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.6	11/02/05 23:08	DLK	127-18-4		
Toluene	ND	ug/kg	5.6	11/02/05 23:08	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.6	11/02/05 23:08	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.6	11/02/05 23:08	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.6	11/02/05 23:08	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	11/02/05 23:08	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	56.	11/02/05 23:08	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/02/05 23:08	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.6	11/02/05 23:08	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/02/05 23:08	DLK			
o-Xylene	ND	ug/kg	5.6	11/02/05 23:08	DLK	95-47-6		
Toluene-d8 (S)	100	%		11/02/05 23:08	DLK	2037-26-5		

Date: 11/14/05

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NC Drinking Water 37706
SC 99006
FL NELAP E87627





Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278383 Project Sample Number: 92106389-010 Date Collected: 10/27/05 17:05
 Client Sample ID: SB-28 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	99	%		11/02/05 23:08	DLK	460-00-4		
Dibromofluoromethane (S)	113	%		11/02/05 23:08	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	108	%		11/02/05 23:08	DLK	17060-07-0		

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 SC 99006
 FL NELAP E87627

Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278342 Project Sample Number: 92106389-006 Date Collected: 10/27/05 16:30
Client Sample ID: SB-29 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
------------	---------	-------	--------------	----------	----	---------	------	--------

Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	180	mg/kg	0.26	11/03/05 12:28	SAJ	7440-47-3		
Lead	0.70	mg/kg	0.64	11/03/05 12:28	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	26.4	%		10/31/05 08:59	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	450	11/11/05 02:51	BET	83-32-9		
Acenaphthylene	ND	ug/kg	450	11/11/05 02:51	BET	208-96-8		
Anthracene	ND	ug/kg	450	11/11/05 02:51	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	450	11/11/05 02:51	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	450	11/11/05 02:51	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	450	11/11/05 02:51	BET	56-55-3		
Benzoic acid	ND	ug/kg	2200	11/11/05 02:51	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	450	11/11/05 02:51	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	900	11/11/05 02:51	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	450	11/11/05 02:51	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	450	11/11/05 02:51	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	450	11/11/05 02:51	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	900	11/11/05 02:51	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	900	11/11/05 02:51	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	450	11/11/05 02:51	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	450	11/11/05 02:51	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	450	11/11/05 02:51	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	450	11/11/05 02:51	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	450	11/11/05 02:51	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	450	11/11/05 02:51	BET	7005-72-3		
Chrysene	ND	ug/kg	450	11/11/05 02:51	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	450	11/11/05 02:51	BET	53-70-3		
Dibenzofuran	ND	ug/kg	450	11/11/05 02:51	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	450	11/11/05 02:51	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	450	11/11/05 02:51	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	450	11/11/05 02:51	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	900	11/11/05 02:51	BET	91-94-1		

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 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278342 Project Sample Number: 92106389-006 Date Collected: 10/27/05 16:30
 Client Sample ID: SB-29 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	450	11/11/05 02:51	BET	120-83-2		
Diethylphthalate	ND	ug/kg	450	11/11/05 02:51	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	450	11/11/05 02:51	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	450	11/11/05 02:51	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	450	11/11/05 02:51	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	450	11/11/05 02:51	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2200	11/11/05 02:51	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	450	11/11/05 02:51	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	450	11/11/05 02:51	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	450	11/11/05 02:51	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	450	11/11/05 02:51	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	450	11/11/05 02:51	BET	117-81-7		
Fluoranthene	ND	ug/kg	450	11/11/05 02:51	BET	206-44-0		
Fluorene	ND	ug/kg	450	11/11/05 02:51	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	450	11/11/05 02:51	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	450	11/11/05 02:51	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	450	11/11/05 02:51	BET	77-47-4		
Hexachloroethane	ND	ug/kg	450	11/11/05 02:51	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	450	11/11/05 02:51	BET	193-39-5		
Isophorone	ND	ug/kg	450	11/11/05 02:51	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	450	11/11/05 02:51	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	450	11/11/05 02:51	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	450	11/11/05 02:51	BET			
Naphthalene	ND	ug/kg	450	11/11/05 02:51	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2200	11/11/05 02:51	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2200	11/11/05 02:51	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2200	11/11/05 02:51	BET	100-01-6		
Nitrobenzene	ND	ug/kg	450	11/11/05 02:51	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	450	11/11/05 02:51	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2200	11/11/05 02:51	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	450	11/11/05 02:51	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	450	11/11/05 02:51	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2200	11/11/05 02:51	BET	87-86-5		
Phenanthrene	ND	ug/kg	450	11/11/05 02:51	BET	85-01-8		
Phenol	ND	ug/kg	450	11/11/05 02:51	BET	108-95-2		
Pyrene	ND	ug/kg	450	11/11/05 02:51	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	450	11/11/05 02:51	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	450	11/11/05 02:51	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	450	11/11/05 02:51	BET	88-06-2		

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 FI NELAP F87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278342 Project Sample Number: 92106389-006 Date Collected: 10/27/05 16:30
Client Sample ID: SB-29 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	10	%		11/11/05 02:51	BET	4165-60-0	1	
2-Fluorobiphenyl (S)	10	%		11/11/05 02:51	BET	321-60-8	1	
Terphenyl-d14 (S)	16	%		11/11/05 02:51	BET	1718-51-0	1	
Phenol-d5 (S)	6	%		11/11/05 02:51	BET	4165-62-2	1	
2-Fluorophenol (S)	5	%		11/11/05 02:51	BET	367-12-4	1	
2,4,6-Tribromophenol (S)	7	%		11/11/05 02:51	BET	118-79-6	1	
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	290	11/02/05 21:50	DLK	67-64-1
Benzene	ND	ug/kg	14.	11/02/05 21:50	DLK	71-43-2
Bromobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	108-86-1
Bromochloromethane	ND	ug/kg	14.	11/02/05 21:50	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	14.	11/02/05 21:50	DLK	75-27-4
Bromoform	ND	ug/kg	14.	11/02/05 21:50	DLK	75-25-2
Bromomethane	ND	ug/kg	29.	11/02/05 21:50	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	290	11/02/05 21:50	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	14.	11/02/05 21:50	DLK	56-23-5
Chlorobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	108-90-7
Chloroethane	ND	ug/kg	29.	11/02/05 21:50	DLK	75-00-3
Chloroform	ND	ug/kg	14.	11/02/05 21:50	DLK	67-66-3
Chloromethane	ND	ug/kg	29.	11/02/05 21:50	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	14.	11/02/05 21:50	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	14.	11/02/05 21:50	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.	11/02/05 21:50	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	14.	11/02/05 21:50	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	14.	11/02/05 21:50	DLK	106-93-4
Dibromomethane	ND	ug/kg	14.	11/02/05 21:50	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	29.	11/02/05 21:50	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	14.	11/02/05 21:50	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	14.	11/02/05 21:50	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	14.	11/02/05 21:50	DLK	75-35-4

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 9800 Kincey Avenue, Suite 100
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 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278342 Project Sample Number: 92106389-006 Date Collected: 10/27/05 16:30
 Client Sample ID: SB-29 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	14.	11/02/05 21:50	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	14.	11/02/05 21:50	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	14.	11/02/05 21:50	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	14.	11/02/05 21:50	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	14.	11/02/05 21:50	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	14.	11/02/05 21:50	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	14.	11/02/05 21:50	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	14.	11/02/05 21:50	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	14.	11/02/05 21:50	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	14.	11/02/05 21:50	DLK	87-68-3		
2-Hexanone	ND	ug/kg	140	11/02/05 21:50	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	14.	11/02/05 21:50	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	14.	11/02/05 21:50	DLK	99-87-6		
Methylene chloride	ND	ug/kg	14.	11/02/05 21:50	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	140	11/02/05 21:50	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	14.	11/02/05 21:50	DLK	1634-04-4		
Naphthalene	ND	ug/kg	14.	11/02/05 21:50	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	103-65-1		
Styrene	ND	ug/kg	14.	11/02/05 21:50	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	14.	11/02/05 21:50	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	14.	11/02/05 21:50	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	14.	11/02/05 21:50	DLK	127-18-4		
Toluene	ND	ug/kg	14.	11/02/05 21:50	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	14.	11/02/05 21:50	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	14.	11/02/05 21:50	DLK	79-00-5		
Trichloroethene	ND	ug/kg	14.	11/02/05 21:50	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	14.	11/02/05 21:50	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	14.	11/02/05 21:50	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	14.	11/02/05 21:50	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	140	11/02/05 21:50	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	29.	11/02/05 21:50	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	14.	11/02/05 21:50	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	29.	11/02/05 21:50	DLK			
o-Xylene	ND	ug/kg	14.	11/02/05 21:50	DLK	95-47-6		
Toluene-d8 (S)	100	%		11/02/05 21:50	DLK	2037-26-5		

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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278342 Project Sample Number: 92106389-006 Date Collected: 10/27/05 16:30
 Client Sample ID: SB-29 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	101	%		11/02/05 21:50	DLK	460-00-4		
Dibromofluoromethane (S)	113	%		11/02/05 21:50	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	100	%		11/02/05 21:50	DLK	17060-07-0		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 SC Environmental 99030
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Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278359 Project Sample Number: 92106389-007 Date Collected: 10/27/05 16:40
 Client Sample ID: SB-30 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	120	mg/kg	0.25	11/03/05 12:32	SAJ	7440-47-3		
Lead	ND	mg/kg	0.64	11/03/05 12:32	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	19.9	%		10/31/05 09:00	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	410	11/11/05 06:59	BET	83-32-9		
Acenaphthylene	ND	ug/kg	410	11/11/05 06:59	BET	208-96-8		
Anthracene	ND	ug/kg	410	11/11/05 06:59	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	410	11/11/05 06:59	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	410	11/11/05 06:59	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	410	11/11/05 06:59	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	11/11/05 06:59	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	410	11/11/05 06:59	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	820	11/11/05 06:59	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	410	11/11/05 06:59	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	410	11/11/05 06:59	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	410	11/11/05 06:59	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	820	11/11/05 06:59	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	820	11/11/05 06:59	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	410	11/11/05 06:59	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	410	11/11/05 06:59	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	410	11/11/05 06:59	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	410	11/11/05 06:59	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	410	11/11/05 06:59	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	410	11/11/05 06:59	BET	7005-72-3		
Chrysene	ND	ug/kg	410	11/11/05 06:59	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	410	11/11/05 06:59	BET	53-70-3		
Dibenzofuran	ND	ug/kg	410	11/11/05 06:59	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	410	11/11/05 06:59	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	410	11/11/05 06:59	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	410	11/11/05 06:59	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	820	11/11/05 06:59	BET	91-94-1		

Date: 11/14/05

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 SC 99006
 FL NELAP E87627





Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278359 Project Sample Number: 92106389-007 Date Collected: 10/27/05 16:40
 Client Sample ID: SB-30 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	410	11/11/05 06:59	BET	120-83-2		
Diethylphthalate	ND	ug/kg	410	11/11/05 06:59	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	410	11/11/05 06:59	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	410	11/11/05 06:59	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	410	11/11/05 06:59	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	410	11/11/05 06:59	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2100	11/11/05 06:59	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	410	11/11/05 06:59	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	410	11/11/05 06:59	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	410	11/11/05 06:59	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	410	11/11/05 06:59	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	11/11/05 06:59	BET	117-81-7		
Fluoranthene	ND	ug/kg	410	11/11/05 06:59	BET	206-44-0		
Fluorene	ND	ug/kg	410	11/11/05 06:59	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	410	11/11/05 06:59	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	410	11/11/05 06:59	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	410	11/11/05 06:59	BET	77-47-4		
Hexachloroethane	ND	ug/kg	410	11/11/05 06:59	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	11/11/05 06:59	BET	193-39-5		
Isophorone	ND	ug/kg	410	11/11/05 06:59	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	410	11/11/05 06:59	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	410	11/11/05 06:59	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	410	11/11/05 06:59	BET			
Naphthalene	ND	ug/kg	410	11/11/05 06:59	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2100	11/11/05 06:59	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2100	11/11/05 06:59	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	11/11/05 06:59	BET	100-01-6		
Nitrobenzene	ND	ug/kg	410	11/11/05 06:59	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	410	11/11/05 06:59	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	11/11/05 06:59	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	410	11/11/05 06:59	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	410	11/11/05 06:59	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	11/11/05 06:59	BET	87-86-5		
Phenanthrene	ND	ug/kg	410	11/11/05 06:59	BET	85-01-8		
Phenol	ND	ug/kg	410	11/11/05 06:59	BET	108-95-2		
Pyrene	ND	ug/kg	410	11/11/05 06:59	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	410	11/11/05 06:59	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	410	11/11/05 06:59	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	410	11/11/05 06:59	BET	88-06-2		

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Charlotte Certification IDs
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 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278359 Project Sample Number: 92106389-007 Date Collected: 10/27/05 16:40
Client Sample ID: SB-30 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	40	%		11/11/05 06:59	BET	4165-60-0		
2-Fluorobiphenyl (S)	45	%		11/11/05 06:59	BET	321-60-8		
Terphenyl-d14 (S)	62	%		11/11/05 06:59	BET	1718-51-0		
Phenol-d5 (S)	30	%		11/11/05 06:59	BET	4165-62-2	2	
2-Fluorophenol (S)	18	%		11/11/05 06:59	BET	367-12-4		
2,4,6-Tribromophenol (S)	30	%		11/11/05 06:59	BET	118-79-6		
Date Extracted	11/05/05			11/05/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Result	Unit	Report Limit	Date	Time	Lab	CAS No.
Acetone	ND	ug/kg	110	11/02/05	22:10	DLK	67-64-1
Benzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.5	11/02/05	22:10	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.5	11/02/05	22:10	DLK	75-27-4
Bromoform	ND	ug/kg	5.5	11/02/05	22:10	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/02/05	22:10	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/02/05	22:10	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.5	11/02/05	22:10	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/02/05	22:10	DLK	75-00-3
Chloroform	ND	ug/kg	5.5	11/02/05	22:10	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/02/05	22:10	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.5	11/02/05	22:10	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.5	11/02/05	22:10	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	11/02/05	22:10	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.5	11/02/05	22:10	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	11/02/05	22:10	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.5	11/02/05	22:10	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.5	11/02/05	22:10	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/02/05	22:10	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.5	11/02/05	22:10	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.5	11/02/05	22:10	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.5	11/02/05	22:10	DLK	75-35-4

Date: 11/14/05

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627



Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278359 Project Sample Number: 92106389-007 Date Collected: 10/27/05 16:40
Client Sample ID: SB-30 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.5	11/02/05 22:10	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.5	11/02/05 22:10	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.5	11/02/05 22:10	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.5	11/02/05 22:10	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.5	11/02/05 22:10	DLK	594-20-7		
1,1-Dichloropropane	ND	ug/kg	5.5	11/02/05 22:10	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.5	11/02/05 22:10	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.5	11/02/05 22:10	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.5	11/02/05 22:10	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.5	11/02/05 22:10	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	11/02/05 22:10	DLK	87-68-3		
2-Hexanone	ND	ug/kg	55.	11/02/05 22:10	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	11/02/05 22:10	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.5	11/02/05 22:10	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.5	11/02/05 22:10	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.	11/02/05 22:10	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.5	11/02/05 22:10	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.5	11/02/05 22:10	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.5	11/02/05 22:10	DLK	103-65-1		
Styrene	ND	ug/kg	5.5	11/02/05 22:10	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	11/02/05 22:10	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	11/02/05 22:10	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.5	11/02/05 22:10	DLK	127-18-4		
Toluene	ND	ug/kg	5.5	11/02/05 22:10	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	11/02/05 22:10	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	11/02/05 22:10	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.5	11/02/05 22:10	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.5	11/02/05 22:10	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.5	11/02/05 22:10	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.5	11/02/05 22:10	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.5	11/02/05 22:10	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	11/02/05 22:10	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	11/02/05 22:10	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	55.	11/02/05 22:10	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/02/05 22:10	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.5	11/02/05 22:10	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/02/05 22:10	DLK			
o-Xylene	ND	ug/kg	5.5	11/02/05 22:10	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/02/05 22:10	DLK	2037-26-5		

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 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278359 Project Sample Number: 92106389-007 Date Collected: 10/27/05 16:40
 Client Sample ID: SB-30 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	102	%		11/02/05 22:10	DLK	460-00-4		
Dibromofluoromethane (S)	111	%		11/02/05 22:10	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	104	%		11/02/05 22:10	DLK	17060-07-0		

Date: 11/14/05

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Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
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 FL NELAP E87627

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288515 Project Sample Number: 92106545-007 Date Collected: 10/31/05 13:40
Client Sample ID: SB-51-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	5.6	mg/kg	0.21	11/10/05 10:11	ALV	7440-47-3		
Lead	3.7	mg/kg	0.54	11/10/05 10:11	ALV	7439-92-1		
Date Digested	11/02/05 12:00			11/02/05 12:00				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	13.6	%		11/02/05 10:43	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	380	11/13/05 03:47	BET	83-32-9		
Acenaphthylene	ND	ug/kg	380	11/13/05 03:47	BET	208-96-8		
Anthracene	ND	ug/kg	380	11/13/05 03:47	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	380	11/13/05 03:47	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	380	11/13/05 03:47	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	380	11/13/05 03:47	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/13/05 03:47	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	380	11/13/05 03:47	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	760	11/13/05 03:47	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	380	11/13/05 03:47	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	380	11/13/05 03:47	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	380	11/13/05 03:47	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	760	11/13/05 03:47	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	760	11/13/05 03:47	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	380	11/13/05 03:47	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	380	11/13/05 03:47	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	11/13/05 03:47	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	380	11/13/05 03:47	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	380	11/13/05 03:47	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	380	11/13/05 03:47	BET	7005-72-3		
Chrysene	ND	ug/kg	380	11/13/05 03:47	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	380	11/13/05 03:47	BET	53-70-3		
Dibenzofuran	ND	ug/kg	380	11/13/05 03:47	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	380	11/13/05 03:47	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	380	11/13/05 03:47	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	380	11/13/05 03:47	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	760	11/13/05 03:47	BET	91-94-1		

Date: 11/14/05

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SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288515 Project Sample Number: 92106545-007 Date Collected: 10/31/05 13:40
 Client Sample ID: SB-51-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	380	11/13/05 03:47	BET	120-83-2		
Diethylphthalate	ND	ug/kg	380	11/13/05 03:47	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	380	11/13/05 03:47	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	380	11/13/05 03:47	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	380	11/13/05 03:47	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	380	11/13/05 03:47	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/13/05 03:47	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	380	11/13/05 03:47	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	380	11/13/05 03:47	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	380	11/13/05 03:47	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	380	11/13/05 03:47	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	11/13/05 03:47	BET	117-81-7		
Fluoranthene	ND	ug/kg	380	11/13/05 03:47	BET	206-44-0		
Fluorene	ND	ug/kg	380	11/13/05 03:47	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	380	11/13/05 03:47	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	380	11/13/05 03:47	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	380	11/13/05 03:47	BET	77-47-4		
Hexachloroethane	ND	ug/kg	380	11/13/05 03:47	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	11/13/05 03:47	BET	193-39-5		
Isophorone	ND	ug/kg	380	11/13/05 03:47	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	380	11/13/05 03:47	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	380	11/13/05 03:47	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	380	11/13/05 03:47	BET			
Naphthalene	ND	ug/kg	380	11/13/05 03:47	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/13/05 03:47	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/13/05 03:47	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/13/05 03:47	BET	100-01-6		
Nitrobenzene	ND	ug/kg	380	11/13/05 03:47	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	380	11/13/05 03:47	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/13/05 03:47	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	380	11/13/05 03:47	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	380	11/13/05 03:47	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/13/05 03:47	BET	87-86-5		
Phenanthrene	ND	ug/kg	380	11/13/05 03:47	BET	85-01-8		
Phenol	ND	ug/kg	380	11/13/05 03:47	BET	108-95-2		
Pyrene	ND	ug/kg	380	11/13/05 03:47	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	380	11/13/05 03:47	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	380	11/13/05 03:47	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	380	11/13/05 03:47	BET	88-06-2		

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288515 Project Sample Number: 92106545-007 Date Collected: 10/31/05 13:40
 Client Sample ID: SB-51-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Nitrobenzene-d5 (S)	60	%		11/13/05 03:47	BET	4165-60-0		
2-Fluorobiphenyl (S)	50	%		11/13/05 03:47	BET	321-60-8		
Terphenyl-d14 (S)	78	%		11/13/05 03:47	BET	1718-51-0		
Phenol-d5 (S)	51	%		11/13/05 03:47	BET	4165-62-2		
2-Fluorophenol (S)	42	%		11/13/05 03:47	BET	367-12-4		
2,4,6-Tribromophenol (S)	48	%		11/13/05 03:47	BET	118-79-6		
Date Extracted	11/09/05			11/09/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	94.	11/09/05 07:02	DLK	67-64-1
Benzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	71-43-2
Bromobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	108-86-1
Bromochloromethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	75-27-4
Bromoform	ND	ug/kg	4.7	11/09/05 07:02	DLK	75-25-2
Bromomethane	ND	ug/kg	9.4	11/09/05 07:02	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	94.	11/09/05 07:02	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	4.7	11/09/05 07:02	DLK	56-23-5
Chlorobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	108-90-7
Chloroethane	ND	ug/kg	9.4	11/09/05 07:02	DLK	75-00-3
Chloroform	ND	ug/kg	4.7	11/09/05 07:02	DLK	67-66-3
Chloromethane	ND	ug/kg	9.4	11/09/05 07:02	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	4.7	11/09/05 07:02	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	4.7	11/09/05 07:02	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	11/09/05 07:02	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	11/09/05 07:02	DLK	106-93-4
Dibromomethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	9.4	11/09/05 07:02	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	4.7	11/09/05 07:02	DLK	75-35-4

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Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288515 Project Sample Number: 92106545-007 Date Collected: 10/31/05 13:40
Client Sample ID: SB-51-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	4.7	11/09/05 07:02	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.7	11/09/05 07:02	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.7	11/09/05 07:02	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.7	11/09/05 07:02	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.7	11/09/05 07:02	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.7	11/09/05 07:02	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.7	11/09/05 07:02	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.7	11/09/05 07:02	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.7	11/09/05 07:02	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	11/09/05 07:02	DLK	87-68-3		
2-Hexanone	ND	ug/kg	47.	11/09/05 07:02	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	11/09/05 07:02	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.7	11/09/05 07:02	DLK	99-87-6		
Methylene chloride	8.2	ug/kg	4.7	11/09/05 07:02	DLK	75-09-2	2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.	11/09/05 07:02	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.7	11/09/05 07:02	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.7	11/09/05 07:02	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	103-65-1		
Styrene	ND	ug/kg	4.7	11/09/05 07:02	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.7	11/09/05 07:02	DLK	127-18-4		
Toluene	ND	ug/kg	4.7	11/09/05 07:02	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.7	11/09/05 07:02	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.7	11/09/05 07:02	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.7	11/09/05 07:02	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	11/09/05 07:02	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	47.	11/09/05 07:02	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.4	11/09/05 07:02	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.7	11/09/05 07:02	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.4	11/09/05 07:02	DLK			
o-Xylene	ND	ug/kg	4.7	11/09/05 07:02	DLK	95-47-6		
Toluene-d8 (S)	100	%		11/09/05 07:02	DLK	2037-26-5		

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288515 Project Sample Number: 92106545-007 Date Collected: 10/31/05 13:40
 Client Sample ID: SB-51-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	95	%		11/09/05 07:02	DLK	460-00-4		
Dibromofluoromethane (S)	106	%		11/09/05 07:02	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		11/09/05 07:02	DLK	17060-07-0		

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288523 Project Sample Number: 92106545-008 Date Collected: 10/31/05 14:15
 Client Sample ID: SB-52-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	9.5	mg/kg	0.22	11/10/05 10:23	ALV	7440-47-3		
Lead	3.9	mg/kg	0.56	11/10/05 10:23	ALV	7439-92-1		
Date Digested	11/02/05 12:00			11/02/05 12:00				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	11.9	%		11/02/05 10:43		TNS		

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	370	11/13/05 04:58	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	11/13/05 04:58	BET	208-96-8		
Anthracene	ND	ug/kg	370	11/13/05 04:58	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	11/13/05 04:58	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	11/13/05 04:58	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	11/13/05 04:58	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/13/05 04:58	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	11/13/05 04:58	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	750	11/13/05 04:58	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	11/13/05 04:58	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	11/13/05 04:58	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	11/13/05 04:58	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	750	11/13/05 04:58	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	750	11/13/05 04:58	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	11/13/05 04:58	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	11/13/05 04:58	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	11/13/05 04:58	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	11/13/05 04:58	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	11/13/05 04:58	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	11/13/05 04:58	BET	7005-72-3		
Chrysene	ND	ug/kg	370	11/13/05 04:58	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	11/13/05 04:58	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	11/13/05 04:58	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	11/13/05 04:58	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	11/13/05 04:58	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	11/13/05 04:58	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	750	11/13/05 04:58	BET	91-94-1		

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288523 Project Sample Number: 92106545-008 Date Collected: 10/31/05 14:15
 Client Sample ID: SB-52-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	370	11/13/05 04:58	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	11/13/05 04:58	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	11/13/05 04:58	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	11/13/05 04:58	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	11/13/05 04:58	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	11/13/05 04:58	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/13/05 04:58	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	11/13/05 04:58	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	11/13/05 04:58	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	11/13/05 04:58	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	11/13/05 04:58	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	11/13/05 04:58	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	11/13/05 04:58	BET	206-44-0		
Fluorene	ND	ug/kg	370	11/13/05 04:58	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	11/13/05 04:58	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	11/13/05 04:58	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	11/13/05 04:58	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	11/13/05 04:58	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	11/13/05 04:58	BET	193-39-5		
Isophorone	ND	ug/kg	370	11/13/05 04:58	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	11/13/05 04:58	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	11/13/05 04:58	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	11/13/05 04:58	BET			
Naphthalene	ND	ug/kg	370	11/13/05 04:58	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/13/05 04:58	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/13/05 04:58	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/13/05 04:58	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	11/13/05 04:58	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	11/13/05 04:58	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/13/05 04:58	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	11/13/05 04:58	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	11/13/05 04:58	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/13/05 04:58	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	11/13/05 04:58	BET	85-01-8		
Phenol	ND	ug/kg	370	11/13/05 04:58	BET	108-95-2		
Pyrene	ND	ug/kg	370	11/13/05 04:58	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	11/13/05 04:58	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	11/13/05 04:58	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	11/13/05 04:58	BET	88-06-2		

Date: 11/14/05

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Charlotte Certification IDs
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 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288523 Project Sample Number: 92106545-008 Date Collected: 10/31/05 14:15
 Client Sample ID: SB-52-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	71	%		11/13/05 04:58	BET	4165-60-0		
2-Fluorobiphenyl (S)	64	%		11/13/05 04:58	BET	321-60-8		
Terphenyl-d14 (S)	82	%		11/13/05 04:58	BET	1718-51-0		
Phenol-d5 (S)	64	%		11/13/05 04:58	BET	4165-62-2		
2-Fluorophenol (S)	54	%		11/13/05 04:58	BET	367-12-4		
2,4,6-Tribromophenol (S)	56	%		11/13/05 04:58	BET	118-79-6		
Date Extracted	11/09/05			11/09/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	95.	11/09/05 07:22	DLK	67-64-1
Benzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	71-43-2
Bromobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	108-86-1
Bromochloromethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	75-27-4
Bromoform	ND	ug/kg	4.8	11/09/05 07:22	DLK	75-25-2
Bromomethane	ND	ug/kg	9.5	11/09/05 07:22	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	95.	11/09/05 07:22	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	4.8	11/09/05 07:22	DLK	56-23-5
Chlorobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	108-90-7
Chloroethane	ND	ug/kg	9.5	11/09/05 07:22	DLK	75-00-3
Chloroform	ND	ug/kg	4.8	11/09/05 07:22	DLK	67-66-3
Chloromethane	ND	ug/kg	9.5	11/09/05 07:22	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	4.8	11/09/05 07:22	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	4.8	11/09/05 07:22	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	11/09/05 07:22	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	11/09/05 07:22	DLK	106-93-4
Dibromomethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	9.5	11/09/05 07:22	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	4.8	11/09/05 07:22	DLK	75-35-4

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 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627



Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288523 Project Sample Number: 92106545-008 Date Collected: 10/31/05 14:15
Client Sample ID: SB-52-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	4.8	11/09/05 07:22	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.8	11/09/05 07:22	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.8	11/09/05 07:22	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.8	11/09/05 07:22	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.8	11/09/05 07:22	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.8	11/09/05 07:22	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.8	11/09/05 07:22	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.8	11/09/05 07:22	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.8	11/09/05 07:22	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	11/09/05 07:22	DLK	87-68-3		
2-Hexanone	ND	ug/kg	48.	11/09/05 07:22	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	11/09/05 07:22	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.8	11/09/05 07:22	DLK	99-87-6		
Methylene chloride	9.4	ug/kg	4.8	11/09/05 07:22	DLK	75-09-2	2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.	11/09/05 07:22	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.8	11/09/05 07:22	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.8	11/09/05 07:22	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	103-65-1		
Styrene	ND	ug/kg	4.8	11/09/05 07:22	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.8	11/09/05 07:22	DLK	127-18-4		
Toluene	ND	ug/kg	4.8	11/09/05 07:22	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.8	11/09/05 07:22	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.8	11/09/05 07:22	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.8	11/09/05 07:22	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	11/09/05 07:22	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	48.	11/09/05 07:22	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.5	11/09/05 07:22	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.8	11/09/05 07:22	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.5	11/09/05 07:22	DLK			
o-Xylene	ND	ug/kg	4.8	11/09/05 07:22	DLK	95-47-6		
Toluene-d8 (S)	97	%		11/09/05 07:22	DLK	2037-26-5		

Date: 11/14/05

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Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288523 Project Sample Number: 92106545-008 Date Collected: 10/31/05 14:15
 Client Sample ID: SB-52-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
4-Bromofluorobenzene (S)	95	%		11/09/05 07:22	DLK	460-00-4		
Dibromofluoromethane (S)	110	%		11/09/05 07:22	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	106	%		11/09/05 07:22	DLK	17060-07-0		

Date: 11/14/05

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Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288531 Project Sample Number: 92106545-009 Date Collected: 10/31/05 14:30
Client Sample ID: SB-53-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	360	mg/kg	0.21	11/10/05 10:26	ALV	7440-47-3		
Lead	31.	mg/kg	0.51	11/10/05 10:26	ALV	7439-92-1		
Date Digested	11/02/05 12:00			11/02/05 12:00				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	11.7	%		11/02/05 10:44	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	370	11/13/05 05:33	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	11/13/05 05:33	BET	208-96-8		
Anthracene	ND	ug/kg	370	11/13/05 05:33	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	11/13/05 05:33	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	11/13/05 05:33	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	11/13/05 05:33	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/13/05 05:33	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	11/13/05 05:33	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	750	11/13/05 05:33	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	11/13/05 05:33	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	11/13/05 05:33	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	11/13/05 05:33	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	750	11/13/05 05:33	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	750	11/13/05 05:33	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	11/13/05 05:33	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	11/13/05 05:33	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	11/13/05 05:33	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	11/13/05 05:33	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	11/13/05 05:33	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	11/13/05 05:33	BET	7005-72-3		
Chrysene	ND	ug/kg	370	11/13/05 05:33	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	11/13/05 05:33	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	11/13/05 05:33	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	11/13/05 05:33	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	11/13/05 05:33	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	11/13/05 05:33	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	750	11/13/05 05:33	BET	91-94-1		

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Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288531 Project Sample Number: 92106545-009 Date Collected: 10/31/05 14:30
Client Sample ID: SB-53-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	370	11/13/05 05:33	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	11/13/05 05:33	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	11/13/05 05:33	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	11/13/05 05:33	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	11/13/05 05:33	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	11/13/05 05:33	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/13/05 05:33	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	11/13/05 05:33	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	11/13/05 05:33	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	11/13/05 05:33	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	11/13/05 05:33	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	11/13/05 05:33	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	11/13/05 05:33	BET	206-44-0		
Fluorene	ND	ug/kg	370	11/13/05 05:33	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	11/13/05 05:33	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	11/13/05 05:33	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	11/13/05 05:33	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	11/13/05 05:33	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	11/13/05 05:33	BET	193-39-5		
Isophorone	ND	ug/kg	370	11/13/05 05:33	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	11/13/05 05:33	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	11/13/05 05:33	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	11/13/05 05:33	BET			
Naphthalene	ND	ug/kg	370	11/13/05 05:33	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/13/05 05:33	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/13/05 05:33	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/13/05 05:33	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	11/13/05 05:33	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	11/13/05 05:33	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/13/05 05:33	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	11/13/05 05:33	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	11/13/05 05:33	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/13/05 05:33	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	11/13/05 05:33	BET	85-01-8		
Phenol	ND	ug/kg	370	11/13/05 05:33	BET	108-95-2		
Pyrene	ND	ug/kg	370	11/13/05 05:33	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	11/13/05 05:33	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	11/13/05 05:33	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	11/13/05 05:33	BET	88-06-2		

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FI NFI AP F87627

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288531 Project Sample Number: 92106545-009 Date Collected: 10/31/05 14:30
Client Sample ID: SB-53-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	42	%		11/13/05 05:33	BET	4165-60-0		
2-Fluorobiphenyl (S)	40	%		11/13/05 05:33	BET	321-60-8		
Terphenyl-d14 (S)	76	%		11/13/05 05:33	BET	1718-51-0		
Phenol-d5 (S)	39	%		11/13/05 05:33	BET	4165-62-2	1	
2-Fluorophenol (S)	37	%		11/13/05 05:33	BET	367-12-4		
2,4,6-Tribromophenol (S)	71	%		11/13/05 05:33	BET	118-79-6		
Date Extracted	11/09/05			11/09/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Compound	Results	Units	Report Limit	Analyzed	By	CAS No.
Acetone	ND	ug/kg	120	11/09/05 07:41	DLK	67-64-1
Benzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	75-27-4
Bromoform	ND	ug/kg	5.8	11/09/05 07:41	DLK	75-25-2
Bromomethane	ND	ug/kg	12.	11/09/05 07:41	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	120	11/09/05 07:41	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.8	11/09/05 07:41	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	108-90-7
Chloroethane	ND	ug/kg	12.	11/09/05 07:41	DLK	75-00-3
Chloroform	ND	ug/kg	5.8	11/09/05 07:41	DLK	67-66-3
Chloromethane	ND	ug/kg	12.	11/09/05 07:41	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.8	11/09/05 07:41	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.8	11/09/05 07:41	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	11/09/05 07:41	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	11/09/05 07:41	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	12.	11/09/05 07:41	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.8	11/09/05 07:41	DLK	75-35-4

Date: 11/14/05

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NC Drinking Water 37706
SC 99006
FL NELAP E87627



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 9800 Kincey Avenue, Suite 100
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 Phone: 704.875.9092
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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288531 Project Sample Number: 92106545-009 Date Collected: 10/31/05 14:30
 Client Sample ID: SB-53-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	5.8	11/09/05 07:41	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.8	11/09/05 07:41	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.8	11/09/05 07:41	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.8	11/09/05 07:41	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.8	11/09/05 07:41	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.8	11/09/05 07:41	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.8	11/09/05 07:41	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.8	11/09/05 07:41	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.8	11/09/05 07:41	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	11/09/05 07:41	DLK	87-68-3		
2-Hexanone	ND	ug/kg	58.	11/09/05 07:41	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	11/09/05 07:41	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.8	11/09/05 07:41	DLK	99-87-6		
Methylene chloride	19.	ug/kg	5.8	11/09/05 07:41	DLK	75-09-2	2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.	11/09/05 07:41	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.8	11/09/05 07:41	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.8	11/09/05 07:41	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	103-65-1		
Styrene	ND	ug/kg	5.8	11/09/05 07:41	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.8	11/09/05 07:41	DLK	127-18-4		
Toluene	ND	ug/kg	5.8	11/09/05 07:41	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.8	11/09/05 07:41	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.8	11/09/05 07:41	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.8	11/09/05 07:41	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	11/09/05 07:41	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	58.	11/09/05 07:41	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	11/09/05 07:41	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.8	11/09/05 07:41	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	11/09/05 07:41	DLK			
o-Xylene	ND	ug/kg	5.8	11/09/05 07:41	DLK	95-47-6		
Toluene-d8 (S)	97	%		11/09/05 07:41	DLK	2037-26-5		

Date: 11/14/05

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288531 Project Sample Number: 92106545-009 Date Collected: 10/31/05 14:30
 Client Sample ID: SB-53-8FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	93	%		11/09/05 07:41	DLK	460-00-4		
Dibromofluoromethane (S)	107	%		11/09/05 07:41	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		11/09/05 07:41	DLK	17060-07-0		

Date: 11/14/05

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288556 Project Sample Number: 92106545-011 Date Collected: 10/31/05 15:00
 Client Sample ID: SB-54-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	19.	mg/kg	0.21	11/10/05 10:34	ALV	7440-47-3		
Lead	3.5	mg/kg	0.51	11/10/05 10:34	ALV	7439-92-1		
Date Digested	11/02/05 12:00			11/02/05 12:00				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	11.3	%		11/02/05 10:58	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	370	11/13/05 21:51	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	11/13/05 21:51	BET	208-96-8		
Anthracene	ND	ug/kg	370	11/13/05 21:51	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	11/13/05 21:51	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	11/13/05 21:51	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	11/13/05 21:51	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/13/05 21:51	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	11/13/05 21:51	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	740	11/13/05 21:51	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	11/13/05 21:51	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	11/13/05 21:51	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	11/13/05 21:51	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	740	11/13/05 21:51	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	740	11/13/05 21:51	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	11/13/05 21:51	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	11/13/05 21:51	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	11/13/05 21:51	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	11/13/05 21:51	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	11/13/05 21:51	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	11/13/05 21:51	BET	7005-72-3		
Chrysene	ND	ug/kg	370	11/13/05 21:51	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	11/13/05 21:51	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	11/13/05 21:51	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	11/13/05 21:51	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	11/13/05 21:51	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	11/13/05 21:51	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	740	11/13/05 21:51	BET	91-94-1		

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288556 Project Sample Number: 92106545-011 Date Collected: 10/31/05 15:00
 Client Sample ID: SB-54-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	370	11/13/05 21:51	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	11/13/05 21:51	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	11/13/05 21:51	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	11/13/05 21:51	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	11/13/05 21:51	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	11/13/05 21:51	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/13/05 21:51	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	11/13/05 21:51	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	11/13/05 21:51	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	11/13/05 21:51	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	11/13/05 21:51	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	11/13/05 21:51	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	11/13/05 21:51	BET	206-44-0		
Fluorene	ND	ug/kg	370	11/13/05 21:51	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	11/13/05 21:51	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	11/13/05 21:51	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	11/13/05 21:51	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	11/13/05 21:51	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	11/13/05 21:51	BET	193-39-5		
Isophorone	ND	ug/kg	370	11/13/05 21:51	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	11/13/05 21:51	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	11/13/05 21:51	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	11/13/05 21:51	BET			
Naphthalene	ND	ug/kg	370	11/13/05 21:51	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/13/05 21:51	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/13/05 21:51	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/13/05 21:51	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	11/13/05 21:51	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	11/13/05 21:51	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/13/05 21:51	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	11/13/05 21:51	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	11/13/05 21:51	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/13/05 21:51	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	11/13/05 21:51	BET	85-01-8		
Phenol	ND	ug/kg	370	11/13/05 21:51	BET	108-95-2		
Pyrene	ND	ug/kg	370	11/13/05 21:51	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	11/13/05 21:51	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	11/13/05 21:51	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	11/13/05 21:51	BET	88-06-2		

Date: 11/14/05

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 FI NFI AP F87628



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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288556 Project Sample Number: 92106545-011 Date Collected: 10/31/05 15:00
 Client Sample ID: SB-54-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	65	%		11/13/05 21:51	BET	4165-60-0		
2-Fluorobiphenyl (S)	58	%		11/13/05 21:51	BET	321-60-8		
Terphenyl-d14 (S)	64	%		11/13/05 21:51	BET	1718-51-0		
Pheno1-d5 (S)	52	%		11/13/05 21:51	BET	4165-62-2		
2-Fluoropheno1 (S)	49	%		11/13/05 21:51	BET	367-12-4		
2,4,6-Tribromopheno1 (S)	53	%		11/13/05 21:51	BET	118-79-6		
Date Extracted	11/10/05			11/10/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Acetone	ND	ug/kg	93.	11/09/05 08:20	DLK	67-64-1		
Benzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	75-27-4		
Bromoform	ND	ug/kg	4.6	11/09/05 08:20	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.3	11/09/05 08:20	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	93.	11/09/05 08:20	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.6	11/09/05 08:20	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.3	11/09/05 08:20	DLK	75-00-3		
Chloroform	ND	ug/kg	4.6	11/09/05 08:20	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.3	11/09/05 08:20	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.6	11/09/05 08:20	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.6	11/09/05 08:20	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	11/09/05 08:20	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	11/09/05 08:20	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.3	11/09/05 08:20	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.6	11/09/05 08:20	DLK	75-35-4		

Date: 11/14/05

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Charlotte Certification IDs
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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288556 Project Sample Number: 92106545-011 Date Collected: 10/31/05 15:00
 Client Sample ID: SB-54-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	4.6	11/09/05 08:20	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.6	11/09/05 08:20	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.6	11/09/05 08:20	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.6	11/09/05 08:20	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.6	11/09/05 08:20	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.6	11/09/05 08:20	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.6	11/09/05 08:20	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.6	11/09/05 08:20	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.6	11/09/05 08:20	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	11/09/05 08:20	DLK	87-68-3		
2-Hexanone	ND	ug/kg	46.	11/09/05 08:20	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	11/09/05 08:20	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.6	11/09/05 08:20	DLK	99-87-6		
Methylene chloride	9.7	ug/kg	4.6	11/09/05 08:20	DLK	75-09-2	2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.	11/09/05 08:20	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.6	11/09/05 08:20	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.6	11/09/05 08:20	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	103-65-1		
Styrene	ND	ug/kg	4.6	11/09/05 08:20	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.6	11/09/05 08:20	DLK	127-18-4		
Toluene	ND	ug/kg	4.6	11/09/05 08:20	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.6	11/09/05 08:20	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.6	11/09/05 08:20	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.6	11/09/05 08:20	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	11/09/05 08:20	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	46.	11/09/05 08:20	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.3	11/09/05 08:20	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.6	11/09/05 08:20	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.3	11/09/05 08:20	DLK			
o-Xylene	ND	ug/kg	4.6	11/09/05 08:20	DLK	95-47-6		
Toluene-d8 (S)	98	%		11/09/05 08:20	DLK	2037-26-5		

Date: 11/14/05

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Pace Analytical Services, Inc.
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 Phone: 704.875.9092
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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288556 Project Sample Number: 92106545-011 Date Collected: 10/31/05 15:00
 Client Sample ID: SB-54-12FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	99	%		11/09/05 08:20	DLK	460-00-4		
Dibromofluoromethane (S)	114	%		11/09/05 08:20	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	110	%		11/09/05 08:20	DLK	17060-07-0		

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288549 Project Sample Number: 92106545-010 Date Collected: 10/31/05 14:45
 Client Sample ID: SB-55-15FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
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Metals

Metals, Trace ICP	Prep/Method: EPA 3050 / EPA 6010							
Chromium	6.4	mg/kg	0.19	11/10/05 10:30	ALV	7440-47-3		
Lead	2.1	mg/kg	0.49	11/10/05 10:30	ALV	7439-92-1		
Date Digested	11/02/05 12:00			11/02/05 12:00				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	8.1	%		11/02/05 10:57	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	360	11/13/05 21:14	BET	83-32-9		
Acenaphthylene	ND	ug/kg	360	11/13/05 21:14	BET	208-96-8		
Anthracene	ND	ug/kg	360	11/13/05 21:14	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	360	11/13/05 21:14	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	360	11/13/05 21:14	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	360	11/13/05 21:14	BET	56-55-3		
Benzoic acid	ND	ug/kg	1800	11/13/05 21:14	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	360	11/13/05 21:14	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	720	11/13/05 21:14	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	360	11/13/05 21:14	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	360	11/13/05 21:14	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	360	11/13/05 21:14	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	720	11/13/05 21:14	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	720	11/13/05 21:14	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	360	11/13/05 21:14	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	360	11/13/05 21:14	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	11/13/05 21:14	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	360	11/13/05 21:14	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	360	11/13/05 21:14	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	360	11/13/05 21:14	BET	7005-72-3		
Chrysene	ND	ug/kg	360	11/13/05 21:14	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	360	11/13/05 21:14	BET	53-70-3		
Dibenzofuran	ND	ug/kg	360	11/13/05 21:14	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	360	11/13/05 21:14	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	360	11/13/05 21:14	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	360	11/13/05 21:14	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	720	11/13/05 21:14	BET	91-94-1		

Date: 11/14/05

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288549 Project Sample Number: 92106545-010 Date Collected: 10/31/05 14:45
 Client Sample ID: SB-55-15FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichlorophenol	ND	ug/kg	360	11/13/05 21:14	BET	120-83-2		
Diethylphthalate	ND	ug/kg	360	11/13/05 21:14	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	360	11/13/05 21:14	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	360	11/13/05 21:14	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	360	11/13/05 21:14	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	360	11/13/05 21:14	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1800	11/13/05 21:14	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	360	11/13/05 21:14	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	360	11/13/05 21:14	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	360	11/13/05 21:14	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	360	11/13/05 21:14	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	11/13/05 21:14	BET	117-81-7		
Fluoranthene	ND	ug/kg	360	11/13/05 21:14	BET	206-44-0		
Fluorene	ND	ug/kg	360	11/13/05 21:14	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	360	11/13/05 21:14	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	360	11/13/05 21:14	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	360	11/13/05 21:14	BET	77-47-4		
Hexachloroethane	ND	ug/kg	360	11/13/05 21:14	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	11/13/05 21:14	BET	193-39-5		
Isophorone	ND	ug/kg	360	11/13/05 21:14	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	360	11/13/05 21:14	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	360	11/13/05 21:14	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	360	11/13/05 21:14	BET			
Naphthalene	ND	ug/kg	360	11/13/05 21:14	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1800	11/13/05 21:14	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1800	11/13/05 21:14	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1800	11/13/05 21:14	BET	100-01-6		
Nitrobenzene	ND	ug/kg	360	11/13/05 21:14	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	360	11/13/05 21:14	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1800	11/13/05 21:14	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	360	11/13/05 21:14	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	360	11/13/05 21:14	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1800	11/13/05 21:14	BET	87-86-5		
Phenanthrene	ND	ug/kg	360	11/13/05 21:14	BET	85-01-8		
Phenol	ND	ug/kg	360	11/13/05 21:14	BET	108-95-2		
Pyrene	ND	ug/kg	360	11/13/05 21:14	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	360	11/13/05 21:14	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	360	11/13/05 21:14	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	360	11/13/05 21:14	BET	88-06-2		

Date: 11/14/05

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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288549 Project Sample Number: 92106545-010 Date Collected: 10/31/05 14:45
 Client Sample ID: SB-55-15FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	70	%		11/13/05 21:14	BET	4165-60-0		
2-Fluorobiphenyl (S)	60	%		11/13/05 21:14	BET	321-60-8		
Terphenyl-d14 (S)	46	%		11/13/05 21:14	BET	1718-51-0		
Phenol-d5 (S)	62	%		11/13/05 21:14	BET	4165-62-2		
2-Fluorophenol (S)	62	%		11/13/05 21:14	BET	367-12-4		
2,4,6-Tribromophenol (S)	60	%		11/13/05 21:14	BET	118-79-6		
Date Extracted	11/10/05			11/10/05				

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level Method: EPA 8260

Acetone	ND	ug/kg	120	11/09/05 08:00	DLK	67-64-1		
Benzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	71-43-2		
Bromobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	75-27-4		
Bromoform	ND	ug/kg	6.0	11/09/05 08:00	DLK	75-25-2		
Bromomethane	ND	ug/kg	12.	11/09/05 08:00	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	120	11/09/05 08:00	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	6.0	11/09/05 08:00	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	108-90-7		
Chloroethane	ND	ug/kg	12.	11/09/05 08:00	DLK	75-00-3		
Chloroform	ND	ug/kg	6.0	11/09/05 08:00	DLK	67-66-3		
Chloromethane	ND	ug/kg	12.	11/09/05 08:00	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	6.0	11/09/05 08:00	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	6.0	11/09/05 08:00	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	11/09/05 08:00	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	11/09/05 08:00	DLK	106-93-4		
Dibromomethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	12.	11/09/05 08:00	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	6.0	11/09/05 08:00	DLK	75-35-4		

Date: 11/14/05

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 FI NFI AP FR76AR

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288549 Project Sample Number: 92106545-010 Date Collected: 10/31/05 14:45
Client Sample ID: SB-55-15FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
cis-1,2-Dichloroethene	ND	ug/kg	6.0	11/09/05 08:00	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	6.0	11/09/05 08:00	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	6.0	11/09/05 08:00	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	6.0	11/09/05 08:00	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	6.0	11/09/05 08:00	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	6.0	11/09/05 08:00	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	6.0	11/09/05 08:00	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	6.0	11/09/05 08:00	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	6.0	11/09/05 08:00	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	11/09/05 08:00	DLK	87-68-3		
2-Hexanone	ND	ug/kg	60.	11/09/05 08:00	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	11/09/05 08:00	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	6.0	11/09/05 08:00	DLK	99-87-6		
Methylene chloride	12.	ug/kg	6.0	11/09/05 08:00	DLK	75-09-2	2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.	11/09/05 08:00	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	6.0	11/09/05 08:00	DLK	1634-04-4		
Naphthalene	ND	ug/kg	6.0	11/09/05 08:00	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	103-65-1		
Styrene	ND	ug/kg	6.0	11/09/05 08:00	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	6.0	11/09/05 08:00	DLK	127-18-4		
Toluene	ND	ug/kg	6.0	11/09/05 08:00	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	79-00-5		
Trichloroethene	ND	ug/kg	6.0	11/09/05 08:00	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	6.0	11/09/05 08:00	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	6.0	11/09/05 08:00	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	11/09/05 08:00	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	60.	11/09/05 08:00	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	11/09/05 08:00	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	6.0	11/09/05 08:00	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	11/09/05 08:00	DLK			
o-Xylene	ND	ug/kg	6.0	11/09/05 08:00	DLK	95-47-6		
Toluene-d8 (S)	96	%		11/09/05 08:00	DLK	2037-26-5		

Date: 11/14/05

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SC 99006
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Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

Lab Sample No: 926288549 Project Sample Number: 92106545-010 Date Collected: 10/31/05 14:45
 Client Sample ID: SB-55-15FT Matrix: Soil Date Received: 11/01/05 17:46

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	93	%		11/09/05 08:00	DLK	460-00-4		
Dibromofluoromethane (S)	110	%		11/09/05 08:00	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	106	%		11/09/05 08:00	DLK	17060-07-0		

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Phone: 704.875.9092
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November 14, 2005

Ms. Lori Hamburg
General Eng. Consultants
PO Box 14262
Research Triangle Pk, NC 27709

RE: Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

Dear Ms. Hamburg:

Enclosed are the analytical results for sample(s) received by the laboratory on November 1, 2005. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

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

Sincerely,

Annette Scott
Annette.Scott@pacelabs.com
Project Manager

Enclosures

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EI NEI AD	ER761R



Charlotte Certification IDs

NC Wastewater	12
NC Drinking Water	37706
SC	99006
EI NEI AD	ER7627

PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit
- (S) Surrogate
- [1] Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of the two remaining acid surrogates.
- [2] Common laboratory contaminant.
- [3] Low surrogate recovery was confirmed as a matrix effect by a second analysis.
- [4] Compound concentration exceeds the calibration range of the instrument (CLP E-Flag).
- [5] Sample was received by the laboratory without acid preservation as recommended by the US EPA.

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 Huntersville, NC 28078
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 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 141733
 QC Batch Method: EPA 8021
 Associated Lab Samples: 926288564

Analysis Method: EPA 8021
 Analysis Description: Halogen. & Aromatic Vol. Orgs.

METHOD BLANK: 926296948
 Associated Lab Samples: 926288564

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Benzene	ug/l	ND	1.0	
Bromobenzene	ug/l	ND	1.0	
Bromochloromethane	ug/l	ND	1.0	
Bromodichloromethane	ug/l	ND	1.0	
Bromoform	ug/l	ND	1.0	
Bromomethane	ug/l	ND	1.0	
n-Butylbenzene	ug/l	ND	1.0	
sec-Butylbenzene	ug/l	ND	1.0	
tert-Butylbenzene	ug/l	ND	1.0	
Carbon tetrachloride	ug/l	ND	1.0	
Chlorobenzene	ug/l	ND	1.0	
Chloroethane	ug/l	ND	1.0	
Chloroform	ug/l	ND	1.0	
Chloromethane	ug/l	ND	2.0	
2-Chlorotoluene	ug/l	ND	1.0	
4-Chlorotoluene	ug/l	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/l	ND	2.0	
Dibromochloromethane	ug/l	ND	1.0	
1,2-Dibromoethane (EDB)	ug/l	ND	1.0	
Dibromomethane	ug/l	ND	1.0	
1,2-Dichlorobenzene	ug/l	ND	1.0	
1,3-Dichlorobenzene	ug/l	ND	1.0	
1,4-Dichlorobenzene	ug/l	ND	1.0	
Dichlorodifluoromethane	ug/l	ND	1.0	
1,1-Dichloroethane	ug/l	ND	1.0	
1,2-Dichloroethane	ug/l	ND	1.0	
1,1-Dichloroethene	ug/l	ND	1.0	
cis-1,2-Dichloroethene	ug/l	ND	1.0	
trans-1,2-Dichloroethene	ug/l	ND	1.0	
1,2-Dichloropropane	ug/l	ND	1.0	
1,3-Dichloropropane	ug/l	ND	1.0	

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 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI ΔP FR76ΔR

QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926296948
Associated Lab Samples: 926288564

<u>Parameter</u>	<u>Units</u>	<u>Blank Result</u>	<u>Reporting Limit</u>	<u>Footnotes</u>
2,2-Dichloropropane	ug/l	ND	1.0	
1,1-Dichloropropene	ug/l	ND	1.0	
cis-1,3-Dichloropropene	ug/l	ND	1.0	
trans-1,3-Dichloropropene	ug/l	ND	1.0	
Diisopropyl ether	ug/l	ND	1.0	
Ethylbenzene	ug/l	ND	1.0	
Hexachloro-1,3-butadiene	ug/l	ND	2.0	
Isopropylbenzene (Cumene)	ug/l	ND	1.0	
p-Isopropyltoluene	ug/l	ND	1.0	
Methylene chloride	ug/l	ND	2.0	
Methyl-tert-butyl ether	ug/l	ND	1.0	
Naphthalene	ug/l	ND	2.0	
n-Propylbenzene	ug/l	ND	1.0	
Styrene	ug/l	ND	1.0	
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/l	ND	1.0	
Tetrachloroethene	ug/l	ND	1.0	
Toluene	ug/l	ND	1.0	
1,2,3-Trichlorobenzene	ug/l	ND	2.0	
1,2,4-Trichlorobenzene	ug/l	ND	2.0	
1,1,1-Trichloroethane	ug/l	ND	1.0	
1,1,2-Trichloroethane	ug/l	ND	1.0	
Trichloroethene	ug/l	ND	1.0	
Trichlorofluoromethane	ug/l	ND	1.0	
1,2,3-Trichloropropane	ug/l	ND	1.0	
1,2,4-Trimethylbenzene	ug/l	ND	1.0	
1,3,5-Trimethylbenzene	ug/l	ND	1.0	
Vinyl chloride	ug/l	ND	1.0	
Xylene (Total)	ug/l	ND	1.0	
m&p-Xylene	ug/l	ND	1.0	
o-Xylene	ug/l	ND	1.0	
1-Chloro-3-fluorobenzene (S)	%	105		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926296955

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Benzene	ug/l	20.00	20.61	103	
Bromobenzene	ug/l	20.00	22.00	110	
Bromochloromethane	ug/l	20.00	21.37	107	
Bromodichloromethane	ug/l	20.00	20.46	102	
Bromoform	ug/l	20.00	22.13	111	
Bromomethane	ug/l	20.00	36.95	185	1
n-Butylbenzene	ug/l	20.00	20.10	101	
sec-Butylbenzene	ug/l	20.00	22.29	111	
tert-Butylbenzene	ug/l	20.00	20.35	102	
Carbon tetrachloride	ug/l	20.00	23.52	118	
Chlorobenzene	ug/l	20.00	21.61	108	
Chloroethane	ug/l	20.00	23.95	120	
Chloroform	ug/l	20.00	17.80	89	
Chloromethane	ug/l	20.00	20.34	102	
2-Chlorotoluene	ug/l	20.00	23.85	119	
4-Chlorotoluene	ug/l	20.00	20.83	104	
1,2-Dibromo-3-chloropropane	ug/l	20.00	23.88	119	
Dibromochloromethane	ug/l	20.00	23.67	118	
1,2-Dibromoethane (EDB)	ug/l	20.00	21.56	108	
Dibromomethane	ug/l	20.00	19.63	98	
1,2-Dichlorobenzene	ug/l	20.00	20.94	105	
1,3-Dichlorobenzene	ug/l	20.00	19.58	98	
1,4-Dichlorobenzene	ug/l	20.00	20.41	102	
Dichlorodifluoromethane	ug/l	20.00	24.28	121	
1,1-Dichloroethane	ug/l	20.00	24.13	121	
1,2-Dichloroethane	ug/l	20.00	19.24	96	
1,1-Dichloroethene	ug/l	20.00	23.73	119	
cis-1,2-Dichloroethene	ug/l	20.00	22.66	113	
trans-1,2-Dichloroethene	ug/l	20.00	24.01	120	
1,2-Dichloropropane	ug/l	20.00	21.83	109	
1,3-Dichloropropane	ug/l	20.00	20.92	105	
2,2-Dichloropropane	ug/l	20.00	24.88	124	
1,1-Dichloropropene	ug/l	20.00	24.42	122	
cis-1,3-Dichloropropene	ug/l	20.00	21.42	107	
trans-1,3-Dichloropropene	ug/l	20.00	23.15	116	
Diisopropyl ether	ug/l	20.00	18.90	94	
Ethylbenzene	ug/l	20.00	20.11	101	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926296955

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Hexachloro-1,3-butadiene	ug/l	20.00	22.34	112	
Isopropylbenzene (Cumene)	ug/l	20.00	20.09	100	
p-Isopropyltoluene	ug/l	20.00	20.51	103	
Methylene chloride	ug/l	20.00	23.00	115	
Methyl-tert-butyl ether	ug/l	20.00	17.43	87	
Naphthalene	ug/l	20.00	17.10	86	
n-Propylbenzene	ug/l	20.00	21.36	107	
Styrene	ug/l	20.00	21.14	106	
1,1,1,2-Tetrachloroethane	ug/l	20.00	23.81	119	
1,1,2,2-Tetrachloroethane	ug/l	20.00	22.50	113	
Tetrachloroethene	ug/l	20.00	24.07	120	
Toluene	ug/l	20.00	20.74	104	
1,2,3-Trichlorobenzene	ug/l	20.00	19.92	100	
1,2,4-Trichlorobenzene	ug/l	20.00	22.94	115	
1,1,1-Trichloroethane	ug/l	20.00	25.07	125	
1,1,2-Trichloroethane	ug/l	20.00	20.40	102	
Trichloroethene	ug/l	20.00	22.41	112	
Trichlorofluoromethane	ug/l	20.00	25.84	129	
1,2,3-Trichloropropane	ug/l	20.00	22.38	112	
1,2,4-Trimethylbenzene	ug/l	20.00	19.61	98	
1,3,5-Trimethylbenzene	ug/l	20.00	19.65	98	
Vinyl chloride	ug/l	20.00	26.34	132	
Xylene (Total)	ug/l	60.00	59.91	100	
m&p-Xylene	ug/l	40.00	38.93	97	
o-Xylene	ug/l	20.00	20.98	105	
1-Chloro-3-fluorobenzene (S)				100	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926296963 926296971

Parameter	Units	926284696	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Benzene	ug/l	3.540	20.00	23.71	23.61	101	100	0	
Chlorobenzene	ug/l	0	20.00	18.17	18.07	91	90	1	
Toluene	ug/l	27.54	20.00	47.98	47.38	102	99	1	
1-Chloro-3-fluorobenzene (S)						98	98		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926296989

Parameter	Units	926284704	DUP	RPD	Footnotes
		Result	Result		
Benzene	ug/l	6.500	6.500	1	
Bromobenzene	ug/l	ND	ND	NC	
n-Butylbenzene	ug/l	ND	ND	NC	
sec-Butylbenzene	ug/l	ND	ND	NC	
tert-Butylbenzene	ug/l	ND	ND	NC	
Chlorobenzene	ug/l	ND	ND	NC	
1,2-Dichlorobenzene	ug/l	ND	ND	NC	
1,3-Dichlorobenzene	ug/l	ND	ND	NC	
1,4-Dichlorobenzene	ug/l	ND	ND	NC	
Diisopropyl ether	ug/l	ND	ND	NC	
Ethylbenzene	ug/l	3.100	3.200	0	
Isopropylbenzene (Cumene)	ug/l	ND	ND	NC	
p-Isopropyltoluene	ug/l	ND	ND	NC	
Methyl-tert-butyl ether	ug/l	7.400	7.400	1	
Naphthalene	ug/l	ND	ND	NC	
n-Propylbenzene	ug/l	ND	ND	NC	
Styrene	ug/l	ND	ND	NC	
Toluene	ug/l	11.00	11.00	2	
1,2,4-Trimethylbenzene	ug/l	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/l	ND	ND	NC	
Xylene (Total)	ug/l	8.400	8.400	0	
m&p-Xylene	ug/l	7.300	7.300	0	
o-Xylene	ug/l	1.100	1.100	3	
1-Chloro-3-fluorobenzene (S)	%	95	95		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 140209 Analysis Method: EPA 625
QC Batch Method: EPA 625 SF Analysis Description: Extractables in Water by 625
Associated Lab Samples: 926288564

METHOD BLANK: 926312380
Associated Lab Samples: 926288564

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acenaphthene	ug/l	ND	5.0	
Acenaphthylene	ug/l	ND	5.0	
Anthracene	ug/l	ND	5.0	
Benzidine	ug/l	ND	50.	
Benzo(k)fluoranthene	ug/l	ND	5.0	
Benzo(b)fluoranthene	ug/l	ND	5.0	
Benzo(a)anthracene	ug/l	ND	5.0	
Benzo(g,h,i)perylene	ug/l	ND	5.0	
Benzo(a)pyrene	ug/l	ND	5.0	
4-Bromophenylphenyl ether	ug/l	ND	5.0	
Butylbenzylphthalate	ug/l	ND	5.0	
4-Chloro-3-methylphenol	ug/l	ND	5.0	
bis(2-Chloroethoxy)methane	ug/l	ND	5.0	
bis(2-Chloroethyl) ether	ug/l	ND	5.0	
bis(2-Chloroisopropyl) ether	ug/l	ND	5.0	
2-Chloronaphthalene	ug/l	ND	5.0	
2-Chlorophenol	ug/l	ND	5.0	
4-Chlorophenylphenyl ether	ug/l	ND	5.0	
Chrysene	ug/l	ND	5.0	
Dibenz(a,h)anthracene	ug/l	ND	5.0	
1,2-Dichlorobenzene	ug/l	ND	5.0	
1,3-Dichlorobenzene	ug/l	ND	5.0	
1,4-Dichlorobenzene	ug/l	ND	5.0	
3,3'-Dichlorobenzidine	ug/l	ND	10.	
2,4-Dichlorophenol	ug/l	ND	5.0	
Diethylphthalate	ug/l	ND	5.0	
2,4-Dimethylphenol	ug/l	ND	5.0	
Dimethylphthalate	ug/l	ND	5.0	
Di-n-butylphthalate	ug/l	ND	5.0	
4,6-Dinitro-2-methylphenol	ug/l	ND	25.	
2,4-Dinitrophenol	ug/l	ND	25.	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926312380
Associated Lab Samples: 926288564

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
2,4-Dinitrotoluene	ug/l	ND	5.0	
2,6-Dinitrotoluene	ug/l	ND	5.0	
Di-n-octylphthalate	ug/l	ND	5.0	
bis(2-Ethylhexyl)phthalate	ug/l	ND	5.0	
Fluoranthene	ug/l	ND	5.0	
Fluorene	ug/l	ND	5.0	
Hexachloro-1,3-butadiene	ug/l	ND	5.0	
Hexachlorobenzene	ug/l	ND	5.0	
Hexachlorocyclopentadiene	ug/l	ND	10.	
Hexachloroethane	ug/l	ND	5.0	
Indeno(1,2,3-cd)pyrene	ug/l	ND	5.0	
Isophorone	ug/l	ND	5.0	
Naphthalene	ug/l	ND	5.0	
Nitrobenzene	ug/l	ND	5.0	
2-Nitrophenol	ug/l	ND	5.0	
4-Nitrophenol	ug/l	ND	25.	
N-Nitrosodimethylamine	ug/l	ND	5.0	
N-Nitroso-di-n-propylamine	ug/l	ND	5.0	
N-Nitrosodiphenylamine	ug/l	ND	5.0	
Pentachlorophenol	ug/l	ND	25.	
Phenanthrene	ug/l	ND	5.0	
Phenol	ug/l	ND	5.0	
Pyrene	ug/l	ND	5.0	
1,2,4-Trichlorobenzene	ug/l	ND	5.0	
2,4,6-Trichlorophenol	ug/l	ND	5.0	
Nitrobenzene-d5 (S)	%	58		
2-Fluorobiphenyl (S)	%	63		
Terphenyl-d14 (S)	%	82		
Phenol-d5 (S)	%	24		
2-Fluorophenol (S)	%	35		
2,4,6-Tribromophenol (S)	%	91		

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NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI AP F87627

QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926225483

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/l	50.00	34.66	69	
Acenaphthylene	ug/l	50.00	33.85	68	
Anthracene	ug/l	50.00	38.64	77	
Benzidine	ug/l	100.00	6.598	7	2
Benzo(k)fluoranthene	ug/l	50.00	29.70	59	
Benzo(b)fluoranthene	ug/l	50.00	33.24	66	
Benzo(a)anthracene	ug/l	50.00	36.20	72	
Benzo(g,h,i)perylene	ug/l	50.00	40.96	82	
Benzo(a)pyrene	ug/l	50.00	35.23	70	
4-Bromophenylphenyl ether	ug/l	50.00	40.84	82	
Butylbenzylphthalate	ug/l	50.00	37.58	75	
4-Chloro-3-methylphenol	ug/l	50.00	42.09	84	
bis(2-Chloroethoxy)methane	ug/l	50.00	38.96	78	
bis(2-Chloroethyl) ether	ug/l	50.00	29.67	59	
bis(2-Chloroisopropyl) ether	ug/l	50.00	31.10	62	
2-Chloronaphthalene	ug/l	50.00	35.27	70	
2-Chlorophenol	ug/l	50.00	30.71	61	
4-Chlorophenylphenyl ether	ug/l	50.00	38.21	76	
Chrysene	ug/l	50.00	36.97	74	
Dibenz(a,h)anthracene	ug/l	50.00	43.62	87	
1,2-Dichlorobenzene	ug/l	50.00	22.10	44	
1,3-Dichlorobenzene	ug/l	50.00	18.28	37	
1,4-Dichlorobenzene	ug/l	50.00	19.43	39	
3,3'-Dichlorobenzidine	ug/l	100.00	43.93	44	
2,4-Dichlorophenol	ug/l	50.00	41.69	83	
Diethylphthalate	ug/l	50.00	37.69	75	
2,4-Dimethylphenol	ug/l	50.00	40.56	81	
Dimethylphthalate	ug/l	50.00	38.28	77	
Di-n-butylphthalate	ug/l	50.00	38.99	78	
4,6-Dinitro-2-methylphenol	ug/l	50.00	42.29	85	
2,4-Dinitrophenol	ug/l	50.00	33.83	68	
2,4-Dinitrotoluene	ug/l	50.00	35.20	70	
2,6-Dinitrotoluene	ug/l	50.00	40.55	81	
Di-n-octylphthalate	ug/l	50.00	38.80	78	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	37.76	76	
Fluoranthene	ug/l	50.00	35.27	70	
Fluorene	ug/l	50.00	35.20	70	

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FL NELAP E87627

QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926225483

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Hexachloro-1,3-butadiene	ug/l	50.00	17.24	34	
Hexachlorobenzene	ug/l	50.00	41.65	83	
Hexachlorocyclopentadiene	ug/l	50.00	15.88	32	
Hexachloroethane	ug/l	50.00	12.84	26	2
Indeno(1,2,3-cd)pyrene	ug/l	50.00	40.76	82	
Isophorone	ug/l	50.00	81.95	164	
Naphthalene	ug/l	50.00	31.13	62	
Nitrobenzene	ug/l	50.00	35.77	72	
2-Nitrophenol	ug/l	50.00	38.60	77	
4-Nitrophenol	ug/l	50.00	16.98	34	
N-Nitrosodimethylamine	ug/l	50.00	16.49	33	
N-Nitroso-di-n-propylamine	ug/l	50.00	38.15	76	
N-Nitrosodiphenylamine	ug/l	50.00	43.16	86	
Pentachlorophenol	ug/l	50.00	39.59	79	
Phenanthrene	ug/l	50.00	35.94	72	
Phenol	ug/l	50.00	15.03	30	
Pyrene	ug/l	50.00	34.71	69	
1,2,4-Trichlorobenzene	ug/l	50.00	28.60	57	
2,4,6-Trichlorophenol	ug/l	50.00	40.60	81	
Nitrobenzene-d5 (S)				75	
2-Fluorobiphenyl (S)				75	
Terphenyl-d14 (S)				82	
Phenol-d5 (S)				28	
2-Fluorophenol (S)				38	
2,4,6-Tribromophenol (S)				105	

LABORATORY CONTROL SAMPLE: 926233339

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/l	50.00	33.90	68	
Acenaphthylene	ug/l	50.00	33.92	68	
Anthracene	ug/l	50.00	39.39	79	
Benzidine	ug/l	100.00	5.477	5	2
Benzo(k)fluoranthene	ug/l	50.00	30.86	62	
Benzo(b)fluoranthene	ug/l	50.00	30.20	60	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926233339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Benzo(a)anthracene	ug/l	50.00	34.68	69	
Benzo(g,h,i)perylene	ug/l	50.00	40.83	82	
Benzo(a)pyrene	ug/l	50.00	35.69	71	
4-Bromophenylphenyl ether	ug/l	50.00	39.69	79	
Butylbenzylphthalate	ug/l	50.00	42.24	84	
4-Chloro-3-methylphenol	ug/l	50.00	41.54	83	
bis(2-Chloroethoxy)methane	ug/l	50.00	33.38	67	
bis(2-Chloroethyl) ether	ug/l	50.00	23.73	48	
bis(2-Chloroisopropyl) ether	ug/l	50.00	24.62	49	
2-Chloronaphthalene	ug/l	50.00	33.23	66	
2-Chlorophenol	ug/l	50.00	25.52	51	
4-Chlorophenylphenyl ether	ug/l	50.00	35.89	72	
Chrysene	ug/l	50.00	36.75	74	
Dibenz(a,h)anthracene	ug/l	50.00	43.27	86	
1,2-Dichlorobenzene	ug/l	50.00	21.24	42	
1,3-Dichlorobenzene	ug/l	50.00	19.21	38	
1,4-Dichlorobenzene	ug/l	50.00	20.74	42	
3,3'-Dichlorobenzidine	ug/l	100.00	42.91	43	
2,4-Dichlorophenol	ug/l	50.00	37.63	75	
Diethylphthalate	ug/l	50.00	37.21	74	
2,4-Dimethylphenol	ug/l	50.00	37.91	76	
Dimethylphthalate	ug/l	50.00	37.59	75	
Di-n-butylphthalate	ug/l	50.00	40.88	82	
4,6-Dinitro-2-methylphenol	ug/l	50.00	37.36	75	
2,4-Dinitrophenol	ug/l	50.00	29.96	60	
2,4-Dinitrotoluene	ug/l	50.00	34.95	70	
2,6-Dinitrotoluene	ug/l	50.00	39.75	80	
Di-n-octylphthalate	ug/l	50.00	43.23	86	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	43.46	87	
Fluoranthene	ug/l	50.00	33.24	66	
Fluorene	ug/l	50.00	34.95	70	
Hexachloro-1,3-butadiene	ug/l	50.00	19.87	40	
Hexachlorobenzene	ug/l	50.00	42.12	84	
Hexachlorocyclopentadiene	ug/l	50.00	26.30	53	
Hexachloroethane	ug/l	50.00	17.67	35	2
Indeno(1,2,3-cd)pyrene	ug/l	50.00	40.71	81	
Isophorone	ug/l	50.00	78.68	157	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926233339

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Naphthalene	ug/l	50.00	27.00	54	
Nitrobenzene	ug/l	50.00	29.64	59	
2-Nitrophenol	ug/l	50.00	32.91	66	
4-Nitrophenol	ug/l	50.00	18.93	38	
N-Nitrosodimethylamine	ug/l	50.00	13.61	27	
N-Nitroso-di-n-propylamine	ug/l	50.00	31.83	64	
N-Nitrosodiphenylamine	ug/l	50.00	44.60	89	
Pentachlorophenol	ug/l	50.00	36.64	73	
Phenanthrene	ug/l	50.00	36.65	73	
Phenol	ug/l	50.00	14.34	29	
Pyrene	ug/l	50.00	37.18	74	
1,2,4-Trichlorobenzene	ug/l	50.00	24.97	50	
2,4,6-Trichlorophenol	ug/l	50.00	37.66	75	
Nitrobenzene-d5 (S)				59	
2-Fluorobiphenyl (S)				64	
Terphenyl-d14 (S)				76	
Phenol-d5 (S)				26	
2-Fluorophenol (S)				33	
2,4,6-Tribromophenol (S)				95	

LABORATORY CONTROL SAMPLE: 926312398

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/l	50.00	24.45	49	
Acenaphthylene	ug/l	50.00	23.38	47	
Anthracene	ug/l	50.00	28.10	56	
Benidine	ug/l	100.00	0	0	2
Benzo(k)fluoranthene	ug/l	50.00	25.33	51	
Benzo(b)fluoranthene	ug/l	50.00	26.20	52	
Benzo(a)anthracene	ug/l	50.00	28.25	56	
Benzo(g,h,i)perylene	ug/l	50.00	27.61	55	
Benzo(a)pyrene	ug/l	50.00	28.42	57	
4-Bromophenylphenyl ether	ug/l	50.00	29.37	59	
Butylbenzylphthalate	ug/l	50.00	27.41	55	
4-Chloro-3-methylphenol	ug/l	50.00	29.11	58	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926312398

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
bis(2-Chloroethoxy)methane	ug/l	50.00	21.30	43	
bis(2-Chloroethyl) ether	ug/l	50.00	17.87	36	
bis(2-Chloroisopropyl) ether	ug/l	50.00	18.89	38	
2-Chloronaphthalene	ug/l	50.00	23.49	47	2
2-Chlorophenol	ug/l	50.00	17.64	35	
4-Chlorophenylphenyl ether	ug/l	50.00	27.48	55	
Chrysene	ug/l	50.00	28.42	57	
Dibenz(a,h)anthracene	ug/l	50.00	30.40	61	
1,2-Dichlorobenzene	ug/l	50.00	13.43	27	2
1,3-Dichlorobenzene	ug/l	50.00	12.01	24	
1,4-Dichlorobenzene	ug/l	50.00	13.10	26	
3,3'-Dichlorobenzidine	ug/l	100.00	18.28	18	
2,4-Dichlorophenol	ug/l	50.00	25.22	50	
Diethylphthalate	ug/l	50.00	28.58	57	
2,4-Dimethylphenol	ug/l	50.00	26.46	53	
Dimethylphthalate	ug/l	50.00	27.56	55	
Di-n-butylphthalate	ug/l	50.00	28.21	56	
4,6-Dinitro-2-methylphenol	ug/l	50.00	29.68	59	
2,4-Dinitrophenol	ug/l	50.00	22.56	45	
2,4-Dinitrotoluene	ug/l	50.00	25.72	51	
2,6-Dinitrotoluene	ug/l	50.00	28.62	57	
Di-n-octylphthalate	ug/l	50.00	26.51	53	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	28.03	56	
Fluoranthene	ug/l	50.00	26.48	53	
Fluorene	ug/l	50.00	25.72	51	
Hexachloro-1,3-butadiene	ug/l	50.00	15.30	31	
Hexachlorobenzene	ug/l	50.00	30.22	60	
Hexachlorocyclopentadiene	ug/l	50.00	21.87	44	
Hexachloroethane	ug/l	50.00	11.98	24	2
Indeno(1,2,3-cd)pyrene	ug/l	50.00	28.27	56	
Isophorone	ug/l	50.00	54.99	110	
Naphthalene	ug/l	50.00	18.23	36	
Nitrobenzene	ug/l	50.00	21.15	42	
2-Nitrophenol	ug/l	50.00	20.01	40	
4-Nitrophenol	ug/l	50.00	14.00	28	
N-Nitrosodimethylamine	ug/l	50.00	9.745	20	
N-Nitroso-di-n-propylamine	ug/l	50.00	24.03	48	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926312398

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
N-Nitrosodiphenylamine	ug/l	50.00	16.66	33	
Pentachlorophenol	ug/l	50.00	33.00	66	
Phenanthrene	ug/l	50.00	26.92	54	
Phenol	ug/l	50.00	9.571	19	
Pyrene	ug/l	50.00	27.78	56	
1,2,4-Trichlorobenzene	ug/l	50.00	17.12	34	2
2,4,6-Trichlorophenol	ug/l	50.00	29.11	58	
Nitrobenzene-d5 (S)				46	
2-Fluorobiphenyl (S)				54	
Terphenyl-d14 (S)				66	
Phenol-d5 (S)				18	
2-Fluorophenol (S)				25	
2,4,6-Tribromophenol (S)				74	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926225491 926225509

Parameter	Units	926215500	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/l	5.012	100.00	74.55	76.15	70	71	2	
Acenaphthylene	ug/l	0	100.00	65.69	67.81	66	68	3	
Anthracene	ug/l	0	100.00	73.44	75.90	73	76	3	
Benzidine	ug/l	0	200.00	2.185	2.190	1	1	0	2, 2
Benzo(k)fluoranthene	ug/l	0	100.00	60.21	64.90	60	65	8	
Benzo(b)fluoranthene	ug/l	0	100.00	59.46	59.76	60	60	0	
Benzo(a)anthracene	ug/l	0	100.00	66.56	70.47	67	70	6	
Benzo(g,h,i)perylene	ug/l	0	100.00	73.69	77.53	74	78	5	
Benzo(a)pyrene	ug/l	0	100.00	67.03	69.41	67	69	3	
4-Bromophenylphenyl ether	ug/l	0	100.00	71.53	75.27	72	75	5	
Butylbenzylphthalate	ug/l	0	100.00	81.26	85.64	81	86	5	
4-Chloro-3-methylphenol	ug/l	0	100.00	79.46	83.81	80	84	5	
bis(2-Chloroethoxy)methane	ug/l	0	100.00	74.09	80.73	74	81	9	
bis(2-Chloroethyl) ether	ug/l	0	100.00	56.00	60.92	56	61	8	
bis(2-Chloroisopropyl) ether	ug/l	0	100.00	57.98	61.96	58	62	7	
2-Chloronaphthalene	ug/l	0	100.00	66.14	69.08	66	69	4	
2-Chlorophenol	ug/l	0	100.00	58.88	63.64	59	64	8	
4-Chlorophenylphenyl ether	ug/l	0	100.00	65.90	69.07	66	69	5	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926225491 926225509

Parameter	Units	926215500	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Chrysene	ug/l	0	100.00	68.64	72.38	69	72	5	
Dibenz(a,h)anthracene	ug/l	0	100.00	76.88	82.17	77	82	7	
1,2-Dichlorobenzene	ug/l	0	100.00	38.05	40.79	38	41	7	
1,3-Dichlorobenzene	ug/l	0	100.00	29.49	32.20	30	32	9	
1,4-Dichlorobenzene	ug/l	0	100.00	33.66	35.60	34	36	6	
3,3'-Dichlorobenzidine	ug/l	0	100.00	69.72	64.49	70	64	8	
2,4-Dichlorophenol	ug/l	0	100.00	78.16	83.96	78	84	7	
Diethylphthalate	ug/l	0	100.00	75.26	77.31	75	77	3	
2,4-Dimethylphenol	ug/l	0	100.00	79.28	78.26	79	78	1	
Dimethylphthalate	ug/l	0	100.00	73.67	77.48	74	78	5	
Di-n-butylphthalate	ug/l	2.596	100.00	77.18	83.33	75	81	8	
4,6-Dinitro-2-methylphenol	ug/l	0	100.00	68.88	74.96	69	75	8	
2,4-Dinitrophenol	ug/l	0	100.00	57.12	62.13	57	62	8	
2,4-Dinitrotoluene	ug/l	0	100.00	68.20	69.92	68	70	2	
2,6-Dinitrotoluene	ug/l	0	100.00	78.44	80.80	78	81	3	
Di-n-octylphthalate	ug/l	0	100.00	83.19	85.31	83	85	3	
bis(2-Ethylhexyl)phthalate	ug/l	0	100.00	83.52	87.22	84	87	4	
Fluoranthene	ug/l	0	100.00	65.15	68.24	65	68	5	
Fluorene	ug/l	0	100.00	68.20	69.92	68	70	2	
Hexachloro-1,3-butadiene	ug/l	0	100.00	19.69	24.84	20	25	23	2
Hexachlorobenzene	ug/l	0	100.00	75.14	76.49	75	76	2	
Hexachlorocyclopentadiene	ug/l	0	100.00	25.07	30.10	25	30	18	
Hexachloroethane	ug/l	0	100.00	20.35	20.69	20	21	2	2,2
Indeno(1,2,3-cd)pyrene	ug/l	0	100.00	72.26	76.63	72	77	6	
Isophorone	ug/l	0	100.00	154.9	165.8	155	166	7	
Naphthalene	ug/l	0	100.00	92.08	98.51	92	98	7	
Nitrobenzene	ug/l	0	100.00	67.80	72.59	68	73	7	
2-Nitrophenol	ug/l	0	100.00	74.50	80.38	74	80	8	
4-Nitrophenol	ug/l	0	100.00	33.55	33.41	34	33	0	
N-Nitrosodimethylamine	ug/l	0	100.00	28.76	34.12	29	34	17	
N-Nitroso-di-n-propylamine	ug/l	0	100.00	70.85	74.38	71	74	5	
N-Nitrosodiphenylamine	ug/l	0	100.00	82.60	86.35	83	86	4	
Pentachlorophenol	ug/l	0	100.00	68.41	73.31	68	73	7	
Phenanthrene	ug/l	0	100.00	68.75	71.69	69	72	4	
Phenol	ug/l	0	100.00	28.56	31.03	29	31	8	
Pyrene	ug/l	0	100.00	71.20	74.28	71	74	4	
1,2,4-Trichlorobenzene	ug/l	0	100.00	43.47	49.88	44	50	14	

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 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926225491 926225509

Parameter	Units	926215500	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
2,4,6-Trichlorophenol	ug/l	0	100.00	77.47	80.72	78	81	4	
Nitrobenzene-d5 (S)						71	77		
2-Fluorobiphenyl (S)						69	73		
Terphenyl-d14 (S)						82	85		
Phenol-d5 (S)						27	30		
2-Fluorophenol (S)						38	40		
2,4,6-Tribromophenol (S)						100	105		

SAMPLE DUPLICATE: 926225517

Parameter	Units	504975343	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/l	ND	ND	NC	
Acenaphthylene	ug/l	ND	ND	NC	
Anthracene	ug/l	ND	ND	NC	
Benzidine	ug/l	ND	ND	NC	
Benzo(k)fluoranthene	ug/l	ND	ND	NC	
Benzo(b)fluoranthene	ug/l	ND	ND	NC	
Benzo(a)anthracene	ug/l	ND	ND	NC	
Benzo(g,h,i)perylene	ug/l	ND	ND	NC	
Benzo(a)pyrene	ug/l	ND	ND	NC	
4-Bromophenylphenyl ether	ug/l	ND	ND	NC	
Butylbenzylphthalate	ug/l	ND	ND	NC	
4-Chloro-3-methylphenol	ug/l	ND	ND	NC	
bis(2-Chloroethoxy)methane	ug/l	ND	ND	NC	
bis(2-Chloroethyl) ether	ug/l	ND	ND	NC	
bis(2-Chloroisopropyl) ether	ug/l	ND	ND	NC	
2-Chloronaphthalene	ug/l	ND	ND	NC	
2-Chlorophenol	ug/l	ND	ND	NC	
4-Chlorophenylphenyl ether	ug/l	ND	ND	NC	
Chrysene	ug/l	ND	ND	NC	
Dibenz(a,h)anthracene	ug/l	ND	ND	NC	
1,2-Dichlorobenzene	ug/l	ND	ND	NC	
1,3-Dichlorobenzene	ug/l	ND	ND	NC	
1,4-Dichlorobenzene	ug/l	ND	ND	NC	
3,3'-Dichlorobenzidine	ug/l	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926225517

Parameter	Units	504975343	DUP	RPD	Footnotes
		Result	Result		
2,4-Dichloropheno1	ug/l	ND	ND	NC	
Diethylphthalate	ug/l	ND	ND	NC	
2,4-Dimethylpheno1	ug/l	ND	ND	NC	
Dimethylphthalate	ug/l	ND	ND	NC	
Di-n-butylphthalate	ug/l	ND	ND	NC	
4,6-Dinitro-2-methylpheno1	ug/l	ND	ND	NC	
2,4-Dinitropheno1	ug/l	ND	ND	NC	
2,4-Dinitrotoluene	ug/l	ND	ND	NC	
2,6-Dinitrotoluene	ug/l	ND	ND	NC	
Di-n-octylphthalate	ug/l	ND	ND	NC	
bis(2-Ethylhexyl)phthalate	ug/l	ND	ND	NC	
Fluoranthene	ug/l	ND	ND	NC	
Fluorene	ug/l	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/l	ND	ND	NC	
Hexachlorobenzene	ug/l	ND	ND	NC	
Hexachlorocyclopentadiene	ug/l	ND	ND	NC	
Hexachloroethane	ug/l	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/l	ND	ND	NC	
Isophorone	ug/l	ND	ND	NC	
Naphthalene	ug/l	ND	ND	NC	
Nitrobenzene	ug/l	ND	ND	NC	
2-Nitropheno1	ug/l	ND	ND	NC	
4-Nitropheno1	ug/l	ND	ND	NC	
N-Nitrosodimethylamine	ug/l	ND	ND	NC	
N-Nitroso-di-n-propylamine	ug/l	ND	ND	NC	
N-Nitrosodiphenylamine	ug/l	ND	ND	NC	
Pentachloropheno1	ug/l	ND	ND	NC	
Phenanthrene	ug/l	ND	ND	NC	
Pheno1	ug/l	ND	ND	NC	
Pyrene	ug/l	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/l	ND	ND	NC	
2,4,6-Trichloropheno1	ug/l	ND	ND	NC	
Nitrobenzene-d5 (S)	%	74	74		
2-Fluorobiphenyl (S)	%	69	66		
Terphenyl-d14 (S)	%	96	94		
Pheno1-d5 (S)	%	29	69		
2-Fluoropheno1 (S)	%	26	51		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926225517

<u>Parameter</u>	<u>Units</u>	504975343 <u>Result</u>	DUP <u>Result</u>	<u>RPD</u>	<u>Footnotes</u>
2,4,6-Tribromophenol (S)	%	104	102		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926312554
 Associated Lab Samples: 926288457 926288465 926288473 926288481 926288499 926288507

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Dimethylphthalate	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926312554

Associated Lab Samples: 926288457 926288465 926288473 926288481 926288499 926288507

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Nitrobenzene-d5 (S)	%	71		
2-Fluorobiphenyl (S)	%	70		
Terphenyl-d14 (S)	%	79		
Phenol-d5 (S)	%	70		
2-Fluorophenol (S)	%	67		
2,4,6-Tribromophenol (S)	%	83		

LABORATORY CONTROL SAMPLE: 926312562

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/kg	1667.00	1236	74	
Acenaphthylene	ug/kg	1667.00	1244	75	
Anthracene	ug/kg	1667.00	1316	79	
Benzo(k)fluoranthene	ug/kg	1667.00	1217	73	
Benzo(b)fluoranthene	ug/kg	1667.00	1158	70	
Benzo(a)anthracene	ug/kg	1667.00	1296	78	
Benzoic acid	ug/kg	1667.00	175.3	10	
Benzo(g,h,i)perylene	ug/kg	1667.00	1223	73	
Benzyl alcohol	ug/kg	1667.00	1422	85	
Benzo(a)pyrene	ug/kg	1667.00	1294	78	
4-Bromophenylphenyl ether	ug/kg	1667.00	1355	81	
Butylbenzylphthalate	ug/kg	1667.00	1262	76	
4-Chloro-3-methylphenol	ug/kg	1667.00	1459	88	
4-Chloroaniline	ug/kg	1667.00	1001	60	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1289	77	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1221	73	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1291	77	
2-Chloronaphthalene	ug/kg	1667.00	1273	76	
2-Chlorophenol	ug/kg	1667.00	1255	75	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1337	80	
Chrysene	ug/kg	1667.00	1311	79	
Dibenz(a,h)anthracene	ug/kg	1667.00	1373	82	
Dibenzofuran	ug/kg	1667.00	1329	80	
1,2-Dichlorobenzene	ug/kg	1667.00	1213	73	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926312562

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,3-Dichlorobenzene	ug/kg	1667.00	1178	71	
1,4-Dichlorobenzene	ug/kg	1667.00	1196	72	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1142	34	
2,4-Dichlorophenol	ug/kg	1667.00	1355	81	
Diethylphthalate	ug/kg	1667.00	1344	81	
2,4-Dimethylphenol	ug/kg	1667.00	1397	84	
Dimethylphthalate	ug/kg	1667.00	1335	80	
Di-n-butylphthalate	ug/kg	1667.00	1276	77	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1102	66	
2,4-Dinitrophenol	ug/kg	1667.00	816.4	49	
2,4-Dinitrotoluene	ug/kg	1667.00	1247	75	
2,6-Dinitrotoluene	ug/kg	1667.00	1397	84	
Di-n-octylphthalate	ug/kg	1667.00	1223	73	
1,2-Diphenylhydrazine	ug/kg	1667.00	1156	69	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1268	76	
Fluoranthene	ug/kg	1667.00	1231	74	
Fluorene	ug/kg	1667.00	1247	75	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1398	84	
Hexachlorobenzene	ug/kg	1667.00	1368	82	
Hexachlorocyclopentadiene	ug/kg	1667.00	1248	75	
Hexachloroethane	ug/kg	1667.00	1254	75	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1255	75	
Isophorone	ug/kg	1667.00	2902	174	1
2-Methylnaphthalene	ug/kg	1667.00	1283	77	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1335	80	
3&4-Methylphenol	ug/kg	1667.00	1272	76	
Naphthalene	ug/kg	1667.00	1174	70	
2-Nitroaniline	ug/kg	1667.00	1118	67	
3-Nitroaniline	ug/kg	1667.00	821.9	49	
4-Nitroaniline	ug/kg	1667.00	1271	76	
Nitrobenzene	ug/kg	1667.00	1403	84	
2-Nitrophenol	ug/kg	1667.00	1252	75	
4-Nitrophenol	ug/kg	1667.00	1372	82	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1379	83	
N-Nitrosodiphenylamine	ug/kg	1667.00	1545	93	
Pentachlorophenol	ug/kg	1667.00	1423	85	
Phenanthrene	ug/kg	1667.00	1241	74	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926312562

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Phenol	ug/kg	1667.00	1355	81	
Pyrene	ug/kg	1667.00	1266	76	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1314	79	
2,4,5-Trichlorophenol	ug/kg	1667.00	1383	83	
2,4,6-Trichlorophenol	ug/kg	1667.00	1400	84	
Nitrobenzene-d5 (S)				90	
2-Fluorobiphenyl (S)				84	
Terphenyl-d14 (S)				89	
Phenol-d5 (S)				85	
2-Fluorophenol (S)				84	
2,4,6-Tribromophenol (S)				98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926312570 926312588

Parameter	Units	926278516	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	1873.00	1361	1400	73	75	3	
4-Chloro-3-methylphenol	ug/kg	0	1873.00	1565	1641	84	88	5	
2-Chlorophenol	ug/kg	0	1873.00	1329	1385	71	74	4	
1,4-Dichlorobenzene	ug/kg	0	1873.00	1255	1240	67	66	1	
2,4-Dinitrotoluene	ug/kg	0	1873.00	1374	1410	73	75	3	
4-Nitrophenol	ug/kg	0	1873.00	1574	1636	84	87	4	
N-Nitroso-di-n-propylamine	ug/kg	0	1873.00	1560	1625	83	87	4	
Pentachlorophenol	ug/kg	0	1873.00	1446	1514	77	81	5	
Phenol	ug/kg	0	1873.00	1483	1576	79	84	6	
Pyrene	ug/kg	0	1873.00	1336	1445	71	77	8	
1,2,4-Trichlorobenzene	ug/kg	0	1873.00	1397	1471	75	78	5	
Nitrobenzene-d5 (S)						85	88		
2-Fluorobiphenyl (S)						85	89		
Terphenyl-d14 (S)						85	91		
Phenol-d5 (S)						83	85		
2-Fluorophenol (S)						74	72		
2,4,6-Tribromophenol (S)						82	76		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926312596

Parameter	Units	926290123	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	73	64		
2-Fluorobiphenyl (S)	%	68	56		
Terphenyl-d14 (S)	%	46	42		
2-Methylnaphthalene	ug/kg		ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 142350	Analysis Method: EPA 8270
QC Batch Method: EPA 3545	Analysis Description: Semivolatile Organics
Associated Lab Samples:	926288515 926288523 926288531

METHOD BLANK: 926325440
Associated Lab Samples: 926288515 926288523 926288531

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acenaphthene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
Benzoic acid	ug/kg	ND	1600	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Benzyl alcohol	ug/kg	ND	660	
Benzo(a)pyrene	ug/kg	ND	330	
4-Bromophenylphenyl ether	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
4-Chloroaniline	ug/kg	ND	660	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
bis(2-Chloroethyl) ether	ug/kg	ND	330	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
4-Chlorophenylphenyl ether	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Dibenzofuran	ug/kg	ND	330	
1,2-Dichlorobenzene	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
2,4-Dichlorophenol	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Dimethylphthalate	ug/kg	ND	330	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926325440
 Associated Lab Samples: 926288515 926288523 926288531

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	79		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926325440

Associated Lab Samples: 926288515 926288523 926288531

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
2-Fluorobiphenyl (S)	%	68		
Terphenyl-d14 (S)	%	83		
Phenol-d5 (S)	%	74		
2-Fluorophenol (S)	%	70		
2,4,6-Tribromophenol (S)	%	84		

LABORATORY CONTROL SAMPLE: 926325457

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/kg	1667.00	1246	75	
Acenaphthylene	ug/kg	1667.00	1245	75	
Anthracene	ug/kg	1667.00	1334	80	
Benzo(k)fluoranthene	ug/kg	1667.00	1302	78	
Benzo(b)fluoranthene	ug/kg	1667.00	1251	75	
Benzo(a)anthracene	ug/kg	1667.00	1307	78	
Benzoic acid	ug/kg	1667.00	564.0	34	
Benzo(g,h,i)perylene	ug/kg	1667.00	675.2	40	
Benzyl alcohol	ug/kg	1667.00	1450	87	
Benzo(a)pyrene	ug/kg	1667.00	1341	80	
4-Bromophenylphenyl ether	ug/kg	1667.00	1351	81	
Butylbenzylphthalate	ug/kg	1667.00	1265	76	
4-Chloro-3-methylphenol	ug/kg	1667.00	1518	91	
4-Chloroaniline	ug/kg	1667.00	1223	73	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1318	79	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1197	72	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1292	78	
2-Chloronaphthalene	ug/kg	1667.00	1286	77	
2-Chlorophenol	ug/kg	1667.00	1195	72	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1352	81	
Chrysene	ug/kg	1667.00	1303	78	
Dibenz(a,h)anthracene	ug/kg	1667.00	894.3	54	
Dibenzofuran	ug/kg	1667.00	1361	82	
1,2-Dichlorobenzene	ug/kg	1667.00	1101	66	
1,3-Dichlorobenzene	ug/kg	1667.00	1077	65	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926325457

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,4-Dichlorobenzene	ug/kg	1667.00	1103	66	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1082	32	
2,4-Dichlorophenol	ug/kg	1667.00	1350	81	
Diethylphthalate	ug/kg	1667.00	1351	81	
2,4-Dimethylphenol	ug/kg	1667.00	1205	72	
Dimethylphthalate	ug/kg	1667.00	1300	78	
Di-n-butylphthalate	ug/kg	1667.00	1291	77	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	977.5	59	
2,4-Dinitrophenol	ug/kg	1667.00	198.9	12	
2,4-Dinitrotoluene	ug/kg	1667.00	1279	77	
2,6-Dinitrotoluene	ug/kg	1667.00	1383	83	
Di-n-octylphthalate	ug/kg	1667.00	1198	72	
1,2-Diphenylhydrazine	ug/kg	1667.00	1147	69	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1331	80	
Fluoranthene	ug/kg	1667.00	1284	77	
Fluorene	ug/kg	1667.00	1279	77	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1385	83	
Hexachlorobenzene	ug/kg	1667.00	1384	83	
Hexachlorocyclopentadiene	ug/kg	1667.00	851.4	51	
Hexachloroethane	ug/kg	1667.00	1197	72	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	845.9	51	
Isophorone	ug/kg	1667.00	2930	176	1
2-Methylnaphthalene	ug/kg	1667.00	1324	80	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1387	83	
3&4-Methylphenol	ug/kg	1667.00	1346	81	
Naphthalene	ug/kg	1667.00	1190	71	
2-Nitroaniline	ug/kg	1667.00	1108	66	
3-Nitroaniline	ug/kg	1667.00	981.6	59	
4-Nitroaniline	ug/kg	1667.00	1236	74	
Nitrobenzene	ug/kg	1667.00	1438	86	
2-Nitrophenol	ug/kg	1667.00	1238	74	
4-Nitrophenol	ug/kg	1667.00	1611	97	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1450	87	
N-Nitrosodiphenylamine	ug/kg	1667.00	1510	91	
Pentachlorophenol	ug/kg	1667.00	1358	82	
Phenanthrene	ug/kg	1667.00	1246	75	
Phenol	ug/kg	1667.00	1398	84	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926325457

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Pyrene	ug/kg	1667.00	1334	80	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1300	78	
2,4,5-Trichlorophenol	ug/kg	1667.00	1470	88	
2,4,6-Trichlorophenol	ug/kg	1667.00	1467	88	
Nitrobenzene-d5 (S)				90	
2-Fluorobiphenyl (S)				89	
Terphenyl-d14 (S)				94	
Phenol-d5 (S)				87	
2-Fluorophenol (S)				75	
2,4,6-Tribromophenol (S)				99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926325473 926325481

Parameter	Units	926289588	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	1821.00	1091	1097	60	60	1	
4-Chloro-3-methylphenol	ug/kg	0	1821.00	1383	1411	76	78	2	
2-Chlorophenol	ug/kg	0	1821.00	806.3	866.3	44	48	7	
1,4-Dichlorobenzene	ug/kg	0	1821.00	644.9	666.5	35	37	3	
2,4-Dinitrotoluene	ug/kg	0	1821.00	1176	1159	65	64	1	
4-Nitrophenol	ug/kg	0	1821.00	1595	1560	88	86	2	
N-Nitroso-di-n-propylamine	ug/kg	0	1821.00	1081	1113	59	61	3	
Pentachlorophenol	ug/kg	0	1821.00	1464	1490	80	82	2	
Phenol	ug/kg	0	1821.00	974.3	1064	54	58	9	
Pyrene	ug/kg	0	1821.00	1267	1279	70	70	1	
1,2,4-Trichlorobenzene	ug/kg	0	1821.00	851.4	889.6	47	49	4	
Nitrobenzene-d5 (S)						53	56		
2-Fluorobiphenyl (S)						64	67		
Terphenyl-d14 (S)						80	82		
Phenol-d5 (S)						55	59		
2-Fluorophenol (S)						41	42		
2,4,6-Tribromophenol (S)						79	77		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926325465

Parameter	Units	926288515	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzoic acid	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzyl alcohol	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
4-Bromophenylphenyl ether	ug/kg	ND	ND	NC	
Butylbenzylphthalate	ug/kg	ND	ND	NC	
4-Chloro-3-methylphenol	ug/kg	ND	ND	NC	
4-Chloroaniline	ug/kg	ND	ND	NC	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND	NC	
bis(2-Chloroethyl) ether	ug/kg	ND	ND	NC	
bis(2-Chloroisopropyl) ether	ug/kg	ND	ND	NC	
2-Chloronaphthalene	ug/kg	ND	ND	NC	
2-Chlorophenol	ug/kg	ND	ND	NC	
4-Chlorophenylphenyl ether	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Dibenzofuran	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
3,3'-Dichlorobenzidine	ug/kg	ND	ND	NC	
2,4-Dichlorophenol	ug/kg	ND	ND	NC	
Diethylphthalate	ug/kg	ND	ND	NC	
2,4-Dimethylphenol	ug/kg	ND	ND	NC	
Dimethylphthalate	ug/kg	ND	ND	NC	
Di-n-butylphthalate	ug/kg	ND	ND	NC	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND	NC	
2,4-Dinitrophenol	ug/kg	ND	ND	NC	
2,4-Dinitrotoluene	ug/kg	ND	ND	NC	
2,6-Dinitrotoluene	ug/kg	ND	ND	NC	
Di-n-octylphthalate	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926325465

Parameter	Units	926288515	DUP	RPD	Footnotes
		Result	Result		
1,2-Diphenylhydrazine	ug/kg	ND	ND	NC	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
Hexachlorobenzene	ug/kg	ND	ND	NC	
Hexachlorocyclopentadiene	ug/kg	ND	ND	NC	
Hexachloroethane	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Isophorone	ug/kg	ND	ND	NC	
2-Methylnaphthalene	ug/kg	ND	ND	NC	
2-Methylphenol (o-Cresol)	ug/kg	ND	ND	NC	
3&4-Methylphenol	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
2-Nitroaniline	ug/kg	ND	ND	NC	
3-Nitroaniline	ug/kg	ND	ND	NC	
4-Nitroaniline	ug/kg	ND	ND	NC	
Nitrobenzene	ug/kg	ND	ND	NC	
2-Nitrophenol	ug/kg	ND	ND	NC	
4-Nitrophenol	ug/kg	ND	ND	NC	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND	NC	
N-Nitrosodiphenylamine	ug/kg	ND	ND	NC	
Pentachlorophenol	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Phenol	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
2,4,5-Trichlorophenol	ug/kg	ND	ND	NC	
2,4,6-Trichlorophenol	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	60	67		
2-Fluorobiphenyl (S)	%	50	68		
Terphenyl-d14 (S)	%	78	82		
Phenol-d5 (S)	%	51	60		
2-Fluorophenol (S)	%	42	52		
2,4,6-Tribromophenol (S)	%	48	49		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926327933
 Associated Lab Samples: 926288549 926288556

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	80		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926327933
Associated Lab Samples: 926288549 926288556

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
2-Fluorobiphenyl (S)	%	70		
Terphenyl-d14 (S)	%	69		
Phenol-d5 (S)	%	71		
2-Fluorophenol (S)	%	70		
2,4,6-Tribromophenol (S)	%	75		

LABORATORY CONTROL SAMPLE: 926327941

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/kg	1667.00	1056	63	
Acenaphthylene	ug/kg	1667.00	1027	62	
Anthracene	ug/kg	1667.00	1163	70	
Benzo(k)fluoranthene	ug/kg	1667.00	1090	65	
Benzo(b)fluoranthene	ug/kg	1667.00	1052	63	
Benzo(a)anthracene	ug/kg	1667.00	1173	70	
Benzoic acid	ug/kg	1667.00	779.8	47	
Benzo(g,h,i)perylene	ug/kg	1667.00	1084	65	
Benzyl alcohol	ug/kg	1667.00	1182	71	
Benzo(a)pyrene	ug/kg	1667.00	1161	70	
4-Bromophenylphenyl ether	ug/kg	1667.00	1207	72	
Butylbenzylphthalate	ug/kg	1667.00	1095	66	
4-Chloro-3-methylphenol	ug/kg	1667.00	1287	77	
4-Chloroaniline	ug/kg	1667.00	1047	63	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1014	61	
bis(2-Chloroethyl) ether	ug/kg	1667.00	846.6	51	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	961.8	58	
2-Chloronaphthalene	ug/kg	1667.00	1037	62	
2-Chlorophenol	ug/kg	1667.00	848.6	51	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1211	73	
Chrysene	ug/kg	1667.00	1160	70	
Dibenz(a,h)anthracene	ug/kg	1667.00	1244	75	
Dibenzofuran	ug/kg	1667.00	1157	69	
1,2-Dichlorobenzene	ug/kg	1667.00	799.9	48	
1,3-Dichlorobenzene	ug/kg	1667.00	774.0	46	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926327941

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,4-Dichlorobenzene	ug/kg	1667.00	783.9	47	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1009	30	
2,4-Dichlorophenol	ug/kg	1667.00	1081	65	
Diethylphthalate	ug/kg	1667.00	1199	72	
2,4-Dimethylphenol	ug/kg	1667.00	1133	68	
Dimethylphthalate	ug/kg	1667.00	1138	68	
Di-n-butylphthalate	ug/kg	1667.00	1128	68	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1095	66	
2,4-Dinitrophenol	ug/kg	1667.00	761.7	46	
2,4-Dinitrotoluene	ug/kg	1667.00	1094	66	
2,6-Dinitrotoluene	ug/kg	1667.00	1190	71	
Di-n-octylphthalate	ug/kg	1667.00	1033	62	
1,2-Diphenylhydrazine	ug/kg	1667.00	1044	63	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1142	68	
Fluoranthene	ug/kg	1667.00	1151	69	
Fluorene	ug/kg	1667.00	1094	66	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1041	62	
Hexachlorobenzene	ug/kg	1667.00	1263	76	
Hexachlorocyclopentadiene	ug/kg	1667.00	976.3	59	
Hexachloroethane	ug/kg	1667.00	883.7	53	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1144	69	
Isophorone	ug/kg	1667.00	2420	145	1
2-Methylnaphthalene	ug/kg	1667.00	1009	60	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	985.7	59	
3&4-Methylphenol	ug/kg	1667.00	1015	61	
Naphthalene	ug/kg	1667.00	843.0	51	
2-Nitroaniline	ug/kg	1667.00	954.0	57	
3-Nitroaniline	ug/kg	1667.00	877.4	53	
4-Nitroaniline	ug/kg	1667.00	992.9	60	
Nitrobenzene	ug/kg	1667.00	1060	64	
2-Nitrophenol	ug/kg	1667.00	904.4	54	
4-Nitrophenol	ug/kg	1667.00	1424	85	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1121	67	
N-Nitrosodiphenylamine	ug/kg	1667.00	1120	67	
Pentachlorophenol	ug/kg	1667.00	1236	74	
Phenanthrene	ug/kg	1667.00	1089	65	
Phenol	ug/kg	1667.00	1002	60	

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REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
EI MCI AD E876A9

QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926327941

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Pyrene	ug/kg	1667.00	1091	66	
1,2,4-Trichlorobenzene	ug/kg	1667.00	930.8	56	
2,4,5-Trichlorophenol	ug/kg	1667.00	1259	76	
2,4,6-Trichlorophenol	ug/kg	1667.00	1245	75	
Nitrobenzene-d5 (S)				67	
2-Fluorobiphenyl (S)				71	
Terphenyl-d14 (S)				78	
Phenol-d5 (S)				63	
2-Fluorophenol (S)				55	
2,4,6-Tribromophenol (S)				94	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926327958 926327966

Parameter	Units	926288556	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	1879.00	1169	1013	62	54	14	
4-Chloro-3-methylphenol	ug/kg	0	1879.00	1400	1160	74	62	19	
2-Chlorophenol	ug/kg	0	1879.00	1201	1032	64	55	15	
1,4-Dichlorobenzene	ug/kg	0	1879.00	1155	1051	62	56	9	
2,4-Dinitrotoluene	ug/kg	0	1879.00	1187	1040	63	55	13	
4-Nitrophenol	ug/kg	0	1879.00	1448	1278	77	68	12	
N-Nitroso-di-n-propylamine	ug/kg	0	1879.00	1386	1209	74	64	14	
Pentachlorophenol	ug/kg	0	1879.00	1247	1021	66	54	20	
Phenol	ug/kg	0	1879.00	1345	1178	72	63	13	
Pyrene	ug/kg	0	1879.00	1148	1018	61	54	12	
1,2,4-Trichlorobenzene	ug/kg	0	1879.00	1315	1206	70	64	9	
Nitrobenzene-d5 (S)						79	75		
2-Fluorobiphenyl (S)						74	66		
Terphenyl-d14 (S)						72	66		
Phenol-d5 (S)						73	66		
2-Fluorophenol (S)						65	62		
2,4,6-Tribromophenol (S)						82	68		

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 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926327974

Parameter	Units	926298399	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	25	38		
2-Fluorobiphenyl (S)	%	44	33		
Terphenyl-d14 (S)	%	69	48		
2-Methylnaphthalene	ug/kg		ND	NC	

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Charlotte Certification IDs
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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926316035

Associated Lab Samples: 926288457 926288465 926288473 926288481 926288499 926288507 926288515
 926288523 926288531 926288549 926288556

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	

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 SC 99006
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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

METHOD BLANK: 926316035

Associated Lab Samples: 926288457 926288465 926288473 926288481 926288499 926288507 926288515
926288523 926288531 926288549 926288556

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	98		
4-Bromofluorobenzene (S)	%	95		
Dibromofluoromethane (S)	%	108		
1,2-Dichloroethane-d4 (S)	%	107		

LABORATORY CONTROL SAMPLE: 926316043

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acetone	ug/kg	100.00	97.86	98	
Benzene	ug/kg	50.00	45.79	92	
Bromobenzene	ug/kg	50.00	51.36	103	
Bromochloromethane	ug/kg	50.00	47.06	94	
Bromodichloromethane	ug/kg	50.00	47.06	94	
Bromoform	ug/kg	50.00	50.53	101	
Bromomethane	ug/kg	50.00	56.62	113	
2-Butanone (MEK)	ug/kg	100.00	91.41	91	
n-Butylbenzene	ug/kg	50.00	44.12	88	
sec-Butylbenzene	ug/kg	50.00	53.62	107	
tert-Butylbenzene	ug/kg	50.00	53.70	107	
Carbon tetrachloride	ug/kg	50.00	47.79	96	
Chlorobenzene	ug/kg	50.00	47.08	94	
Chloroethane	ug/kg	50.00	25.96	52	
Chloroform	ug/kg	50.00	49.92	100	
Chloromethane	ug/kg	50.00	45.25	90	
2-Chlorotoluene	ug/kg	50.00	50.12	100	
4-Chlorotoluene	ug/kg	50.00	48.06	96	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	50.81	102	
Dibromochloromethane	ug/kg	50.00	49.33	99	
1,2-Dibromoethane (EDB)	ug/kg	50.00	51.80	104	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926316043

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Dibromomethane	ug/kg	50.00	48.35	97	
1,2-Dichlorobenzene	ug/kg	50.00	46.29	93	
1,3-Dichlorobenzene	ug/kg	50.00	45.84	92	
1,4-Dichlorobenzene	ug/kg	50.00	45.81	92	
Dichlorodifluoromethane	ug/kg	50.00	40.28	81	
1,1-Dichloroethane	ug/kg	50.00	48.74	98	
1,2-Dichloroethane	ug/kg	50.00	48.66	97	
1,1-Dichloroethene	ug/kg	50.00	51.42	103	
cis-1,2-Dichloroethene	ug/kg	50.00	43.77	88	
trans-1,2-Dichloroethene	ug/kg	50.00	46.36	93	
1,2-Dichloropropane	ug/kg	50.00	49.20	98	
1,3-Dichloropropane	ug/kg	50.00	52.23	104	
2,2-Dichloropropane	ug/kg	50.00	39.37	79	
1,1-Dichloropropene	ug/kg	50.00	50.20	100	
cis-1,3-Dichloropropene	ug/kg	50.00	47.14	94	
trans-1,3-Dichloropropene	ug/kg	50.00	45.97	92	
Diisopropyl ether	ug/kg	50.00	46.70	93	
Ethylbenzene	ug/kg	50.00	46.18	92	
Hexachloro-1,3-butadiene	ug/kg	50.00	49.40	99	
2-Hexanone	ug/kg	100.00	137.4	137	
Isopropylbenzene (Cumene)	ug/kg	50.00	53.49	107	
p-Isopropyltoluene	ug/kg	50.00	46.18	92	
Methylene chloride	ug/kg	50.00	52.53	105	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	108.5	108	
Methyl-tert-butyl ether	ug/kg	50.00	46.73	94	
Naphthalene	ug/kg	50.00	44.08	88	
n-Propylbenzene	ug/kg	50.00	50.86	102	
Styrene	ug/kg	50.00	49.84	100	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	49.20	98	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	49.86	100	
Tetrachloroethene	ug/kg	50.00	46.82	94	
Toluene	ug/kg	50.00	43.26	86	
1,2,3-Trichlorobenzene	ug/kg	50.00	45.01	90	
1,2,4-Trichlorobenzene	ug/kg	50.00	39.76	80	
1,1,1-Trichloroethane	ug/kg	50.00	47.96	96	
1,1,2-Trichloroethane	ug/kg	50.00	50.73	101	
Trichloroethene	ug/kg	50.00	46.03	92	

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NC Wastewater 12
NC Drinking Water 37706
SC 99006
EI MEI AD E97619

QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

LABORATORY CONTROL SAMPLE: 926316043

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Trichlorofluoromethane	ug/kg	50.00	49.11	98	
1,2,3-Trichloropropane	ug/kg	50.00	51.16	102	
1,2,4-Trimethylbenzene	ug/kg	50.00	43.89	88	
1,3,5-Trimethylbenzene	ug/kg	50.00	45.29	91	
Vinyl acetate	ug/kg	100.00	16.93	17	3
Vinyl chloride	ug/kg	50.00	42.99	86	
Xylene (Total)	ug/kg	150.00	139.3	93	
m&p-Xylene	ug/kg	100.00	92.15	92	
o-Xylene	ug/kg	50.00	47.11	94	
Toluene-d8 (S)				99	
4-Bromofluorobenzene (S)				97	
Dibromofluoromethane (S)				102	
1,2-Dichloroethane-d4 (S)				99	

MATRIX SPIKE: 926319609

Parameter	Units	926288523	Spike	MS	MS	Footnotes
		Result	Conc.	Result	% Rec	
Benzene	ug/kg	0	51.57	49.29	96	
Chlorobenzene	ug/kg	0	51.57	54.00	105	
1,1-Dichloroethene	ug/kg	0	51.57	55.75	108	
Toluene	ug/kg	0	51.57	45.90	89	
Trichloroethene	ug/kg	0	51.57	47.94	93	
Toluene-d8 (S)					95	
4-Bromofluorobenzene (S)					103	
Dibromofluoromethane (S)					98	
1,2-Dichloroethane-d4 (S)					97	

SAMPLE DUPLICATE: 926319617

Parameter	Units	926298357	DUP	RPD	Footnotes
		Result	Result		
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926319617

Parameter	Units	926298357	DUP	RPD	Footnotes
		Result	Result		
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	

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Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
E1 MEI AD E07607



QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

SAMPLE DUPLICATE: 926319617

Parameter	Units	926298357	DUP	RPD	Footnotes
		Result	Result		
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	13.00	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
Xylene (Total)	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	98	98		
4-Bromofluorobenzene (S)	%	85	100		
Dibromofluoromethane (S)	%	108	104		
1,2-Dichloroethane-d4 (S)	%	96	99		

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QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 141590 Analysis Method: EPA 200.7
 QC Batch Method: SM 3030C Analysis Description: 3030C Metals, ICP, Trace
 Associated Lab Samples: 926288564

METHOD BLANK: 926288903
 Associated Lab Samples: 926288564

<u>Parameter</u>	<u>Units</u>	Blank	Reporting	<u>Footnotes</u>
		<u>Result</u>	<u>Limit</u>	
Chromium, 3030C	mg/l	ND	0.0020	
Lead, 3030C	mg/l	ND	0.0050	

LABORATORY CONTROL SAMPLE: 926288911

<u>Parameter</u>	<u>Units</u>	Spike	LCS	LCS	<u>Footnotes</u>
		<u>Conc.</u>	<u>Result</u>	<u>% Rec</u>	
Chromium, 3030C	mg/l	0.5000	0.5020	100	
Lead, 3030C	mg/l	0.5000	0.5040	101	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926288929 926288937

<u>Parameter</u>	<u>Units</u>	926288564	Spike	MS	MSD	MS	MSD	<u>RPD</u>	<u>Footnotes</u>
		<u>Result</u>	<u>Conc.</u>	<u>Result</u>	<u>Result</u>	<u>% Rec</u>	<u>% Rec</u>		
Chromium, 3030C	mg/l	0.7640	0.5000	1.130	1.180	73	83	4	
Lead, 3030C	mg/l	3.600	0.5000	3.990	3.900	78	60	2 4	

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 SC Environmental 99030
 EL MEL AD C07610

Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EL MEL AD C07607

QUALITY CONTROL DATA

Lab Project Number: 92106545
Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 141594	Analysis Method: EPA 6010				
QC Batch Method: EPA 3050	Analysis Description: Metals, Trace ICP				
Associated Lab Samples:	926288457	926288465	926288473	926288481	926288499
	926288507	926288515	926288523	926288531	926288549
	926288556				

METHOD BLANK: 926289083							
Associated Lab Samples:	926288457	926288465	926288473	926288481	926288499	926288507	926288515
	926288523	926288531	926288549	926288556			

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Chromium	mg/kg	ND	0.20	
Lead	mg/kg	ND	0.50	

LABORATORY CONTROL SAMPLE: 926289091

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Chromium	mg/kg	50.00	51.70	103	
Lead	mg/kg	50.00	50.80	102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926289109 926289117

Parameter	Units	926284845	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Chromium	mg/kg	12.61	231.20	233.0	234.8	95	89	1	
Lead	mg/kg	3.655	231.20	229.4	232.1	98	92	1	

SAMPLE DUPLICATE: 926289125

Parameter	Units	926288457	DUP	RPD	Footnotes
		Result	Result		
Chromium	mg/kg	85.00	81.00	4	
Lead	mg/kg	10.00	8.600	17	

REPORT OF LABORATORY ANALYSIS

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 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 141604	Analysis Method: % Moisture				
QC Batch Method:	Analysis Description: Percent Moisture				
Associated Lab Samples:	926288457	926288465	926288473	926288481	926288499
	926288507	926288515	926288523	926288531	

SAMPLE DUPLICATE: 926289331

<u>Parameter</u>	<u>Units</u>	926287954 <u>Result</u>	DUP <u>Result</u>	<u>RPD</u>	<u>Footnotes</u>
Percent Moisture	%	11.50	11.70	2	

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 NC Drinking Water 37712
 SC Environmental 99030
 EI MEI AD E97619



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EI MEI AD E97619



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 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106545
 Client Project ID: MultiModal Rail/WBS#32179

QC Batch: 141621	Analysis Method: % Moisture
QC Batch Method:	Analysis Description: Percent Moisture
Associated Lab Samples: 926288549	926288556

SAMPLE DUPLICATE: 926289554

<u>Parameter</u>	<u>Units</u>	926288549	DUP	<u>RPD</u>	<u>Footnotes</u>
		<u>Result</u>	<u>Result</u>		
Percent Moisture	%	8.100	5.800	33	

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 SC Environmental 99030
 EI MEI AD E8761R



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 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EI MEI AD E87627

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

- LCS(D) Laboratory Control Sample (Duplicate)
- MS(D) Matrix Spike (Duplicate)
- DUP Sample Duplicate
- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit
- RPD Relative Percent Difference
- (S) Surrogate
- [1] Recovery falls outside of QC limits, however, this compound is not found in the associated samples.
- [2] The surrogate and/or spike recovery was outside acceptance limits.
- [3] The method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.
- [4] The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

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Asheville Certification IDs

NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL MCLAD 087648

Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL MCLAD 087648



Pace Analytical Services - Charlotte

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
 Lab Smp Id: 926288564
 Operator : BET
 Sample Location:
 Sample Matrix: WATER
 Analysis Type: SV

Client SDG: 92106545
 Client Smp ID: SB-50-GW
 Sample Date: 31-OCT-2005
 Sample Point:
 Date Received: 01-NOV-2005 00:00
 Level: LOW

Number TICs found: 25

CONCENTRATION UNITS:
 (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	8.258	27.0	J
2.	Unknown	8.532	26.6	J
3.	Unknown	8.687	36.1	J
4.	Methylnaphthalene isomer	8.857	21.1	81J
5.	Unknown	9.034	9.78	J
6.	Unknown	9.086	18.3	J
7.	Unknown Alkane	9.286	39.4	J
8.	Unknown	10.128	54.3	J
9.	Dimethylnaphthalene isomer	10.491	15.8	94J
10.	Unknown	10.535	13.3	J
11.	Unknown Alkane	11.023	10.3	J
12.	Unknown	11.141	17.2	J
13.	Trimethylnaphthalene isomer	11.208	9.98	94J
14.	Trimethylnaphthalene isomer	11.370	38.8	96J
15.	Unknown	11.799	9.36	J
16.	Unknown	11.925	33.3	J
17.	Unknown	12.331	10.8	J
18.	Unknown Alkane	12.464	46.2	J
19.	Unknown PAH	12.701	10.2	J
20.	Unknown	12.856	9.74	J
21.	Unknown	12.982	12.0	J
22.	Unknown Alkane	13.366	288	J
23.	Unknown	13.913	140	J
24.	Unknown Alkane	14.039	144	J
25.	Unknown PAH	14.734	136	J



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
 Required Client Information:
 Company: **General Engineering/INCOOT**
 Address: **PO BOX 74262**
 City: **RTP, NC 27709**
 Phone: **919 544-1100** Fax: **919 544-7755**
 Requested Due Date/TAT: _____

Section B
 Required Project Information:
 Report To: **LOREI HAMBURG**
 Copy To: _____
 Purchase Order No.: **WBS 32179**
 Project Name: **Modular Rail**
 Profile Number: **01005L**

Section C
 Invoice Information:
 Attention: **PROJECT WBS 32179**
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA Other _____

SITE LOCATION
 GA IL IN MI MN NC
 OH SC VA OTHER _____

ITEM #	Valid Matrix Codes	Required Client Information	MATRIX CODE	SAMPLE TYPE	G-RAB C-COMP	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Filtered (Y/N)	Requested Analysis:	Pace Project Number	Lab I.D.
						DATE	TIME							
1	DRINKING WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	One Character per box. (A-Z, 0-9 / -)	WTG	G-RAB C-COMP	WTG	10/31	11:45		5	H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	X	MP 101 (Mac)	5304	
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

Additional Comments:
 6024 samples analyzed for 662
 UK per Lab Miller, AS

RECEIVED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION
<i>[Signature]</i>	11/11	11:00	RA, Sympel/Pace	11/11	11:00	Received on ice Y/N Custody Sealed Cooler Y/N Samples Intact Y/N
<i>[Signature]</i>	11/11	17:41				

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: **LOREI HAMBURG**
 SIGNATURE SAMPLER: *[Signature]*
 DATE Signed (MM/DD/YY): **11/13/11**



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2
898138

Section A

Required Client Information:

Company: GENERAL INVESTMENT
 Address: 14601 WBS 30174
 City: RIPON State: CA Zip: 95270
 Email To: 979 Fax: 542435
 Phone: 979
 Project Name: AS
 Purchase Order No.: AS
 Project Number: 3452-3

Section B

Required Project Information:

Report To: 201102515
 Copy To: 201102515
 Attention: WBS 30174
 Company Name: WBS 30174
 Address: WBS 30174
 Pace Quote Reference: AS
 Pace Project Manager: AS
 Pace Profile #: 3452-3

Section C

Invoice Information:

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA Other
 SITE LOCATION
 GA IL IN MI MN NC
 OH SC WI OTHER

Section D

Required Client Information

Valid Matrix Codes
 DRINKING WATER DW
 WASTE WATER WT
 PRODUCT WW
 SOIL/SOLID P
 OIL SL
 WIPE WP
 OTHER AR
 TISSUE OT
 TS

SAMPLE ID

One Character per box.
 (A-Z, 0-9 / -)
 Samples IDs MUST BE UNIQUE

#	ITEM	Valid Matrix Codes	Required Client Information	COLLECTED		# OF CONTAINERS	SAMPLE TEMP AT COLLECTION	PRESERVATIVES	Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number	Lab ID
				COMPOSITE START DATE	COMPOSITE END/GRAB TIME								
1	SB-418-115 FT			SLG	10/31 9:40				X			924289457	
2	SB-416-8 FT			SLG	10/31 11:00				X			924289457	
3	SB-417-8 FT			SLG	10/31 10:10				X			924289457	
4	SB-50-8 FT			SLG	10/31 11:00				X			924289457	
5	SB-419-115 FT			SLG	10/31 11:20				X			924289457	
6	SB-51-8 FT			SLG	10/31 11:30				X			924289457	
7	SB-51-8 FT			SLG	10/31 13:40				X			924289457	
8	SB-52-1 FT			SLG	10/31 14:15				X			924289457	
9	SB-53-8 FT			SLG	10/31 14:30				X			924289457	
10	SB-55-15 FT			SLG	10/31 14:45				X			924289457	
11	SB-54-12 FT			SLG	10/31 15:00				X			924289457	
12													

Additional Comments:

11:00 11:00 11:00
12:40 12:40 12:40
11/11 11/11 11/11
11/11 11/11 11/11

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:
 SIGNATURE of SAMPLER:
 DATE Signed (MM/DD/YYYY):

SEE REVERSE SIDE FOR INSTRUCTIONS



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926197138

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acenaphthene	ug/l	50.00	33.81	68	
Acenaphthylene	ug/l	50.00	33.91	68	
Anthracene	ug/l	50.00	37.01	74	
Benzidine	ug/l	100.00	9.987	10	
Benzo(k)fluoranthene	ug/l	50.00	32.32	65	
Benzo(b)fluoranthene	ug/l	50.00	32.78	66	
Benzo(a)anthracene	ug/l	50.00	35.57	71	
Benzo(g,h,i)perylene	ug/l	50.00	41.61	83	
Benzo(a)pyrene	ug/l	50.00	35.07	70	
4-Bromophenylphenyl ether	ug/l	50.00	36.90	74	
Butylbenzylphthalate	ug/l	50.00	41.51	83	
4-Chloro-3-methylphenol	ug/l	50.00	37.30	75	
bis(2-Chloroethoxy)methane	ug/l	50.00	31.59	63	
bis(2-Chloroethyl) ether	ug/l	50.00	25.53	51	
bis(2-Chloroisopropyl) ether	ug/l	50.00	19.66	39	
2-Chloronaphthalene	ug/l	50.00	33.46	67	
2-Chlorophenol	ug/l	50.00	28.57	57	
4-Chlorophenylphenyl ether	ug/l	50.00	34.93	70	
Chrysene	ug/l	50.00	35.27	70	
Dibenz(a,h)anthracene	ug/l	50.00	39.46	79	
1,2-Dichlorobenzene	ug/l	50.00	24.75	50	
1,3-Dichlorobenzene	ug/l	50.00	20.71	41	
1,4-Dichlorobenzene	ug/l	50.00	22.47	45	
3,3'-Dichlorobenzidine	ug/l	100.00	41.75	42	
2,4-Dichlorophenol	ug/l	50.00	35.62	71	
Diethylphthalate	ug/l	50.00	39.06	78	
2,4-Dimethylphenol	ug/l	50.00	37.41	75	
Dimethylphthalate	ug/l	50.00	37.31	75	
Di-n-butylphthalate	ug/l	50.00	45.30	91	
4,6-Dinitro-2-methylphenol	ug/l	50.00	40.08	80	
2,4-Dinitrophenol	ug/l	50.00	32.91	66	
2,4-Dinitrotoluene	ug/l	50.00	35.17	70	
2,6-Dinitrotoluene	ug/l	50.00	34.18	68	
Di-n-octylphthalate	ug/l	50.00	40.28	81	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	44.10	88	
Fluoranthene	ug/l	50.00	35.71	71	
Fluorene	ug/l	50.00	33.17	66	

Date: 11/14/05

Page: 143 of 186

REPORT OF LABORATORY ANALYSIS

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 NC Wastewater 40
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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706

ISO 9001 ACCREDITED



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926197138

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Hexachloro-1,3-butadiene	ug/l	50.00	25.28	51	
Hexachlorobenzene	ug/l	50.00	36.67	73	
Hexachlorocyclopentadiene	ug/l	50.00	10.09	20	
Hexachloroethane	ug/l	50.00	19.31	39	2
Indeno(1,2,3-cd)pyrene	ug/l	50.00	38.75	78	
Isophorone	ug/l	50.00	35.01	70	
Naphthalene	ug/l	50.00	30.14	60	
Nitrobenzene	ug/l	50.00	28.00	56	
2-Nitrophenol	ug/l	50.00	33.14	66	
4-Nitrophenol	ug/l	50.00	16.04	32	
N-Nitrosodimethylamine	ug/l	50.00	12.41	25	
N-Nitroso-di-n-propylamine	ug/l	50.00	30.42	61	
N-Nitrosodiphenylamine	ug/l	50.00	39.98	80	
Pentachlorophenol	ug/l	50.00	38.24	76	
Phenanthrene	ug/l	50.00	35.58	71	
Phenol	ug/l	50.00	11.99	24	
Pyrene	ug/l	50.00	35.86	72	
1,2,4-Trichlorobenzene	ug/l	50.00	27.48	55	
2,4,6-Trichlorophenol	ug/l	50.00	36.91	74	
Nitrobenzene-d5 (S)				56	
2-Fluorobiphenyl (S)				70	
Terphenyl-d14 (S)				79	
Phenol-d5 (S)				24	
2-Fluorophenol (S)				34	
2,4,6-Tribromophenol (S)				76	

LABORATORY CONTROL SAMPLE: 926304288

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Acenaphthene	ug/l	50.00	31.73	64	
Acenaphthylene	ug/l	50.00	31.74	64	
Anthracene	ug/l	50.00	35.16	70	
Benzidine	ug/l	100.00	5.148	5	2
Benzo(k)fluoranthene	ug/l	50.00	31.88	64	
Benzo(b)fluoranthene	ug/l	50.00	32.70	65	

Date: 11/14/05

Page: 144 of 186

REPORT OF LABORATORY ANALYSIS

Asheville Certification IDs
 NC Wastewater 40
 NC Drinking Water 37712

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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706



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 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926304288

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Benzo(a)anthracene	ug/l	50.00	34.26	68	
Benzo(g,h,i)perylene	ug/l	50.00	22.35	45	
Benzo(a)pyrene	ug/l	50.00	34.09	68	
4-Bromophenylphenyl ether	ug/l	50.00	35.80	72	
Butylbenzylphthalate	ug/l	50.00	31.44	63	
4-Chloro-3-methylphenol	ug/l	50.00	36.42	73	
bis(2-Chloroethoxy)methane	ug/l	50.00	33.27	66	
bis(2-Chloroethyl) ether	ug/l	50.00	29.27	58	
bis(2-Chloroisopropyl) ether	ug/l	50.00	32.40	65	
2-Chloronaphthalene	ug/l	50.00	32.09	64	
2-Chlorophenol	ug/l	50.00	28.09	56	
4-Chlorophenylphenyl ether	ug/l	50.00	35.62	71	
Chrysene	ug/l	50.00	33.85	68	
Dibenz(a,h)anthracene	ug/l	50.00	29.65	59	
1,2-Dichlorobenzene	ug/l	50.00	24.17	48	
1,3-Dichlorobenzene	ug/l	50.00	21.95	44	
1,4-Dichlorobenzene	ug/l	50.00	23.77	48	
3,3'-Dichlorobenzidine	ug/l	100.00	33.02	33	
2,4-Dichlorophenol	ug/l	50.00	32.55	65	
Diethylphthalate	ug/l	50.00	35.30	71	
2,4-Dimethylphenol	ug/l	50.00	35.02	70	
Dimethylphthalate	ug/l	50.00	34.36	69	
Di-n-butylphthalate	ug/l	50.00	36.49	73	
4,6-Dinitro-2-methylphenol	ug/l	50.00	27.74	56	
2,4-Dinitrophenol	ug/l	50.00	18.95	38	
2,4-Dinitrotoluene	ug/l	50.00	32.75	66	
2,6-Dinitrotoluene	ug/l	50.00	36.18	72	
Di-n-octylphthalate	ug/l	50.00	30.06	60	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	31.60	63	
Fluoranthene	ug/l	50.00	33.86	68	
Fluorene	ug/l	50.00	32.75	66	
Hexachloro-1,3-butadiene	ug/l	50.00	29.43	59	
Hexachlorobenzene	ug/l	50.00	36.95	74	
Hexachlorocyclopentadiene	ug/l	50.00	22.27	44	
Hexachloroethane	ug/l	50.00	22.59	45	
Indeno(1,2,3-cd)pyrene	ug/l	50.00	26.25	52	
Isophorone	ug/l	50.00	74.84	150	

Date: 11/14/05

Page: 145 of 186

REPORT OF LABORATORY ANALYSIS

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Asheville Certification IDs
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 NC Wastewater 12
 NC Drinking Water 37706

LED IN ACCORDANCE



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926304288

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Naphthalene	ug/l	50.00	27.59	55	
Nitrobenzene	ug/l	50.00	34.74	70	
2-Nitrophenol	ug/l	50.00	29.75	60	
4-Nitrophenol	ug/l	50.00	15.05	30	
N-Nitrosodimethylamine	ug/l	50.00	21.20	42	
N-Nitroso-di-n-propylamine	ug/l	50.00	36.26	72	
N-Nitrosodiphenylamine	ug/l	50.00	40.24	80	
Pentachlorophenol	ug/l	50.00	34.71	69	
Phenanthrene	ug/l	50.00	32.16	64	
Phenol	ug/l	50.00	16.47	33	
Pyrene	ug/l	50.00	32.35	65	
1,2,4-Trichlorobenzene	ug/l	50.00	28.86	58	
2,4,6-Trichlorophenol	ug/l	50.00	35.48	71	
Nitrobenzene-d5 (S)				76	
2-Fluorobiphenyl (S)				76	
Terphenyl-d14 (S)				80	
Phenol-d5 (S)				34	
2-Fluorophenol (S)				44	
2,4,6-Tribromophenol (S)				90	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926197146 926197153

Parameter	Units	926194473	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/l	0	100.00	62.19	65.97	62	66	6	
Acenaphthylene	ug/l	0	100.00	62.90	65.85	63	66	5	
Anthracene	ug/l	0	100.00	71.02	75.80	71	76	7	
Benzidine	ug/l	0	200.00	3.680	0	2	0	200	2,2,3
Benzo(k)fluoranthene	ug/l	0	100.00	61.17	65.75	61	66	7	
Benzo(b)fluoranthene	ug/l	0	100.00	65.10	65.95	65	66	1	
Benzo(a)anthracene	ug/l	0	100.00	68.71	71.69	69	72	4	
Benzo(g,h,i)perylene	ug/l	0	100.00	77.35	76.45	77	76	1	
Benzo(a)pyrene	ug/l	0	100.00	67.31	70.37	67	70	4	
4-Bromophenylphenyl ether	ug/l	0	100.00	69.16	70.60	69	71	2	
Butylbenzylphthalate	ug/l	0	100.00	79.58	84.02	80	84	5	
4-Chloro-3-methylphenol	ug/l	0	100.00	69.90	74.23	70	74	6	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926197146 926197153

Parameter	Units	926194473	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
bis(2-Chloroethoxy)methane	ug/l	0	100.00	53.97	61.83	54	62	14	
bis(2-Chloroethyl) ether	ug/l	0	100.00	105.2	126.1	105	126	18	
bis(2-Chloroisopropyl) ether	ug/l	0	100.00	31.12	38.23	31	38	20	2
2-Chloronaphthalene	ug/l	0	100.00	60.47	65.24	60	65	8	
2-Chlorophenol	ug/l	0	100.00	48.17	57.77	48	58	18	
4-Chlorophenylphenyl ether	ug/l	0	100.00	65.66	69.35	66	69	5	
Chrysene	ug/l	0	100.00	69.79	71.53	70	72	2	
Dibenz(a,h)anthracene	ug/l	0	100.00	74.02	74.27	74	74	0	
1,2-Dichlorobenzene	ug/l	0	100.00	37.57	46.21	38	46	21	
1,3-Dichlorobenzene	ug/l	0	100.00	30.72	38.93	31	39	24	
1,4-Dichlorobenzene	ug/l	0	100.00	33.28	42.44	33	42	24	
3,3'-Dichlorobenzidine	ug/l	0	100.00	74.05	57.43	74	57	25	
2,4-Dichlorophenol	ug/l	0	100.00	65.91	72.27	66	72	9	
Diethylphthalate	ug/l	0	100.00	75.60	76.20	76	76	1	
2,4-Dimethylphenol	ug/l	0	100.00	66.63	72.01	67	72	8	
Dimethylphthalate	ug/l	0	100.00	70.15	73.77	70	74	5	
Di-n-butylphthalate	ug/l	1.130	100.00	84.22	89.13	83	88	6	
4,6-Dinitro-2-methylphenol	ug/l	0	100.00	73.06	73.33	73	73	0	
2,4-Dinitrophenol	ug/l	0	100.00	67.94	66.35	68	66	2	
2,4-Dinitrotoluene	ug/l	0	100.00	67.16	69.37	67	69	3	
2,6-Dinitrotoluene	ug/l	0	100.00	66.12	68.58	66	69	4	
Di-n-octylphthalate	ug/l	0	100.00	77.11	81.33	77	81	5	
bis(2-Ethylhexyl)phthalate	ug/l	2.611	100.00	86.54	92.61	84	90	7	
Fluoranthene	ug/l	0	100.00	69.75	71.83	70	72	3	
Fluorene	ug/l	0	100.00	66.51	70.47	66	70	6	
Hexachloro-1,3-butadiene	ug/l	0	100.00	37.94	42.96	38	43	12	
Hexachlorobenzene	ug/l	0	100.00	67.92	71.46	68	72	5	
Hexachlorocyclopentadiene	ug/l	0	100.00	14.08	15.83	14	16	12	
Hexachloroethane	ug/l	0	100.00	27.13	34.00	27	34	22	2,2
Indeno(1,2,3-cd)pyrene	ug/l	0	100.00	73.23	72.62	73	73	1	
Isophorone	ug/l	0	100.00	60.90	69.09	61	69	13	
Naphthalene	ug/l	0	100.00	49.14	57.25	49	57	15	
Nitrobenzene	ug/l	0	100.00	46.94	55.69	47	56	17	
2-Nitrophenol	ug/l	0	100.00	56.42	64.76	56	65	14	
4-Nitrophenol	ug/l	0	100.00	99.70	108.9	100	109	9	
N-Nitrosodimethylamine	ug/l	0	100.00	20.11	26.00	20	26	26	
N-Nitroso-di-n-propylamine	ug/l	0	100.00	54.78	60.95	55	61	11	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926197146 926197153

Parameter	Units	926194473	Spike Conc.	MS	MSD	MS	MSD	RPD	Footnotes
		Result		Result	Result	% Rec	% Rec		
N-Nitrosodiphenylamine	ug/l	0	100.00	72.33	76.93	72	77	6	
Pentachlorophenol	ug/l	0	100.00	78.20	77.74	78	78	1	
Phenanthrene	ug/l	0	100.00	67.36	70.53	67	70	5	
Phenol	ug/l	0	100.00	21.68	24.84	22	25	14	
Pyrene	ug/l	0	100.00	68.08	72.72	68	73	7	
1,2,4-Trichlorobenzene	ug/l	0	100.00	42.19	50.54	42	50	18	2
2,4,6-Trichlorophenol	ug/l	0	100.00	70.45	73.84	70	74	5	
Nitrobenzene-d5 (S)						46	55		
2-Fluorobiphenyl (S)						64	68		
Terphenyl-d14 (S)						75	80		
Phenol-d5 (S)						21	25		
2-Fluorophenol (S)						27	34		
2,4,6-Tribromophenol (S)						71	73		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

QC Batch: 141967	Analysis Method: EPA 8270				
QC Batch Method: EPA 3545	Analysis Description: Semivolatile Organics				
Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334
	926278342	926278359	926278367	926278375	926278383
	926278391	926278409	926278417	926278425	926278433
	926278441	926278458	926278466	926278474	

METHOD BLANK: 926309410							
Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334	926278342	926278359
	926278367	926278375	926278383	926278391	926278409	926278417	926278425
	926278433	926278441	926278458	926278466	926278474		

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acenaphthene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
Benzoic acid	ug/kg	ND	1600	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Benzyl alcohol	ug/kg	ND	660	
Benzo(a)pyrene	ug/kg	ND	330	
4-Bromophenylphenyl ether	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
4-Chloroaniline	ug/kg	ND	660	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
bis(2-Chloroethyl) ether	ug/kg	ND	330	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
4-Chlorophenylphenyl ether	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Dibenzofuran	ug/kg	ND	330	
1,2-Dichlorobenzene	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926309410

Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334	926278342	926278359
	926278367	926278375	926278383	926278391	926278409	926278417	926278425
	926278433	926278441	926278458	926278466	926278474		

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
2,4-Dichlorophenol	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Dimethylphthalate	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926309410

Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334	926278342	926278359
	926278367	926278375	926278383	926278391	926278409	926278417	926278425
	926278433	926278441	926278458	926278466	926278474		

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	71		
2-Fluorobiphenyl (S)	%	70		
Terphenyl-d14 (S)	%	82		
Phenol-d5 (S)	%	62		
2-Fluorophenol (S)	%	60		
2,4,6-Tribromophenol (S)	%	72		

LABORATORY CONTROL SAMPLE: 926309428

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/kg	1667.00	1230	74	
Acenaphthylene	ug/kg	1667.00	1239	74	
Anthracene	ug/kg	1667.00	1319	79	
Benzo(k)fluoranthene	ug/kg	1667.00	1094	66	
Benzo(b)fluoranthene	ug/kg	1667.00	1253	75	
Benzo(a)anthracene	ug/kg	1667.00	1286	77	
Benzoic acid	ug/kg	1667.00	609.6	37	
Benzo(g,h,i)perylene	ug/kg	1667.00	1261	76	
Benzyl alcohol	ug/kg	1667.00	1624	98	
Benzo(a)pyrene	ug/kg	1667.00	1301	78	
4-Bromophenylphenyl ether	ug/kg	1667.00	1364	82	
Butylbenzylphthalate	ug/kg	1667.00	1204	72	
4-Chloro-3-methylphenol	ug/kg	1667.00	1496	90	
4-Chloroaniline	ug/kg	1667.00	1689	101	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1318	79	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1232	74	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926309428

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1315	79	
2-Chloronaphthalene	ug/kg	1667.00	1297	78	
2-Chlorophenol	ug/kg	1667.00	1273	76	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1302	78	
Chrysene	ug/kg	1667.00	1304	78	
Dibenz(a,h)anthracene	ug/kg	1667.00	1422	85	
Dibenzofuran	ug/kg	1667.00	1326	80	
1,2-Dichlorobenzene	ug/kg	1667.00	1194	72	
1,3-Dichlorobenzene	ug/kg	1667.00	1091	65	
1,4-Dichlorobenzene	ug/kg	1667.00	1165	70	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1149	34	
2,4-Dichlorophenol	ug/kg	1667.00	1373	82	
Diethylphthalate	ug/kg	1667.00	1287	77	
2,4-Dimethylphenol	ug/kg	1667.00	1303	78	
Dimethylphthalate	ug/kg	1667.00	1287	77	
Di-n-butylphthalate	ug/kg	1667.00	1249	75	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1133	68	
2,4-Dinitrophenol	ug/kg	1667.00	699.5	42	
2,4-Dinitrotoluene	ug/kg	1667.00	1224	73	
2,6-Dinitrotoluene	ug/kg	1667.00	1353	81	
Di-n-octylphthalate	ug/kg	1667.00	1187	71	
1,2-Diphenylhydrazine	ug/kg	1667.00	1183	71	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1230	74	
Fluoranthene	ug/kg	1667.00	1234	74	
Fluorene	ug/kg	1667.00	1224	73	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1407	84	
Hexachlorobenzene	ug/kg	1667.00	1386	83	
Hexachlorocyclopentadiene	ug/kg	1667.00	1592	96	
Hexachloroethane	ug/kg	1667.00	1213	73	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1306	78	
Isophorone	ug/kg	1667.00	2898	174	1
2-Methylnaphthalene	ug/kg	1667.00	1318	79	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1393	84	
3&4-Methylphenol	ug/kg	1667.00	1334	80	
Naphthalene	ug/kg	1667.00	1198	72	
2-Nitroaniline	ug/kg	1667.00	1128	68	
3-Nitroaniline	ug/kg	1667.00	1225	74	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926309428

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
4-Nitroaniline	ug/kg	1667.00	1294	78	
Nitrobenzene	ug/kg	1667.00	1416	85	
2-Nitrophenol	ug/kg	1667.00	1262	76	
4-Nitrophenol	ug/kg	1667.00	1326	80	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1420	85	
N-Nitrosodiphenylamine	ug/kg	1667.00	1543	93	
Pentachlorophenol	ug/kg	1667.00	1445	87	
Phenanthrene	ug/kg	1667.00	1242	74	
Phenol	ug/kg	1667.00	1431	86	
Pyrene	ug/kg	1667.00	1229	74	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1334	80	
2,4,5-Trichlorophenol	ug/kg	1667.00	1385	83	
2,4,6-Trichlorophenol	ug/kg	1667.00	1408	84	
Nitrobenzene-d5 (S)				89	
2-Fluorobiphenyl (S)				86	
Terphenyl-d14 (S)				85	
Phenol-d5 (S)				88	
2-Fluorophenol (S)				77	
2,4,6-Tribromophenol (S)				97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926309444 926309451

Parameter	Units	926278359	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	2081.00	1218	1259	58	60	3	
4-Chloro-3-methylphenol	ug/kg	0	2081.00	1308	1323	63	64	1	
2-Chlorophenol	ug/kg	0	2081.00	1149	947.3	55	46	19	
1,4-Dichlorobenzene	ug/kg	0	2081.00	1142	894.2	55	43	24	
2,4-Dinitrotoluene	ug/kg	0	2081.00	1239	1302	60	62	5	
4-Nitrophenol	ug/kg	0	2081.00	1351	1511	65	73	11	
N-Nitroso-di-n-propylamine	ug/kg	0	2081.00	1472	1232	71	59	18	
Pentachlorophenol	ug/kg	0	2081.00	984.6	1234	47	59	22	
Phenol	ug/kg	0	2081.00	1359	1136	65	55	18	
Pyrene	ug/kg	0	2081.00	1207	1274	58	61	5	
1,2,4-Trichlorobenzene	ug/kg	0	2081.00	1342	1118	64	54	18	
Nitrobenzene-d5 (S)						76	61		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926309444 926309451

Parameter	Units	926278359 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
2-Fluorobiphenyl (S)						69	70		
Terphenyl-d14 (S)						71	74		
Phenol-d5 (S)						68	56		
2-Fluorophenol (S)						58	47		
2,4,6-Tribromophenol (S)						61	69		

SAMPLE DUPLICATE: 926309436

Parameter	Units	926278326 Result	DUP Result	RPD	Footnotes
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzoic acid	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzyl alcohol	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
4-Bromophenylphenyl ether	ug/kg	ND	ND	NC	
Butylbenzylphthalate	ug/kg	ND	ND	NC	
4-Chloro-3-methylphenol	ug/kg	ND	ND	NC	
4-Chloroaniline	ug/kg	ND	ND	NC	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND	NC	
bis(2-Chloroethyl) ether	ug/kg	ND	ND	NC	
bis(2-Chloroisopropyl) ether	ug/kg	ND	ND	NC	
2-Chloronaphthalene	ug/kg	ND	ND	NC	
2-Chlorophenol	ug/kg	ND	ND	NC	
4-Chlorophenylphenyl ether	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Dibenzofuran	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

SAMPLE DUPLICATE: 926309436

Parameter	Units	926278326	DUP	RPD	Footnotes
		Result	Result		
3,3'-Dichlorobenzidine	ug/kg	ND	ND	NC	
2,4-Dichlorophenol	ug/kg	ND	ND	NC	
Diethylphthalate	ug/kg	ND	ND	NC	
2,4-Dimethylphenol	ug/kg	ND	ND	NC	
Dimethylphthalate	ug/kg	ND	ND	NC	
Di-n-butylphthalate	ug/kg	ND	ND	NC	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND	NC	
2,4-Dinitrophenol	ug/kg	ND	ND	NC	
2,4-Dinitrotoluene	ug/kg	ND	ND	NC	
2,6-Dinitrotoluene	ug/kg	ND	ND	NC	
Di-n-octylphthalate	ug/kg	ND	ND	NC	
1,2-Diphenylhydrazine	ug/kg	ND	ND	NC	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
Hexachlorobenzene	ug/kg	ND	ND	NC	
Hexachlorocyclopentadiene	ug/kg	ND	ND	NC	
Hexachloroethane	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Isophorone	ug/kg	ND	ND	NC	
2-Methylnaphthalene	ug/kg	ND	ND	NC	
2-Methylphenol (o-Cresol)	ug/kg	ND	ND	NC	
3&4-Methylphenol	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
2-Nitroaniline	ug/kg	ND	ND	NC	
3-Nitroaniline	ug/kg	ND	ND	NC	
4-Nitroaniline	ug/kg	ND	ND	NC	
Nitrobenzene	ug/kg	ND	ND	NC	
2-Nitrophenol	ug/kg	ND	ND	NC	
4-Nitrophenol	ug/kg	ND	ND	NC	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND	NC	
N-Nitrosodiphenylamine	ug/kg	ND	ND	NC	
Pentachlorophenol	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Phenol	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

SAMPLE DUPLICATE: 926309436

Parameter	Units	926278326	DUP	RPD	Footnotes
		Result	Result		
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
2,4,5-Trichlorophenol	ug/kg	ND	ND	NC	
2,4,6-Trichlorophenol	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	58	65		
2-Fluorobiphenyl (S)	%	64	67		
Terphenyl-d14 (S)	%	76	77		
Phenol-d5 (S)	%	54	64		
2-Fluorophenol (S)	%	49	59		
2,4,6-Tribromophenol (S)	%	65	72		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926312554

Associated Lab Samples: 926278482 926278490 926278508 926278516 926278532

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
Nitrobenzene-d5 (S)	μ	71		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926312554

Associated Lab Samples: 926278482 926278490 926278508 926278516 926278532

Parameter	Units	Blank Result	Reporting Limit	Footnotes
2-Fluorobiphenyl (S)	%	70		
Terphenyl-d14 (S)	%	79		
Phenol-d5 (S)	%	70		
2-Fluorophenol (S)	%	67		
2,4,6-Tribromophenol (S)	%	83		

LABORATORY CONTROL SAMPLE: 926312562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acenaphthene	ug/kg	1667.00	1236	74	
Acenaphthylene	ug/kg	1667.00	1244	75	
Anthracene	ug/kg	1667.00	1316	79	
Benzo(k)fluoranthene	ug/kg	1667.00	1217	73	
Benzo(b)fluoranthene	ug/kg	1667.00	1158	70	
Benzo(a)anthracene	ug/kg	1667.00	1296	78	
Benzoic acid	ug/kg	1667.00	175.3	10	
Benzo(g,h,i)perylene	ug/kg	1667.00	1223	73	
Benzyl alcohol	ug/kg	1667.00	1422	85	
Benzo(a)pyrene	ug/kg	1667.00	1294	78	
4-Bromophenylphenyl ether	ug/kg	1667.00	1355	81	
Butylbenzylphthalate	ug/kg	1667.00	1262	76	
4-Chloro-3-methylphenol	ug/kg	1667.00	1459	88	
4-Chloroaniline	ug/kg	1667.00	1001	60	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1289	77	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1221	73	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1291	77	
2-Chloronaphthalene	ug/kg	1667.00	1273	76	
2-Chlorophenol	ug/kg	1667.00	1255	75	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1337	80	
Chrysene	ug/kg	1667.00	1311	79	
Dibenz(a,h)anthracene	ug/kg	1667.00	1373	82	
Dibenzofuran	ug/kg	1667.00	1329	80	
1,2-Dichlorobenzene	ug/kg	1667.00	1213	73	
1,3-Dichlorobenzene	ug/kg	1667.00	1178	71	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926312562

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,4-Dichlorobenzene	ug/kg	1667.00	1196	72	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1142	34	
2,4-Dichlorophenol	ug/kg	1667.00	1355	81	
Diethylphthalate	ug/kg	1667.00	1344	81	
2,4-Dimethylphenol	ug/kg	1667.00	1397	84	
Dimethylphthalate	ug/kg	1667.00	1335	80	
Di-n-butylphthalate	ug/kg	1667.00	1276	77	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1102	66	
2,4-Dinitrophenol	ug/kg	1667.00	816.4	49	
2,4-Dinitrotoluene	ug/kg	1667.00	1247	75	
2,6-Dinitrotoluene	ug/kg	1667.00	1397	84	
Di-n-octylphthalate	ug/kg	1667.00	1223	73	
1,2-Diphenylhydrazine	ug/kg	1667.00	1156	69	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1268	76	
Fluoranthene	ug/kg	1667.00	1231	74	
Fluorene	ug/kg	1667.00	1247	75	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1398	84	
Hexachlorobenzene	ug/kg	1667.00	1368	82	
Hexachlorocyclopentadiene	ug/kg	1667.00	1248	75	
Hexachloroethane	ug/kg	1667.00	1254	75	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1255	75	
Isophorone	ug/kg	1667.00	2902	174	1
2-Methylnaphthalene	ug/kg	1667.00	1283	77	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1335	80	
3&4-Methylphenol	ug/kg	1667.00	1272	76	
Naphthalene	ug/kg	1667.00	1174	70	
2-Nitroaniline	ug/kg	1667.00	1118	67	
3-Nitroaniline	ug/kg	1667.00	821.9	49	
4-Nitroaniline	ug/kg	1667.00	1271	76	
Nitrobenzene	ug/kg	1667.00	1403	84	
2-Nitrophenol	ug/kg	1667.00	1252	75	
4-Nitrophenol	ug/kg	1667.00	1372	82	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1379	83	
N-Nitrosodiphenylamine	ug/kg	1667.00	1545	93	
Pentachlorophenol	ug/kg	1667.00	1423	85	
Phenanthrene	ug/kg	1667.00	1241	74	
Phenol	ug/kg	1667.00	1355	81	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926312562

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Pyrene	ug/kg	1667.00	1266	76	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1314	79	
2,4,5-Trichlorophenol	ug/kg	1667.00	1383	83	
2,4,6-Trichlorophenol	ug/kg	1667.00	1400	84	
Nitrobenzene-d5 (S)				90	
2-Fluorobiphenyl (S)				84	
Terphenyl-d14 (S)				89	
Phenol-d5 (S)				85	
2-Fluorophenol (S)				84	
2,4,6-Tribromophenol (S)				98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926312570 926312588

Parameter	Units	926278516	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	1873.00	1361	1400	73	75	3	
4-Chloro-3-methylphenol	ug/kg	0	1873.00	1565	1641	84	88	5	
2-Chlorophenol	ug/kg	0	1873.00	1329	1385	71	74	4	
1,4-Dichlorobenzene	ug/kg	0	1873.00	1255	1240	67	66	1	
2,4-Dinitrotoluene	ug/kg	0	1873.00	1374	1410	73	75	3	
4-Nitrophenol	ug/kg	0	1873.00	1574	1636	84	87	4	
N-Nitroso-di-n-propylamine	ug/kg	0	1873.00	1560	1625	83	87	4	
Pentachlorophenol	ug/kg	0	1873.00	1446	1514	77	81	5	
Phenol	ug/kg	0	1873.00	1483	1576	79	84	6	
Pyrene	ug/kg	0	1873.00	1336	1445	71	77	8	
1,2,4-Trichlorobenzene	ug/kg	0	1873.00	1397	1471	75	78	5	
Nitrobenzene-d5 (S)						85	88		
2-Fluorobiphenyl (S)						85	89		
Terphenyl-d14 (S)						85	91		
Phenol-d5 (S)						83	85		
2-Fluorophenol (S)						74	72		
2,4,6-Tribromophenol (S)						82	76		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

SAMPLE DUPLICATE: 926312596

Parameter	Units	926290123	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	73	64		
2-Fluorobiphenyl (S)	%	68	56		
Terphenyl-d14 (S)	%	46	42		
2-Methylnaphthalene	ug/kg		ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

QC Batch: 141627	Analysis Method: EPA 8260				
QC Batch Method: EPA 8260	Analysis Description: GC/MS VOCs 5035/8260 low level				
Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334
	926278342	926278359	926278367	926278375	926278383
	926278391	926278409	926278417	926278425	926278433
	926278441	926278458			

METHOD BLANK: 926290180

Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334	926278342	926278359
	926278367	926278375	926278383	926278391	926278409	926278417	926278425
	926278433	926278441	926278458				

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926290180

Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334	926278342	926278359
	926278367	926278375	926278383	926278391	926278409	926278417	926278425
	926278433	926278441	926278458				

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926290180

Associated Lab Samples:	926278292	926278300	926278318	926278326	926278334	926278342	926278359
	926278367	926278375	926278383	926278391	926278409	926278417	926278425
	926278433	926278441	926278458				

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	101		
4-Bromofluorobenzene (S)	%	98		
Dibromofluoromethane (S)	%	107		
1,2-Dichloroethane-d4 (S)	%	102		

LABORATORY CONTROL SAMPLE: 926290198

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acetone	ug/kg	100.00	79.32	79	
Benzene	ug/kg	50.00	42.12	84	
Bromobenzene	ug/kg	50.00	42.85	86	
Bromochloromethane	ug/kg	50.00	43.99	88	
Bromodichloromethane	ug/kg	50.00	42.48	85	
Bromoform	ug/kg	50.00	41.08	82	
Bromomethane	ug/kg	50.00	45.46	91	
2-Butanone (MEK)	ug/kg	100.00	80.13	80	
n-Butylbenzene	ug/kg	50.00	39.18	78	
sec-Butylbenzene	ug/kg	50.00	41.82	84	
tert-Butylbenzene	ug/kg	50.00	41.25	82	
Carbon tetrachloride	ug/kg	50.00	43.63	87	
Chlorobenzene	ug/kg	50.00	44.41	89	
Chloroethane	ug/kg	50.00	36.57	73	
Chloroform	ug/kg	50.00	43.72	87	
Chloromethane	ug/kg	50.00	40.22	80	
2-Chlorotoluene	ug/kg	50.00	42.34	85	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926290198

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
4-Chlorotoluene	ug/kg	50.00	43.01	86	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	40.52	81	
Dibromochloromethane	ug/kg	50.00	42.08	84	
1,2-Dibromoethane (EDB)	ug/kg	50.00	43.50	87	
Dibromomethane	ug/kg	50.00	46.57	93	
1,2-Dichlorobenzene	ug/kg	50.00	42.14	84	
1,3-Dichlorobenzene	ug/kg	50.00	42.66	85	
1,4-Dichlorobenzene	ug/kg	50.00	43.11	86	
Dichlorodifluoromethane	ug/kg	50.00	42.21	84	
1,1-Dichloroethane	ug/kg	50.00	46.04	92	
1,2-Dichloroethane	ug/kg	50.00	39.87	80	
1,1-Dichloroethene	ug/kg	50.00	54.13	108	
cis-1,2-Dichloroethene	ug/kg	50.00	42.32	85	
trans-1,2-Dichloroethene	ug/kg	50.00	44.77	90	
1,2-Dichloropropane	ug/kg	50.00	48.76	98	
1,3-Dichloropropane	ug/kg	50.00	43.83	88	
2,2-Dichloropropane	ug/kg	50.00	39.66	79	
1,1-Dichloropropene	ug/kg	50.00	46.49	93	
cis-1,3-Dichloropropene	ug/kg	50.00	47.48	95	
trans-1,3-Dichloropropene	ug/kg	50.00	43.78	88	
Diisopropyl ether	ug/kg	50.00	40.15	80	
Ethylbenzene	ug/kg	50.00	42.27	84	
Hexachloro-1,3-butadiene	ug/kg	50.00	43.07	86	
2-Hexanone	ug/kg	100.00	85.77	86	
Isopropylbenzene (Cumene)	ug/kg	50.00	48.11	96	
p-Isopropyltoluene	ug/kg	50.00	38.05	76	
Methylene chloride	ug/kg	50.00	51.32	103	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	89.64	90	
Methyl-tert-butyl ether	ug/kg	50.00	38.82	78	
Naphthalene	ug/kg	50.00	37.53	75	
n-Propylbenzene	ug/kg	50.00	41.07	82	
Styrene	ug/kg	50.00	46.29	93	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	41.58	83	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	41.74	84	
Tetrachloroethene	ug/kg	50.00	42.74	86	
Toluene	ug/kg	50.00	41.39	83	
1,2,3-Trichlorobenzene	ug/kg	50.00	45.75	92	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926290198

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,2,4-Trichlorobenzene	ug/kg	50.00	47.94	96	
1,1,1-Trichloroethane	ug/kg	50.00	40.52	81	
1,1,2-Trichloroethane	ug/kg	50.00	41.42	83	
Trichloroethene	ug/kg	50.00	43.04	86	
Trichlorofluoromethane	ug/kg	50.00	46.01	92	
1,2,3-Trichloropropane	ug/kg	50.00	46.87	94	
1,2,4-Trimethylbenzene	ug/kg	50.00	37.57	75	
1,3,5-Trimethylbenzene	ug/kg	50.00	37.46	75	
Vinyl acetate	ug/kg	100.00	214.9	215	1
Vinyl chloride	ug/kg	50.00	41.10	82	
Xylene (Total)	ug/kg	150.00	129.0	86	
m&p-Xylene	ug/kg	100.00	84.70	85	
o-Xylene	ug/kg	50.00	44.32	89	
Toluene-d8 (S)				99	
4-Bromofluorobenzene (S)				100	
Dibromofluoromethane (S)				96	
1,2-Dichloroethane-d4 (S)				96	

MATRIX SPIKE: 926297078

Parameter	Units	926278292	Spike	MS	MS	Footnotes
		Result	Conc.	Result	% Rec	
Benzene	ug/kg	0	51.69	51.42	100	
Chlorobenzene	ug/kg	0	51.69	52.60	102	
1,1-Dichloroethene	ug/kg	0	51.69	66.14	128	
Toluene	ug/kg	0	51.69	49.88	96	
Trichloroethene	ug/kg	0	51.69	49.65	96	
Toluene-d8 (S)					99	
4-Bromofluorobenzene (S)					104	
Dibromofluoromethane (S)					96	
1,2-Dichloroethane-d4 (S)					96	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

SAMPLE DUPLICATE: 926297060

Parameter	Units	926272659	DUP	RPD	Footnotes
		Result	Result		
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

SAMPLE DUPLICATE: 926297060

Parameter	Units	926272659	DUP	RPD	Footnotes
		Result	Result		
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	ND	34.00	0	4
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
Xylene (Total)	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	103	100		
4-Bromofluorobenzene (S)	%	100	103		
Dibromofluoromethane (S)	%	105	99		
1,2-Dichloroethane-d4 (S)	%	100	97		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926290206

Associated Lab Samples: 926278466 926278474 926278482 926278490 926278508 926278516

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926290206

Associated Lab Samples: 926278466 926278474 926278482 926278490 926278508 926278516

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	104		
4-Bromofluorobenzene (S)	%	95		
Dibromofluoromethane (S)	%	108		
1,2-Dichloroethane-d4 (S)	%	103		

LABORATORY CONTROL SAMPLE: 926290214

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acetone	ug/kg	100.00	85.96	86	
Benzene	ug/kg	50.00	45.18	90	
Bromobenzene	ug/kg	50.00	42.35	85	
Bromochloromethane	ug/kg	50.00	47.62	95	
Bromodichloromethane	ug/kg	50.00	45.71	91	
Bromoform	ug/kg	50.00	44.61	89	
Bromomethane	ug/kg	50.00	50.02	100	
2-Butanone (MEK)	ug/kg	100.00	90.01	90	
n-Butylbenzene	ug/kg	50.00	38.75	78	
sec-Butylbenzene	ug/kg	50.00	41.42	83	
tert-Butylbenzene	ug/kg	50.00	41.65	83	
Carbon tetrachloride	ug/kg	50.00	45.06	90	
Chlorobenzene	ug/kg	50.00	45.95	92	
Chloroethane	ug/kg	50.00	40.73	82	
Chloroform	ug/kg	50.00	49.32	99	
Chloromethane	ug/kg	50.00	44.74	90	
2-Chlorotoluene	ug/kg	50.00	43.04	86	
4-Chlorotoluene	ug/kg	50.00	43.26	86	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	41.79	84	
Dibromochloromethane	ug/kg	50.00	44.98	90	
1,2-Dibromoethane (EDB)	ug/kg	50.00	44.28	89	
Dibromomethane	ug/kg	50.00	48.28	97	
1,2-Dichlorobenzene	ug/kg	50.00	42.83	86	
1,3-Dichlorobenzene	ug/kg	50.00	43.14	86	
1,4-Dichlorobenzene	ug/kg	50.00	42.55	85	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926290214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	50.00	43.62	87	
1,1-Dichloroethane	ug/kg	50.00	49.83	100	
1,2-Dichloroethane	ug/kg	50.00	42.38	85	
1,1-Dichloroethene	ug/kg	50.00	56.30	113	
cis-1,2-Dichloroethene	ug/kg	50.00	43.08	86	
trans-1,2-Dichloroethene	ug/kg	50.00	47.07	94	
1,2-Dichloropropane	ug/kg	50.00	48.93	98	
1,3-Dichloropropane	ug/kg	50.00	46.36	93	
2,2-Dichloropropane	ug/kg	50.00	42.42	85	
1,1-Dichloropropene	ug/kg	50.00	49.42	99	
cis-1,3-Dichloropropene	ug/kg	50.00	49.13	98	
trans-1,3-Dichloropropene	ug/kg	50.00	46.89	94	
Diisopropyl ether	ug/kg	50.00	42.20	84	
Ethylbenzene	ug/kg	50.00	42.91	86	
Hexachloro-1,3-butadiene	ug/kg	50.00	42.92	86	
2-Hexanone	ug/kg	100.00	95.30	95	
Isopropylbenzene (Cumene)	ug/kg	50.00	49.10	98	
p-Isopropyltoluene	ug/kg	50.00	38.55	77	
Methylene chloride	ug/kg	50.00	58.15	116	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	92.77	93	
Methyl-tert-butyl ether	ug/kg	50.00	41.73	84	
Naphthalene	ug/kg	50.00	38.14	76	
n-Propylbenzene	ug/kg	50.00	41.85	84	
Styrene	ug/kg	50.00	46.67	93	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	41.23	82	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	42.78	86	
Tetrachloroethene	ug/kg	50.00	44.41	89	
Toluene	ug/kg	50.00	44.23	88	
1,2,3-Trichlorobenzene	ug/kg	50.00	45.21	90	
1,2,4-Trichlorobenzene	ug/kg	50.00	47.28	95	
1,1,1-Trichloroethane	ug/kg	50.00	42.42	85	
1,1,2-Trichloroethane	ug/kg	50.00	46.02	92	
Trichloroethene	ug/kg	50.00	44.70	89	
Trichlorofluoromethane	ug/kg	50.00	48.03	96	
1,2,3-Trichloropropane	ug/kg	50.00	47.83	96	
1,2,4-Trimethylbenzene	ug/kg	50.00	37.95	76	
1,3,5-Trimethylbenzene	ug/kg	50.00	38.20	76	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926290214

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Vinyl acetate	ug/kg	100.00	252.6	253	1
Vinyl chloride	ug/kg	50.00	45.17	90	
Xylene (Total)	ug/kg	150.00	132.6	88	
m&p-Xylene	ug/kg	100.00	87.25	87	
o-Xylene	ug/kg	50.00	45.40	91	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				101	
Dibromofluoromethane (S)				99	
1,2-Dichloroethane-d4 (S)				94	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926293085
 Associated Lab Samples: 926278524 926278532

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926296948
 Associated Lab Samples: 926278540 926278557 926278565

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
2,2-Dichloropropane	ug/l	ND	1.0	
1,1-Dichloropropene	ug/l	ND	1.0	
cis-1,3-Dichloropropene	ug/l	ND	1.0	
trans-1,3-Dichloropropene	ug/l	ND	1.0	
Diisopropyl ether	ug/l	ND	1.0	
Ethylbenzene	ug/l	ND	1.0	
Hexachloro-1,3-butadiene	ug/l	ND	2.0	
Isopropylbenzene (Cumene)	ug/l	ND	1.0	
p-Isopropyltoluene	ug/l	ND	1.0	
Methylene chloride	ug/l	ND	2.0	
Methyl-tert-butyl ether	ug/l	ND	1.0	
Naphthalene	ug/l	ND	2.0	
n-Propylbenzene	ug/l	ND	1.0	
Styrene	ug/l	ND	1.0	
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/l	ND	1.0	
Tetrachloroethene	ug/l	ND	1.0	
Toluene	ug/l	ND	1.0	
1,2,3-Trichlorobenzene	ug/l	ND	2.0	
1,2,4-Trichlorobenzene	ug/l	ND	2.0	
1,1,1-Trichloroethane	ug/l	ND	1.0	
1,1,2-Trichloroethane	ug/l	ND	1.0	
Trichloroethene	ug/l	ND	1.0	
Trichlorofluoromethane	ug/l	ND	1.0	
1,2,3-Trichloropropane	ug/l	ND	1.0	
1,2,4-Trimethylbenzene	ug/l	ND	1.0	
1,3,5-Trimethylbenzene	ug/l	ND	1.0	
Vinyl chloride	ug/l	ND	1.0	
Xylene (Total)	ug/l	ND	1.0	
m&p-Xylene	ug/l	ND	1.0	
o-Xylene	ug/l	ND	1.0	
1-Chloro-3-fluorobenzene (S)	%	105		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926296955

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Benzene	ug/l	20.00	20.61	103	
Bromobenzene	ug/l	20.00	22.00	110	
Bromochloromethane	ug/l	20.00	21.37	107	
Bromodichloromethane	ug/l	20.00	20.46	102	
Bromoform	ug/l	20.00	22.13	111	
Bromomethane	ug/l	20.00	36.95	185	1
n-Butylbenzene	ug/l	20.00	20.10	101	
sec-Butylbenzene	ug/l	20.00	22.29	111	
tert-Butylbenzene	ug/l	20.00	20.35	102	
Carbon tetrachloride	ug/l	20.00	23.52	118	
Chlorobenzene	ug/l	20.00	21.61	108	
Chloroethane	ug/l	20.00	23.95	120	
Chloroform	ug/l	20.00	17.80	89	
Chloromethane	ug/l	20.00	20.34	102	
2-Chlorotoluene	ug/l	20.00	23.85	119	
4-Chlorotoluene	ug/l	20.00	20.83	104	
1,2-Dibromo-3-chloropropane	ug/l	20.00	23.88	119	
Dibromochloromethane	ug/l	20.00	23.67	118	
1,2-Dibromoethane (EDB)	ug/l	20.00	21.56	108	
Dibromomethane	ug/l	20.00	19.63	98	
1,2-Dichlorobenzene	ug/l	20.00	20.94	105	
1,3-Dichlorobenzene	ug/l	20.00	19.58	98	
1,4-Dichlorobenzene	ug/l	20.00	20.41	102	
Dichlorodifluoromethane	ug/l	20.00	24.28	121	
1,1-Dichloroethane	ug/l	20.00	24.13	121	
1,2-Dichloroethane	ug/l	20.00	19.24	96	
1,1-Dichloroethene	ug/l	20.00	23.73	119	
cis-1,2-Dichloroethene	ug/l	20.00	22.66	113	
trans-1,2-Dichloroethene	ug/l	20.00	24.01	120	
1,2-Dichloropropane	ug/l	20.00	21.83	109	
1,3-Dichloropropane	ug/l	20.00	20.92	105	
2,2-Dichloropropane	ug/l	20.00	24.88	124	
1,1-Dichloropropene	ug/l	20.00	24.42	122	
cis-1,3-Dichloropropene	ug/l	20.00	21.42	107	
trans-1,3-Dichloropropene	ug/l	20.00	23.15	116	
Diisopropyl ether	ug/l	20.00	18.90	94	
Ethylbenzene	ug/l	20.00	20.11	101	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926296955

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Hexachloro-1,3-butadiene	ug/l	20.00	22.34	112	
Isopropylbenzene (Cumene)	ug/l	20.00	20.09	100	
p-Isopropyltoluene	ug/l	20.00	20.51	103	
Methylene chloride	ug/l	20.00	23.00	115	
Methyl-tert-butyl ether	ug/l	20.00	17.43	87	
Naphthalene	ug/l	20.00	17.10	86	
n-Propylbenzene	ug/l	20.00	21.36	107	
Styrene	ug/l	20.00	21.14	106	
1,1,1,2-Tetrachloroethane	ug/l	20.00	23.81	119	
1,1,2,2-Tetrachloroethane	ug/l	20.00	22.50	113	
Tetrachloroethene	ug/l	20.00	24.07	120	
Toluene	ug/l	20.00	20.74	104	
1,2,3-Trichlorobenzene	ug/l	20.00	19.92	100	
1,2,4-Trichlorobenzene	ug/l	20.00	22.94	115	
1,1,1-Trichloroethane	ug/l	20.00	25.07	125	
1,1,2-Trichloroethane	ug/l	20.00	20.40	102	
Trichloroethene	ug/l	20.00	22.41	112	
Trichlorofluoromethane	ug/l	20.00	25.84	129	
1,2,3-Trichloropropane	ug/l	20.00	22.38	112	
1,2,4-Trimethylbenzene	ug/l	20.00	19.61	98	
1,3,5-Trimethylbenzene	ug/l	20.00	19.65	98	
Vinyl chloride	ug/l	20.00	26.34	132	
Xylene (Total)	ug/l	60.00	59.91	100	
m&p-Xylene	ug/l	40.00	38.93	97	
o-Xylene	ug/l	20.00	20.98	105	
1-Chloro-3-fluorobenzene (S)				100	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926296963 926296971

Parameter	Units	926284696	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Benzene	ug/l	3.540	20.00	23.71	23.61	101	100	0	
Chlorobenzene	ug/l	0	20.00	18.17	18.07	91	90	1	
Toluene	ug/l	27.54	20.00	47.98	47.38	102	99	1	
1-Chloro-3-fluorobenzene (S)						98	98		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

SAMPLE DUPLICATE: 926296989

Parameter	Units	926284704	DUP	RPD	Footnotes
		Result	Result		
Benzene	ug/l	6.500	6.500	1	
Bromobenzene	ug/l	ND	ND	NC	
n-Butylbenzene	ug/l	ND	ND	NC	
sec-Butylbenzene	ug/l	ND	ND	NC	
tert-Butylbenzene	ug/l	ND	ND	NC	
Chlorobenzene	ug/l	ND	ND	NC	
1,2-Dichlorobenzene	ug/l	ND	ND	NC	
1,3-Dichlorobenzene	ug/l	ND	ND	NC	
1,4-Dichlorobenzene	ug/l	ND	ND	NC	
Diisopropyl ether	ug/l	ND	ND	NC	
Ethylbenzene	ug/l	3.100	3.200	0	
Isopropylbenzene (Cumene)	ug/l	ND	ND	NC	
p-Isopropyltoluene	ug/l	ND	ND	NC	
Methyl-tert-butyl ether	ug/l	7.400	7.400	1	
Naphthalene	ug/l	ND	ND	NC	
n-Propylbenzene	ug/l	ND	ND	NC	
Styrene	ug/l	ND	ND	NC	
Toluene	ug/l	11.00	11.00	2	
1,2,4-Trimethylbenzene	ug/l	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/l	ND	ND	NC	
Xylene (Total)	ug/l	8.400	8.400	0	
m&p-Xylene	ug/l	7.300	7.300	0	
o-Xylene	ug/l	1.100	1.100	3	
1-Chloro-3-fluorobenzene (S)	%	95	95		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

QC Batch: 139637 Analysis Method: EPA 625
 QC Batch Method: EPA 625 SF Analysis Description: Extractables in Water by 625
 Associated Lab Samples: 926278540 926278557 926278565

METHOD BLANK: 926304270
 Associated Lab Samples: 926278540 926278557 926278565

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acenaphthene	ug/l	ND	5.0	
Acenaphthylene	ug/l	ND	5.0	
Anthracene	ug/l	ND	5.0	
Benzidine	ug/l	ND	50.	
Benzo(k)fluoranthene	ug/l	ND	5.0	
Benzo(b)fluoranthene	ug/l	ND	5.0	
Benzo(a)anthracene	ug/l	ND	5.0	
Benzo(g,h,i)perylene	ug/l	ND	5.0	
Benzo(a)pyrene	ug/l	ND	5.0	
4-Bromophenylphenyl ether	ug/l	ND	5.0	
Butylbenzylphthalate	ug/l	ND	5.0	
4-Chloro-3-methylphenol	ug/l	ND	5.0	
bis(2-Chloroethoxy)methane	ug/l	ND	5.0	
bis(2-Chloroethyl) ether	ug/l	ND	5.0	
bis(2-Chloroisopropyl) ether	ug/l	ND	5.0	
2-Chloronaphthalene	ug/l	ND	5.0	
2-Chlorophenol	ug/l	ND	5.0	
4-Chlorophenylphenyl ether	ug/l	ND	5.0	
Chrysene	ug/l	ND	5.0	
Dibenz(a,h)anthracene	ug/l	ND	5.0	
1,2-Dichlorobenzene	ug/l	ND	5.0	
1,3-Dichlorobenzene	ug/l	ND	5.0	
1,4-Dichlorobenzene	ug/l	ND	5.0	
3,3'-Dichlorobenzidine	ug/l	ND	10.	
2,4-Dichlorophenol	ug/l	ND	5.0	
Diethylphthalate	ug/l	ND	5.0	
2,4-Dimethylphenol	ug/l	ND	5.0	
Dimethylphthalate	ug/l	ND	5.0	
Di-n-butylphthalate	ug/l	ND	5.0	
4,6-Dinitro-2-methylphenol	ug/l	ND	25.	
2,4-Dinitrophenol	ug/l	ND	25.	

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926304270
 Associated Lab Samples: 926278540 926278557 926278565

Parameter	Units	Blank Result	Reporting Limit	Footnotes
2,4-Dinitrotoluene	ug/l	ND	5.0	
2,6-Dinitrotoluene	ug/l	ND	5.0	
Di-n-octylphthalate	ug/l	ND	5.0	
bis(2-Ethylhexyl)phthalate	ug/l	ND	5.0	
Fluoranthene	ug/l	ND	5.0	
Fluorene	ug/l	ND	5.0	
Hexachloro-1,3-butadiene	ug/l	ND	5.0	
Hexachlorobenzene	ug/l	ND	5.0	
Hexachlorocyclopentadiene	ug/l	ND	10.	
Hexachloroethane	ug/l	ND	5.0	
Indeno(1,2,3-cd)pyrene	ug/l	ND	5.0	
Isophorone	ug/l	ND	5.0	
Naphthalene	ug/l	ND	5.0	
Nitrobenzene	ug/l	ND	5.0	
2-Nitrophenol	ug/l	ND	5.0	
4-Nitrophenol	ug/l	ND	25.	
N-Nitrosodimethylamine	ug/l	ND	5.0	
N-Nitroso-di-n-propylamine	ug/l	ND	5.0	
N-Nitrosodiphenylamine	ug/l	ND	5.0	
Pentachlorophenol	ug/l	ND	25.	
Phenanthrene	ug/l	ND	5.0	
Phenol	ug/l	ND	5.0	
Pyrene	ug/l	ND	5.0	
1,2,4-Trichlorobenzene	ug/l	ND	5.0	
2,4,6-Trichlorophenol	ug/l	ND	5.0	
Nitrobenzene-d5 (S)	×	57		
2-Fluorobiphenyl (S)	×	54		
Terphenyl-d14 (S)	×	62		
Phenol-d5 (S)	×	23		
2-Fluorophenol (S)	×	32		
2,4,6-Tribromophenol (S)	×	61		

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QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

QC Batch: 141372	Analysis Method: % Moisture				
QC Batch Method:	Analysis Description: Percent Moisture				
Associated Lab Samples:	926278300	926278318	926278326	926278334	926278342
	926278359	926278367	926278375	926278383	926278391
	926278409	926278417	926278425	926278433	926278441
	926278458	926278466	926278474	926278482	926278490

SAMPLE DUPLICATE: 926280207

Parameter	Units	926278300	DUP	RPD	Footnotes
		Result	Result		
Percent Moisture	%	14.20	14.50	2	

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Lab Project Number: 92106389
Client Project ID: Multi Modal/WBS#32179

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

- LCS(D) Laboratory Control Sample (Duplicate)
- MS(D) Matrix Spike (Duplicate)
- DUP Sample Duplicate
- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit
- RPD Relative Percent Difference
- (S) Surrogate
- [1] Recovery falls outside of QC limits, however, this compound is not found in the associated samples.
- [2] The surrogate and/or spike recovery was outside acceptance limits.
- [3] The calculated RPD was outside QC acceptance limits.
- [4] Common laboratory contaminant.

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TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
Lab Smp Id: 926278540
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV

Client SDG: 92106389
Client Smp ID: SB-41 GW
Sample Date: 28-OCT-2005
Sample Point:
Date Received: 28-OCT-2005 00:00
Level: LOW

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Organic Acid	10.972	7.69	J
2.	Unknown Phthalate	13.915	6.25	J

Pace Analytical Services - Charlotte

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
 Lab Smp Id: 926278557
 Operator : BET
 Sample Location:
 Sample Matrix: WATER
 Analysis Type: SV

Client SDG: 92106389
 Client Smp ID: SB-42 GW
 Sample Date: 28-OCT-2005
 Sample Point:
 Date Received: 28-OCT-2005 00:00
 Level: LOW

Number TICs found: 25

CONCENTRATION UNITS:
 (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Alkane	4.947	154	J
2.	Unknown	5.006	118	J
3.	Unknown	5.191	129	J
4.	Unknown	5.338	111	J
5.	Unknown	5.457	170	J
6.	Unknown	5.516	158	J
7.	Unknown	5.612	71.7	J
8.	C-10 or larger alkane	5.664	130	J
9.	Unknown	5.900	77.6	J
10.	C-11 or larger alkane	6.107	149	J
11.	Unknown	6.292	127	J
12.	Unknown	6.425	401	J
13.	Unknown	6.492	138	J
14.	Unknown	6.595	84.8	J
15.	C-4 substituted benzene	6.758	236	J
16.	C-4 substituted benzene	7.039	105	J
17.	Unknown	7.150	90.0	J
18.	Methylindan isomer	7.290	32.6	94J
19.	Unknown	7.327	31.0	J
20.	Unknown	7.408	150	J
21.	Unknown	7.519	34.7	J
22.	Unknown	7.652	30.6	J
23.	Unknown	7.704	69.2	J
24.	Methylnaphthalene isomer	9.005	39.2	95J
25.	Unknown	11.068	117	J

Pace Analytical Services - Charlotte

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
Lab Smp Id: 926278565
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV

Client SDG: 92106389
Client Smp ID: SB-31 GW
Sample Date: 28-OCT-2005
Sample Point:
Date Received: 28-OCT-2005 00:00
Level: LOW

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 124-07-2	Octanoic Acid	7.327	73.8	86J_
2.	Unknown	9.116	60.5	_J_
3. 143-07-7	Dodecanoic acid	11.127	246	98J_
4. 544-63-8	Tetradecanoic acid	12.835	13.6	99J_
5.	Unknown	18.771	6.93	_J_
6.	Unknown	20.464	7.95	_J_
7.	Unknown	20.567	5.04	_J_
8.	Unknown	21.195	6.12	_J_
9.	Unknown	22.009	9.67	_J_



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1
 930729

Section A

Required Client Information:
 Company: Greco Engineering Inc/DOT
 Address: PO BOX 111222
 City: RT, NC 27709
 Phone: 344-1100 Fax: 344-1100
 Email: tkillange@com

Required Project Information:
 Report To: Lori Hannibal
 Copy To: WBS 32179
 Purchase Order No.: WBS 32179
 Project Name: STANDARD
 Project Number: WBS 32179

Section B

Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

Section C

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA Other

SITE LOCATION
 GA IL IN MI MN NC
 OH SC WI OTHER

ITEM #	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WIP AIR AR OTHER OT TISSUE TS	Section D Required Client Information SAMPLE ID One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE	Matrix Code	Sample Type G-GRAB C-COMP	COLLECTED		# OF CONTAINERS	Preservatives Unpreserved H2SO4 HNO3 HCl NaOH Na2S2O3 Methanol Other	Filtered (Y/N) Requested Analysis:	Pace Project Number Lab ID
					COMPOSITE START DATE TIME	COMPOSITE END/GRAB DATE TIME				
1		SB-41-GW	WT	G	10/28	13:30	5			920775540
2		SB-42-GW	WT	G	10/28	14:00	5			920775540
3		SB-31-GW	WT	G	10/28	15:30	5			920775540
4		SB-35-GW	WT	G	10/28	15:45	5			920775540
5										
6										
7										
8										
9										
10										
11										
12										

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION
<u>[Signature]</u>	<u>10/28</u>	<u>16:05</u>	<u>[Signature]</u>	<u>10/28</u>	<u>16:05</u>	Received on ice Y/N Custody Y/N Sealed Cooler Y/N Samples Intact Y/N
<u>[Signature]</u>	<u>10/28</u>	<u>17:50</u>	<u>[Signature]</u>	<u>10/28</u>	<u>17:50</u>	

Additional Comments:
 Member of DOT 062414
 Rob Miller 10/28/05 AS

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER:
LOREI HANNIBAL

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

848556

Pace Analytical
www.paceanalytical.com

Section B Required Client Information:

Report To: **CORI HAMBURG**
 Copy To: **NOOT**
 Invoice To: **NOOT**
 P.O. **WBS EMPHNT No. 32179**
 Project Name: **Multi Modal / Rail Station**
 Project Number: **EMPHNT 10052 / WBS 32179**

Section C Client Information (Check quote/contract):

Requested Due Date: **10/28/05**
 *Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
 Turn Around Time (TAT) in calendar days.

To Be Completed by Pace Analytical and Client
 Quote Reference: **848556**

Project Manager: **STAMPARO**
 Project #: **537/008**
 Profile #: **10270**
 Requested Analysis: **W 127 MTRF**

ITEM #	Matrix Code	Valid Matrix Codes	Sample Type	Sample Code	Start Date	Start Time	End Date	End Time	Sample Temp	AT Collection	Preservatives	Remarks / Lab ID
1	SB-38-12 FT	DRINKING WATER GROUND WATER SPRING WATER WASTE WATER PRODUCT SOIL OIL WIPE AIR OTHER	SLG	SLG	10/28	9:50					H2SO4 HNO3 HCl NaOH Na2S2O3 Methanol Other	117
2	SB-39-45 FT		SLG	SLG	10/28	9:55						125
3	SB-36-8 FT		SLG	SLG	10/28	10:15						13
4	SB-43-8 FT		SLG	SLG	10/28	10:50						141
5	SB-17-12 FT		SLG	SLG	10/28	11:50						152
6	SB-33-8 FT		SLG	SLG	10/28	12:00						160
7	SB-31-15 FT		SLG	SLG	10/28	12:45						174
8	SB-40-12 FT		SLG	SLG	10/28	13:00						182
9	SB-31-8 FT		SLG	SLG	10/28	13:30						183
10	SB-45-12 FT		SLG	SLG	10/28	13:45						186
11	SB-32-15 FT		SLG	SLG	10/28	14:00						186
12	SB-35-12 FT		SLG	SLG	10/28	14:25						184

RELIQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
<i>[Signature]</i>	10/28/05	16:05	<i>[Signature]</i>	10/28/05	16:05
<i>[Signature]</i>	10/28/05	17:30	<i>[Signature]</i>	10/28/05	17:30

REGULATORY AGENCY

GROUND WATER DRINKING WATER
 NPDES RCRA
 Other

SAMPLE NOTES

Temp in °C: **40**
 Received on Ice: **Y/N**
 Sealed Cooler: **Y/N**
 Samples Intact: **Y/N**

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: **CORI HAMBURG**
 SIGNATURE of SAMPLER: *[Signature]*
 DATE Signed: **10/28/05**

848557

Required Client Information: **Section A**

Page: 1 of 4

Required Client Information: **Section B**

Company: **GENERAL BUSINESS/NC DOT**
Address: **PO BOX 14262**
City: **RTP, NC 27709**

Report To: **COE / HAMBUKLS**
Copy To: **NC DOT**
Invoice To: **NC DOT**

Required Client Information: **Section C**
Project Manager: **AS**
Project #: **72106304**
Profile #: **3452-3**

Phone: **544-1100** Fax: **544-4355**
Project Name: **MS ELEMENT NO. 32179**
Project Number: **NC01010052**

Client Information (Check quote/contract):
Requested Due Date: **5/10/2008**
*Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

To Be Completed by Face Analytical and Client
Quote Reference:
Requested Analysis: **TRA 5085/8260 1302 IPE & MTFE**
TRA 8270C
SW 8466003

ITEM #	Section D	Required Client Information:	Valid Matrix Codes	CODE	MATRIX CODE	SAMPLE TYPE	COLLECTED			SAMPLE TEMP AT COLLECTION	Preservatives						Remarks / Lab ID
							DATE	TIME	DATE		TIME	DATE	TIME	DATE	TIME	DATE	
1	5B-25	4 FT 12 FT	DRINKING WATER	DW	G	G	10/27	15:00									9262 78292
2	5B-24	6 FT 15 FT	GROUND WATER	GW	G	G	10/27	15:30									9300
3	5B-23	12 FT	SURFACE WATER	SW	G	G	10/27	15:35									9316
4	5B-22	4 FT	PRODUCT	P	G	G	10/27	15:50									9326
5	5B-21	8 FT	SOIL	SL	G	G	10/27	16:10									9384
6	5B-29	12 FT	WASTE WATER	WW	G	G	10/27	16:30									9342
7	5B-30	12 FT	OTHER	OT	G	G	10/27	16:48									9359
8	5B-26	15 FT	DRINKING WATER	DW	G	G	10/27	16:55									9367
9	5B-27	15 FT	GROUND WATER	GW	G	G	10/27	17:00									9375
10	5B-28	15 FT	SURFACE WATER	SW	G	G	10/27	17:05									9393
11	5B-41	12 FT	PRODUCT	P	G	G	10/28	9:30									9391
12	5B-32	12 FT	OTHER	OT	G	G	10/28	9:35									9409

SITE LOCATION		REGULATORY AGENCY		RELINQUISHED BY / AFFILIATION		ACCEPTED BY / AFFILIATION			
NC	SC	GA	NPDES	GROUND WATER	DRINKING WATER	DATE	TIME	DATE	TIME
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>[Signature]</i>	10/27/05	16:25	10/28/05
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>[Signature]</i>	10/28/05	17:30	10/28/05

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: **COE / HAMBUKLS**
SIGNATURE of SAMPLER: *[Signature]*

DATE SIGNED: MM/DD/YY
[Signature] 10/27/05

SEE REVERSE SIDE FOR INSTRUCTIONS

Form OCC01 Rev. 0304



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

Pace Analytical Services, Inc.
 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

QC Batch: 141941	Analysis Method: EPA 8270				
QC Batch Method: EPA 3545	Analysis Description: Semivolatile Organics				
Associated Lab Samples:	926272477	926272485	926272501	926272527	926272535
	926272550	926272584	926272592	926272626	926272634
	926272659	926272667	926272675		

METHOD BLANK: 926307885							
Associated Lab Samples:	926272477	926272485	926272501	926272527	926272535	926272550	926272584
	926272592	926272626	926272634	926272659	926272667	926272675	

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acenaphthene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
Benzoic acid	ug/kg	ND	1600	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Benzyl alcohol	ug/kg	ND	660	
Benzo(a)pyrene	ug/kg	ND	330	
4-Bromophenylphenyl ether	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
4-Chloroaniline	ug/kg	ND	660	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
bis(2-Chloroethyl) ether	ug/kg	ND	330	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
4-Chlorophenylphenyl ether	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Dibenzofuran	ug/kg	ND	330	
1,2-Dichlorobenzene	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
2,4-Dichlorophenol	ug/kg	ND	330	

Date: 11/11/05

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Asheville Certification IDs
 NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
 FL NELAP E87648

REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



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 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

METHOD BLANK: 926307885

Associated Lab Samples: 926272477 926272485 926272501 926272527 926272535 926272550 926272584
 926272592 926272626 926272634 926272659 926272667 926272675

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Diethylphthalate	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Dimethylphthalate	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	

Date: 11/11/05

Page: 139 of 164

Asheville Certification IDs
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 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

METHOD BLANK: 926307885

Associated Lab Samples:	926272477	926272485	926272501	926272527	926272535	926272550	926272584
	926272592	926272626	926272634	926272659	926272667	926272675	

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	40		
2-Fluorobiphenyl (S)	%	37		
Terphenyl-d14 (S)	%	71		
Phenol-d5 (S)	%	37		4
2-Fluorophenol (S)	%	36		
2,4,6-Tribromophenol (S)	%	59		

LABORATORY CONTROL SAMPLE: 926307893

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/kg	1667.00	1225	74	
Acenaphthylene	ug/kg	1667.00	1218	73	
Anthracene	ug/kg	1667.00	1332	80	
Benzo(k)fluoranthene	ug/kg	1667.00	1202	72	
Benzo(b)fluoranthene	ug/kg	1667.00	1213	73	
Benzo(a)anthracene	ug/kg	1667.00	1320	79	
Benzoic acid	ug/kg	1667.00	548.1	33	
Benzo(g,h,i)perylene	ug/kg	1667.00	1157	69	
Benzyl alcohol	ug/kg	1667.00	1474	88	
Benzo(a)pyrene	ug/kg	1667.00	1313	79	
4-Bromophenylphenyl ether	ug/kg	1667.00	1373	82	
Butylbenzylphthalate	ug/kg	1667.00	1274	76	
4-Chloro-3-methylphenol	ug/kg	1667.00	1497	90	
4-Chloroaniline	ug/kg	1667.00	547.7	33	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1242	74	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1157	69	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1203	72	
2-Chloronaphthalene	ug/kg	1667.00	1268	76	
2-Chlorophenol	ug/kg	1667.00	1193	72	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1292	78	

Date: 11/11/05

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 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

LABORATORY CONTROL SAMPLE: 926307893

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Chrysene	ug/kg	1667.00	1339	80	
Dibenz(a,h)anthracene	ug/kg	1667.00	1311	79	
Dibenzofuran	ug/kg	1667.00	1328	80	
1,2-Dichlorobenzene	ug/kg	1667.00	1154	69	
1,3-Dichlorobenzene	ug/kg	1667.00	1108	66	
1,4-Dichlorobenzene	ug/kg	1667.00	1111	67	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1027	31	
2,4-Dichlorophenol	ug/kg	1667.00	1389	83	
Diethylphthalate	ug/kg	1667.00	1264	76	
2,4-Dimethylphenol	ug/kg	1667.00	1102	66	
Dimethylphthalate	ug/kg	1667.00	1286	77	
Di-n-butylphthalate	ug/kg	1667.00	1267	76	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1158	70	
2,4-Dinitrophenol	ug/kg	1667.00	795.3	48	
2,4-Dinitrotoluene	ug/kg	1667.00	1232	74	
2,6-Dinitrotoluene	ug/kg	1667.00	1381	83	
Di-n-octylphthalate	ug/kg	1667.00	1215	73	
1,2-Diphenylhydrazine	ug/kg	1667.00	1163	70	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1304	78	
Fluoranthene	ug/kg	1667.00	1239	74	
Fluorene	ug/kg	1667.00	1232	74	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1312	79	
Hexachlorobenzene	ug/kg	1667.00	1401	84	
Hexachlorocyclopentadiene	ug/kg	1667.00	1351	81	
Hexachloroethane	ug/kg	1667.00	1176	71	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1214	73	
Isophorone	ug/kg	1667.00	2846	171	1
2-Methylnaphthalene	ug/kg	1667.00	1298	78	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1257	75	
3&4-Methylphenol	ug/kg	1667.00	1270	76	
Naphthalene	ug/kg	1667.00	1140	68	
2-Nitroaniline	ug/kg	1667.00	1036	62	
3-Nitroaniline	ug/kg	1667.00	660.7	40	
4-Nitroaniline	ug/kg	1667.00	708.6	42	
Nitrobenzene	ug/kg	1667.00	1343	81	
2-Nitrophenol	ug/kg	1667.00	1186	71	
4-Nitrophenol	ug/kg	1667.00	1292	78	

Date: 11/11/05

Page: 141 of 164

Asheville Certification IDs
 NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
 FL NELAP E87648

REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs
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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



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 Phone: 828.254.7176
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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

LABORATORY CONTROL SAMPLE: 926307893

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1361	82	
N-Nitrosodiphenylamine	ug/kg	1667.00	1180	71	
Pentachlorophenol	ug/kg	1667.00	1452	87	
Phenanthrene	ug/kg	1667.00	1248	75	
Phenol	ug/kg	1667.00	1335	80	
Pyrene	ug/kg	1667.00	1294	78	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1263	76	
2,4,5-Trichlorophenol	ug/kg	1667.00	1415	85	
2,4,6-Trichlorophenol	ug/kg	1667.00	1419	85	
Nitrobenzene-d5 (S)				84	
2-Fluorobiphenyl (S)				83	
Terphenyl-d14 (S)				88	
Phenol-d5 (S)				79	
2-Fluorophenol (S)				74	
2,4,6-Tribromophenol (S)				98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926307901 926307919

Parameter	Units	926272477	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	2219.00	562.8	1572	25	71	95	3
4-Chloro-3-methylphenol	ug/kg	0	2219.00	705.3	1993	32	90	95	3
2-Chlorophenol	ug/kg	0	2219.00	463.7	1486	21	67	105	3
1,4-Dichlorobenzene	ug/kg	0	2219.00	421.4	1340	19	60	104	3
2,4-Dinitrotoluene	ug/kg	0	2219.00	622.7	1696	28	76	93	3
4-Nitrophenol	ug/kg	0	2219.00	763.8	1817	34	82	82	3
N-Nitroso-di-n-propylamine	ug/kg	0	2219.00	587.4	1767	26	80	100	3
Pentachlorophenol	ug/kg	0	2219.00	771.5	1815	35	82	81	3
Phenol	ug/kg	0	2219.00	549.1	1686	25	76	102	3
Pyrene	ug/kg	0	2219.00	771.7	2083	35	94	92	3
1,2,4-Trichlorobenzene	ug/kg	0	2219.00	468.6	1572	21	71	108	3
Nitrobenzene-d5 (S)						23	78		
2-Fluorobiphenyl (S)						26	72		
Terphenyl-d14 (S)						42	109		
Phenol-d5 (S)						24	76		4
2-Fluorophenol (S)						21	67		

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926307901 926307919

Parameter	Units	926272477	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
2,4,6-Tribromophenol (S)						32	88		

SAMPLE DUPLICATE: 926307927

Parameter	Units	926272485	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzoic acid	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzyl alcohol	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
4-Bromophenylphenyl ether	ug/kg	ND	ND	NC	
Butylbenzylphthalate	ug/kg	ND	ND	NC	
4-Chloro-3-methylphenol	ug/kg	ND	ND	NC	
4-Chloroaniline	ug/kg	ND	ND	NC	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND	NC	
bis(2-Chloroethyl) ether	ug/kg	ND	ND	NC	
bis(2-Chloroisopropyl) ether	ug/kg	ND	ND	NC	
2-Chloronaphthalene	ug/kg	ND	ND	NC	
2-Chlorophenol	ug/kg	ND	ND	NC	
4-Chlorophenylphenyl ether	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Dibenzofuran	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
3,3'-Dichlorobenzidine	ug/kg	ND	ND	NC	
2,4-Dichlorophenol	ug/kg	ND	ND	NC	
Diethylphthalate	ug/kg	ND	ND	NC	
2,4-Dimethylphenol	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

SAMPLE DUPLICATE: 926307927

Parameter	Units	926272485	DUP	RPD	Footnotes
		Result	Result		
Dimethylphthalate	ug/kg	ND	ND	NC	
Di-n-butylphthalate	ug/kg	ND	ND	NC	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND	NC	
2,4-Dinitrophenol	ug/kg	ND	ND	NC	
2,4-Dinitrotoluene	ug/kg	ND	ND	NC	
2,6-Dinitrotoluene	ug/kg	ND	ND	NC	
Di-n-octylphthalate	ug/kg	ND	ND	NC	
1,2-Diphenylhydrazine	ug/kg	ND	ND	NC	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
Hexachlorobenzene	ug/kg	ND	ND	NC	
Hexachlorocyclopentadiene	ug/kg	ND	ND	NC	
Hexachloroethane	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Isophorone	ug/kg	ND	ND	NC	
2-Methylnaphthalene	ug/kg	ND	ND	NC	
2-Methylphenol (o-Cresol)	ug/kg	ND	ND	NC	
3&4-Methylphenol	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
2-Nitroaniline	ug/kg	ND	ND	NC	
3-Nitroaniline	ug/kg	ND	ND	NC	
4-Nitroaniline	ug/kg	ND	ND	NC	
Nitrobenzene	ug/kg	ND	ND	NC	
2-Nitrophenol	ug/kg	ND	ND	NC	
4-Nitrophenol	ug/kg	ND	ND	NC	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND	NC	
N-Nitrosodiphenylamine	ug/kg	ND	ND	NC	
Pentachlorophenol	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Phenol	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
2,4,5-Trichlorophenol	ug/kg	ND	ND	NC	
2,4,6-Trichlorophenol	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	48	46		

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

SAMPLE DUPLICATE: 926307927

<u>Parameter</u>	<u>Units</u>	926272485	DUP	<u>RPD</u>	<u>Footnotes</u>
		<u>Result</u>	<u>Result</u>		
2-Fluorobiphenyl (S)	%	44	42		
Terphenyl-d14 (S)	%	79	80		
Phenol-d5 (S)	%	49	45		
2-Fluorophenol (S)	%	49	44		
2,4,6-Tribromophenol (S)	%	63	62		

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

QC Batch: 141546	Analysis Method: EPA 8260				
QC Batch Method: EPA 8260	Analysis Description: GC/MS VOCs 5035/8260 low level				
Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444
	926272451	926272469	926272477	926272485	926272501
	926272527	926272535	926272550	926272584	926272592
	926272626	926272634			

METHOD BLANK: 926286428							
Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444	926272451	926272469
	926272477	926272485	926272501	926272527	926272535	926272550	926272584
	926272592	926272626	926272634				

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

METHOD BLANK: 926286428

Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444	926272451	926272469
	926272477	926272485	926272501	926272527	926272535	926272550	926272584
	926272592	926272626	926272634				

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

METHOD BLANK: 926286428

Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444	926272451	926272469
	926272477	926272485	926272501	926272527	926272535	926272550	926272584
	926272592	926272626	926272634				

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	100		
4-Bromofluorobenzene (S)	%	99		
Dibromofluoromethane (S)	%	104		
1,2-Dichloroethane-d4 (S)	%	105		

LABORATORY CONTROL SAMPLE: 926286436

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acetone	ug/kg	100.00	76.87	77	
Benzene	ug/kg	50.00	45.30	91	
Bromobenzene	ug/kg	50.00	42.17	84	
Bromochloromethane	ug/kg	50.00	45.77	92	
Bromodichloromethane	ug/kg	50.00	46.81	94	
Bromoform	ug/kg	50.00	45.66	91	
Bromomethane	ug/kg	50.00	38.97	78	
2-Butanone (MEK)	ug/kg	100.00	86.59	87	
n-Butylbenzene	ug/kg	50.00	41.10	82	
sec-Butylbenzene	ug/kg	50.00	43.95	88	
tert-Butylbenzene	ug/kg	50.00	44.00	88	
Carbon tetrachloride	ug/kg	50.00	46.60	93	
Chlorobenzene	ug/kg	50.00	46.33	93	
Chloroethane	ug/kg	50.00	37.27	74	
Chloroform	ug/kg	50.00	48.75	98	
Chloromethane	ug/kg	50.00	35.40	71	
2-Chlorotoluene	ug/kg	50.00	45.08	90	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

LABORATORY CONTROL SAMPLE: 926286436

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
4-Chlorotoluene	ug/kg	50.00	45.98	92	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	44.08	88	
Dibromochloromethane	ug/kg	50.00	44.16	88	
1,2-Dibromoethane (EDB)	ug/kg	50.00	45.57	91	
Dibromomethane	ug/kg	50.00	48.35	97	
1,2-Dichlorobenzene	ug/kg	50.00	44.67	89	
1,3-Dichlorobenzene	ug/kg	50.00	44.35	89	
1,4-Dichlorobenzene	ug/kg	50.00	45.89	92	
Dichlorodifluoromethane	ug/kg	50.00	35.99	72	
1,1-Dichloroethane	ug/kg	50.00	49.04	98	
1,2-Dichloroethane	ug/kg	50.00	42.51	85	
1,1-Dichloroethene	ug/kg	50.00	55.50	111	
cis-1,2-Dichloroethene	ug/kg	50.00	44.97	90	
trans-1,2-Dichloroethene	ug/kg	50.00	46.13	92	
1,2-Dichloropropane	ug/kg	50.00	49.06	98	
1,3-Dichloropropane	ug/kg	50.00	45.92	92	
2,2-Dichloropropane	ug/kg	50.00	43.02	86	
1,1-Dichloropropene	ug/kg	50.00	48.87	98	
cis-1,3-Dichloropropene	ug/kg	50.00	51.43	103	
trans-1,3-Dichloropropene	ug/kg	50.00	48.61	97	
Diisopropyl ether	ug/kg	50.00	43.93	88	
Ethylbenzene	ug/kg	50.00	44.08	88	
Hexachloro-1,3-butadiene	ug/kg	50.00	46.88	94	
2-Hexanone	ug/kg	100.00	94.97	95	
Isopropylbenzene (Cumene)	ug/kg	50.00	51.11	102	
p-Isopropyltoluene	ug/kg	50.00	40.76	82	
Methylene chloride	ug/kg	50.00	53.32	107	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	100.6	101	
Methyl-tert-butyl ether	ug/kg	50.00	42.84	86	
Naphthalene	ug/kg	50.00	39.52	79	
n-Propylbenzene	ug/kg	50.00	44.24	88	
Styrene	ug/kg	50.00	47.78	96	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	44.24	88	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	41.76	84	
Tetrachloroethene	ug/kg	50.00	46.13	92	
Toluene	ug/kg	50.00	44.00	88	
1,2,3-Trichlorobenzene	ug/kg	50.00	48.83	98	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

LABORATORY CONTROL SAMPLE: 926286436

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,2,4-Trichlorobenzene	ug/kg	50.00	51.25	103	
1,1,1-Trichloroethane	ug/kg	50.00	44.15	88	
1,1,2-Trichloroethane	ug/kg	50.00	44.92	90	
Trichloroethene	ug/kg	50.00	46.92	94	
Trichlorofluoromethane	ug/kg	50.00	46.64	93	
1,2,3-Trichloropropane	ug/kg	50.00	46.34	93	
1,2,4-Trimethylbenzene	ug/kg	50.00	40.25	80	
1,3,5-Trimethylbenzene	ug/kg	50.00	39.75	80	
Vinyl acetate	ug/kg	100.00	234.5	235	1
Vinyl chloride	ug/kg	50.00	41.45	83	
Xylene (Total)	ug/kg	150.00	139.8	93	
m&p-Xylene	ug/kg	100.00	92.23	92	
o-Xylene	ug/kg	50.00	47.60	95	
Toluene-d8 (S)				102	
4-Bromofluorobenzene (S)				102	
Dibromofluoromethane (S)				95	
1,2-Dichloroethane-d4 (S)				95	

MATRIX SPIKE: 926289380

Parameter	Units	926272410	Spike	MS	MS	Footnotes
		Result	Conc.	Result	% Rec	
Benzene	ug/kg	0	49.38	45.25	92	
Chlorobenzene	ug/kg	0	49.38	47.72	97	
1,1-Dichloroethene	ug/kg	0	49.38	63.15	128	
Toluene	ug/kg	17.58	49.38	65.34	97	
Trichloroethene	ug/kg	0	49.38	43.55	88	
Toluene-d8 (S)					100	
4-Bromofluorobenzene (S)					96	
Dibromofluoromethane (S)					105	
1,2-Dichloroethane-d4 (S)					101	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

SAMPLE DUPLICATE: 926289372

Parameter	Units	926272402	DUP	RPD	Footnotes
		Result	Result		
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

SAMPLE DUPLICATE: 926289372

Parameter	Units	926272402	DUP	RPD	Footnotes
		Result	Result		
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	7.500	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
Xylene (Total)	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	102	101		
4-Bromofluorobenzene (S)	%	103	99		
Dibromofluoromethane (S)	%	104	107		
1,2-Dichloroethane-d4 (S)	%	103	101		

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

METHOD BLANK: 926290180
 Associated Lab Samples: 926272659 926272667 926272675

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

METHOD BLANK: 926290180
 Associated Lab Samples: 926272659 926272667 926272675

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Toluene-d8 (S)	%	101		
4-Bromofluorobenzene (S)	%	98		
Dibromofluoromethane (S)	%	107		
1,2-Dichloroethane-d4 (S)	%	102		

LABORATORY CONTROL SAMPLE: 926290198

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	79.32	79	
Benzene	ug/kg	50.00	42.12	84	
Bromobenzene	ug/kg	50.00	42.85	86	
Bromochloromethane	ug/kg	50.00	43.99	88	
Bromodichloromethane	ug/kg	50.00	42.48	85	
Bromoform	ug/kg	50.00	41.08	82	
Bromomethane	ug/kg	50.00	45.46	91	
2-Butanone (MEK)	ug/kg	100.00	80.13	80	
n-Butylbenzene	ug/kg	50.00	39.18	78	
sec-Butylbenzene	ug/kg	50.00	41.82	84	
tert-Butylbenzene	ug/kg	50.00	41.25	82	
Carbon tetrachloride	ug/kg	50.00	43.63	87	
Chlorobenzene	ug/kg	50.00	44.41	89	
Chloroethane	ug/kg	50.00	36.57	73	
Chloroform	ug/kg	50.00	43.72	87	
Chloromethane	ug/kg	50.00	40.22	80	
2-Chlorotoluene	ug/kg	50.00	42.34	85	
4-Chlorotoluene	ug/kg	50.00	43.01	86	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	40.52	81	
Dibromochloromethane	ug/kg	50.00	42.08	84	
1,2-Dibromoethane (EDB)	ug/kg	50.00	43.50	87	
Dibromomethane	ug/kg	50.00	46.57	93	
1,2-Dichlorobenzene	ug/kg	50.00	42.14	84	
1,3-Dichlorobenzene	ug/kg	50.00	42.66	85	
1,4-Dichlorobenzene	ug/kg	50.00	43.11	86	
Dichlorodifluoromethane	ug/kg	50.00	42.21	84	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

LABORATORY CONTROL SAMPLE: 926290198

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,1-Dichloroethane	ug/kg	50.00	46.04	92	
1,2-Dichloroethane	ug/kg	50.00	39.87	80	
1,1-Dichloroethene	ug/kg	50.00	54.13	108	
cis-1,2-Dichloroethene	ug/kg	50.00	42.32	85	
trans-1,2-Dichloroethene	ug/kg	50.00	44.77	90	
1,2-Dichloropropane	ug/kg	50.00	48.76	98	
1,3-Dichloropropane	ug/kg	50.00	43.83	88	
2,2-Dichloropropane	ug/kg	50.00	39.66	79	
1,1-Dichloropropene	ug/kg	50.00	46.49	93	
cis-1,3-Dichloropropene	ug/kg	50.00	47.48	95	
trans-1,3-Dichloropropene	ug/kg	50.00	43.78	88	
Diisopropyl ether	ug/kg	50.00	40.15	80	
Ethylbenzene	ug/kg	50.00	42.27	84	
Hexachloro-1,3-butadiene	ug/kg	50.00	43.07	86	
2-Hexanone	ug/kg	100.00	85.77	86	
Isopropylbenzene (Cumene)	ug/kg	50.00	48.11	96	
p-Isopropyltoluene	ug/kg	50.00	38.05	76	
Methylene chloride	ug/kg	50.00	51.32	103	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	89.64	90	
Methyl-tert-butyl ether	ug/kg	50.00	38.82	78	
Naphthalene	ug/kg	50.00	37.53	75	
n-Propylbenzene	ug/kg	50.00	41.07	82	
Styrene	ug/kg	50.00	46.29	93	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	41.58	83	
1,1,1,2,2-Tetrachloroethane	ug/kg	50.00	41.74	84	
Tetrachloroethene	ug/kg	50.00	42.74	86	
Toluene	ug/kg	50.00	41.39	83	
1,2,3-Trichlorobenzene	ug/kg	50.00	45.75	92	
1,2,4-Trichlorobenzene	ug/kg	50.00	47.94	96	
1,1,1-Trichloroethane	ug/kg	50.00	40.52	81	
1,1,2-Trichloroethane	ug/kg	50.00	41.42	83	
Trichloroethene	ug/kg	50.00	43.04	86	
Trichlorofluoromethane	ug/kg	50.00	46.01	92	
1,2,3-Trichloropropane	ug/kg	50.00	46.87	94	
1,2,4-Trimethylbenzene	ug/kg	50.00	37.57	75	
1,3,5-Trimethylbenzene	ug/kg	50.00	37.46	75	
Vinyl acetate	ug/kg	100.00	214.9	215	1

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

LABORATORY CONTROL SAMPLE: 926290198

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Vinyl chloride	ug/kg	50.00	41.10	82	
Xylene (Total)	ug/kg	150.00	129.0	86	
m&p-Xylene	ug/kg	100.00	84.70	85	
o-Xylene	ug/kg	50.00	44.32	89	
Toluene-d8 (S)				99	
4-Bromofluorobenzene (S)				100	
Dibromofluoromethane (S)				96	
1,2-Dichloroethane-d4 (S)				96	

MATRIX SPIKE: 926297078

Parameter	Units	926278292	Spike	MS	MS	Footnotes
		Result	Conc.	Result	% Rec	
Benzene	ug/kg	0	51.69	51.42	100	
Chlorobenzene	ug/kg	0	51.69	52.60	102	
1,1-Dichloroethene	ug/kg	0	51.69	66.14	128	
Toluene	ug/kg	0	51.69	49.88	96	
Trichloroethene	ug/kg	0	51.69	49.65	96	
Toluene-d8 (S)					99	
4-Bromofluorobenzene (S)					104	
Dibromofluoromethane (S)					96	
1,2-Dichloroethane-d4 (S)					96	

SAMPLE DUPLICATE: 926297060

Parameter	Units	926272659	DUP	RPD	Footnotes
		Result	Result		
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

SAMPLE DUPLICATE: 926297060

Parameter	Units	926272659	DUP	RPD	Footnotes
		Result	Result		
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	ND	34.00	0	5
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

SAMPLE DUPLICATE: 926297060

Parameter	Units	926272659	DUP	RPD	Footnotes
		Result	Result		
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
Xylene (Total)	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	103	100		
4-Bromofluorobenzene (S)	%	100	103		
Dibromofluoromethane (S)	%	105	99		
1,2-Dichloroethane-d4 (S)	%	100	97		

Date: 11/11/05

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 NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
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REPORT OF LABORATORY ANALYSIS

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 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



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 Fax: 704.875.9091

Pace Analytical Services, Inc.
 2225 Riverside Drive
 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

QC Batch: 141213	Analysis Method: EPA 6010				
QC Batch Method: EPA 3050	Analysis Description: Metals, Trace ICP				
Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444
	926272451	926272469	926272477	926272485	926272501
	926272527	926272535	926272550	926272584	926272592
	926272626	926272634	926272659	926272667	926272675

METHOD BLANK: 926273624							
Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444	926272451	926272469
	926272477	926272485	926272501	926272527	926272535	926272550	926272584
	926272592	926272626	926272634	926272659	926272667	926272675	

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Chromium	mg/kg	ND	0.20	
Lead	mg/kg	ND	0.50	

LABORATORY CONTROL SAMPLE: 926273632

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Chromium	mg/kg	50.00	42.80	86	
Lead	mg/kg	50.00	42.20	84	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926273640 926273657

Parameter	Units	926272402 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Chromium	mg/kg	47.83	66.10	119.1	119.4	108	104	0	
Lead	mg/kg	3.085	66.10	64.29	63.12	93	87	2	

SAMPLE DUPLICATE: 926273665

Parameter	Units	926272410 Result	DUP Result	RPD	Footnotes
Chromium	mg/kg	130.0	140.0	6	
Lead	mg/kg	4.500	7.400	47	

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 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

QC Batch: 141182	Analysis Method: % Moisture				
QC Batch Method:	Analysis Description: Percent Moisture				
Associated Lab Samples:	926272402	926272410	926272428	926272436	926272444
	926272451	926272469	926272477	926272485	926272501
	926272527	926272535	926272550		

SAMPLE DUPLICATE: 926272733

Parameter	Units	926272246	DUP	RPD	Footnotes
		Result	Result		
Percent Moisture	%	24.00	23.30	3	

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 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92106292
 Client Project ID: Multimodal/WBS #32179

QC Batch: 141184	Analysis Method: % Moisture				
QC Batch Method:	Analysis Description: Percent Moisture				
Associated Lab Samples:	926272584	926272592	926272626	926272634	926272659
	926272667	926272675			

SAMPLE DUPLICATE: 926272741

<u>Parameter</u>	<u>Units</u>	926272584	DUP		
		<u>Result</u>	<u>Result</u>	<u>RPD</u>	<u>Footnotes</u>
Percent Moisture	%	29.40	29.40	0	

Date: 11/11/05

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2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92106292
Client Project ID: Multimodal/WBS #32179

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

- LCS(D) Laboratory Control Sample (Duplicate)
MS(D) Matrix Spike (Duplicate)
DUP Sample Duplicate
ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL Adjusted Method Detection Limit
RPD Relative Percent Difference
(S) Surrogate
[1] Recovery falls outside of QC limits, however, this compound is not found in the associated samples.
[2] The surrogate and/or spike recovery was outside acceptance limits.
[3] RPD value was outside control limits, however both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
[4] Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of the two remaining acid surrogates.
[5] Common laboratory contaminant.

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Pace Analytical Services - Charlotte

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
Lab Smp Id: 926272360
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV

Client SDG: 92106292
Client Smp ID: SB-1-GW
Sample Date: 27-OCT-2005
Sample Point:
Date Received: 27-OCT-2005 00:00
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 7683-64-9	Squalene	20.722	5.70	91J_

Pace Analytical Services - Charlotte

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
Lab Smp Id: 926272386
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV

Client SDG: 92106292
Client Smp ID: SB-2-GW
Sample Date: 27-OCT-2005
Sample Point:
Date Received: 27-OCT-2005 00:00
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

Pace Analytical Services - Charlotte

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-GEL
Lab Smp Id: 926272394
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV

Client SDG: 92106292
Client Smp ID: SB-15-GW
Sample Date: 27-OCT-2005
Sample Point:
Date Received: 27-OCT-2005 00:00
Level: LOW

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 65-85-0	Benzoic Acid	7.507	5.21	95J
2. 105-60-2	Caprolactam	8.467	50.2	90J
3.	Unknown Organic Acid	11.106	8.48	J
4.	Unknown	17.152	7.47	J



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: ENVIORAL ENGINEERING/NOOT
 Address: PO BOX 14262
 City: RTP, NC 27709
 Email: KKH@GEL.COM

Section B Required Project Information:

Report To: WARRI HANSEN/KLG
 Copy To: _____
 Address: _____
 Purchase Order No.: 32177
 Project Name: MULTIMODAL RAIL STATION
 Project Number: STANDARD
 Requested Due Date/TAT: _____

Section C Invoice Information:

Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote Reference: AS
 Pace Project Manager: AS
 Pace Profile #: 3452-3

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA Other

SITE LOCATION

GA IL IN IA MN NC
 OH SC VA WI OTHER

Valid Matrix Codes

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / -)

Samples IDs MUST BE UNIQUE

ITEM #	MATRIX CODE	SAMPLE TYPE	COLLECTED		# OF CONTAINERS	PRESERVATIVES	OTHER	Filtered (Y/N)	Requested Analysis:	Pace Project Number	Lab ID
			DATE	TIME							
1	GW	G-GRAB	10/27	10:20	5					92106292	9210272360
2	GW	G-GRAB	10/27	10:30	5					2386	
3	GW	G-GRAB	10/27	12:45	5					2394	
4											
5											
6											
7											
8											
9											
10											
11											
12											

Additional Comments:

R.A. Symon/Pace 10/27/05 15:23
10/27/05 14:50
10/27/05 14:51

RELINQUISHED BY: AFFILIATION: _____ DATE: _____ TIME: _____
 ACCEPTED BY: AFFILIATION: _____ DATE: _____ TIME: _____

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody	Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: _____
 SIGNATURE of SAMPLER: _____
 DATE Signed (MM/DD/YY): 10/27/05

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

848559



Section A
 Required Client Information:
 Company: GENERAL ENVIRONMENTAL/ALCOAT
 Address: PO BOX 14262
 RTP, NC 27709
 Phone: 514-4755
 Fax: 514-4755

Section B
 Required Client Information:
 Report To: LORIAN HAMBLER
 Copy To: NCDOT
 Invoice To: NCDOT
 P.O. BOX ELEMENT NO. 32179
 Project Name: North Carol Rail Station
 Project Number: NCDOT DIV 51/WBS 32179

Section C
 To Be Completed by Pace Analytical and Client
 Quote Reference:
 Project Manager:
 Project #:
 Profile #:
 Requested Analysis:

Client Information (Check quote/contract):
 Requested Due Date: STANDARD
 Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
 Turn Around Time (TAT) in calendar days.

ITEM #	SAMPLE ID	MATRIX CODE	G-RAB C-COMP	COLLECTED		SAMPLE TEMP	PRESERVATIVES							REMARKS / Lab ID	
				START DATE	END TIME		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol		Other
1	S8-7-9 FT		G	10/26/05	1240										2402
2	S8-1-8 FT		G	10/26/05	1255										2410
3	S8-3-8 FT		G	10/26/05	1320										2423
4	S8-2-8 FT		G	10/26/05	1420										2436
5	S8-6-8 FT		G	10/26/05	1430										2444
6	S8-7-8 FT		G	10/26/05	1455										2451
7	S8-7-8 FT		G	10/26/05	1515										2469
8	S8-8-8 FT		G	10/26/05	1530										2477
9	S8-9-8 FT		G	10/26/05	1545										2495
10	S8-10-15 FT		G	10/26/05	1605										2501
11	S8-11-4 FT		G	10/26/05	1625										2527
12	S8-12-15 FT		G	10/26/05	1640										2535

Section D
 Required Client Information:
SAMPLE ID
 One character per box.
 (A-Z, 0-9 / . -)

Section E
 REGULATORY AGENCY
 NC SC GA NPDES GROUND WATER DRINKING WATER
 Other RCRA UST

Section F
 SAMPLE CONDITION
 Temp in °C _____
 Received on Ice Y/N _____
 Sealed Cooler Y/N _____
 Samples Intact Y/N _____

Section G
 Additional Comments:
 3

Section H
 SILENT LOCATION
 NC SC GA NPDES GROUND WATER DRINKING WATER
 Other RCRA UST

Section I
 RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION DATE TIME

Section J
 SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: HARRIS FRANK
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed: 10/27/05



Pace Analytical Services, Inc.
 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

METHOD BLANK: 926293085
 Associated Lab Samples: 926278524 926278532

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Toluene-d8 (S)	%	103		
4-Bromofluorobenzene (S)	%	96		
Dibromofluoromethane (S)	%	113		
1,2-Dichloroethane-d4 (S)	%	108		

LABORATORY CONTROL SAMPLE: 926293093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	110.5	110	
Benzene	ug/kg	50.00	50.13	100	
Bromobenzene	ug/kg	50.00	51.31	103	
Bromochloromethane	ug/kg	50.00	55.59	111	
Bromodichloromethane	ug/kg	50.00	50.91	102	
Bromoform	ug/kg	50.00	54.19	108	
Bromomethane	ug/kg	50.00	47.96	96	
2-Butanone (MEK)	ug/kg	100.00	104.3	104	
n-Butylbenzene	ug/kg	50.00	45.57	91	
sec-Butylbenzene	ug/kg	50.00	51.85	104	
tert-Butylbenzene	ug/kg	50.00	53.65	107	
Carbon tetrachloride	ug/kg	50.00	50.64	101	
Chlorobenzene	ug/kg	50.00	51.68	103	
Chloroethane	ug/kg	50.00	48.41	97	
Chloroform	ug/kg	50.00	56.00	112	
Chloromethane	ug/kg	50.00	47.33	95	
2-Chlorotoluene	ug/kg	50.00	51.41	103	
4-Chlorotoluene	ug/kg	50.00	49.46	99	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	55.62	111	
Dibromochloromethane	ug/kg	50.00	52.21	104	
1,2-Dibromoethane (EDB)	ug/kg	50.00	52.90	106	
Dibromomethane	ug/kg	50.00	52.32	105	
1,2-Dichlorobenzene	ug/kg	50.00	50.23	100	
1,3-Dichlorobenzene	ug/kg	50.00	49.06	98	
1,4-Dichlorobenzene	ug/kg	50.00	47.29	95	
Dichlorodifluoromethane	ug/kg	50.00	50.49	101	

Date: 11/14/05

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 NC Drinking Water 37706



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 Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

LABORATORY CONTROL SAMPLE: 926293093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,1-Dichloroethane	ug/kg	50.00	54.71	109	
1,2-Dichloroethane	ug/kg	50.00	49.77	100	
1,1-Dichloroethene	ug/kg	50.00	64.01	128	
cis-1,2-Dichloroethene	ug/kg	50.00	49.20	98	
trans-1,2-Dichloroethene	ug/kg	50.00	51.63	103	
1,2-Dichloropropane	ug/kg	50.00	55.72	111	
1,3-Dichloropropane	ug/kg	50.00	53.98	108	
2,2-Dichloropropane	ug/kg	50.00	50.66	101	
1,1-Dichloropropene	ug/kg	50.00	54.67	109	
cis-1,3-Dichloropropene	ug/kg	50.00	52.88	106	
trans-1,3-Dichloropropene	ug/kg	50.00	50.93	102	
Diisopropyl ether	ug/kg	50.00	47.11	94	
Ethylbenzene	ug/kg	50.00	48.65	97	
Hexachloro-1,3-butadiene	ug/kg	50.00	53.18	106	
2-Hexanone	ug/kg	100.00	105.5	106	
Isopropylbenzene (Cumene)	ug/kg	50.00	56.80	114	
p-Isopropyltoluene	ug/kg	50.00	47.25	94	
Methylene chloride	ug/kg	50.00	62.03	124	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	111.2	111	
Methyl-tert-butyl ether	ug/kg	50.00	46.61	93	
Naphthalene	ug/kg	50.00	45.62	91	
n-Propylbenzene	ug/kg	50.00	51.18	102	
Styrene	ug/kg	50.00	52.74	105	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	50.69	101	
1,1,1,2,2-Tetrachloroethane	ug/kg	50.00	53.12	106	
Tetrachloroethene	ug/kg	50.00	51.18	102	
Toluene	ug/kg	50.00	47.41	95	
1,2,3-Trichlorobenzene	ug/kg	50.00	49.57	99	
1,2,4-Trichlorobenzene	ug/kg	50.00	46.72	93	
1,1,1-Trichloroethane	ug/kg	50.00	49.84	100	
1,1,2-Trichloroethane	ug/kg	50.00	52.39	105	
Trichloroethene	ug/kg	50.00	50.04	100	
Trichlorofluoromethane	ug/kg	50.00	57.01	114	
1,2,3-Trichloropropane	ug/kg	50.00	53.81	108	
1,2,4-Trimethylbenzene	ug/kg	50.00	45.94	92	
1,3,5-Trimethylbenzene	ug/kg	50.00	46.72	93	
Vinyl acetate	ug/kg	100.00	60.08	60	

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